

June 28, 2005

State of Utah Division of Oil, Gas & Mining Attn: Diana Whitney 1594 West North Temple - Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 10-22-9-15, 11-22-9-15, 6-23-9-15, 8-23-9-15, 11-23-9-15, 12-23-9-15, and 15-23-9-15.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Landi Coyes Mandie Crozier

Regulatory Specialist

mc enclosures

RECEIVED JUL 0 1 2005

DIV. OF CIL, GAS & MINING

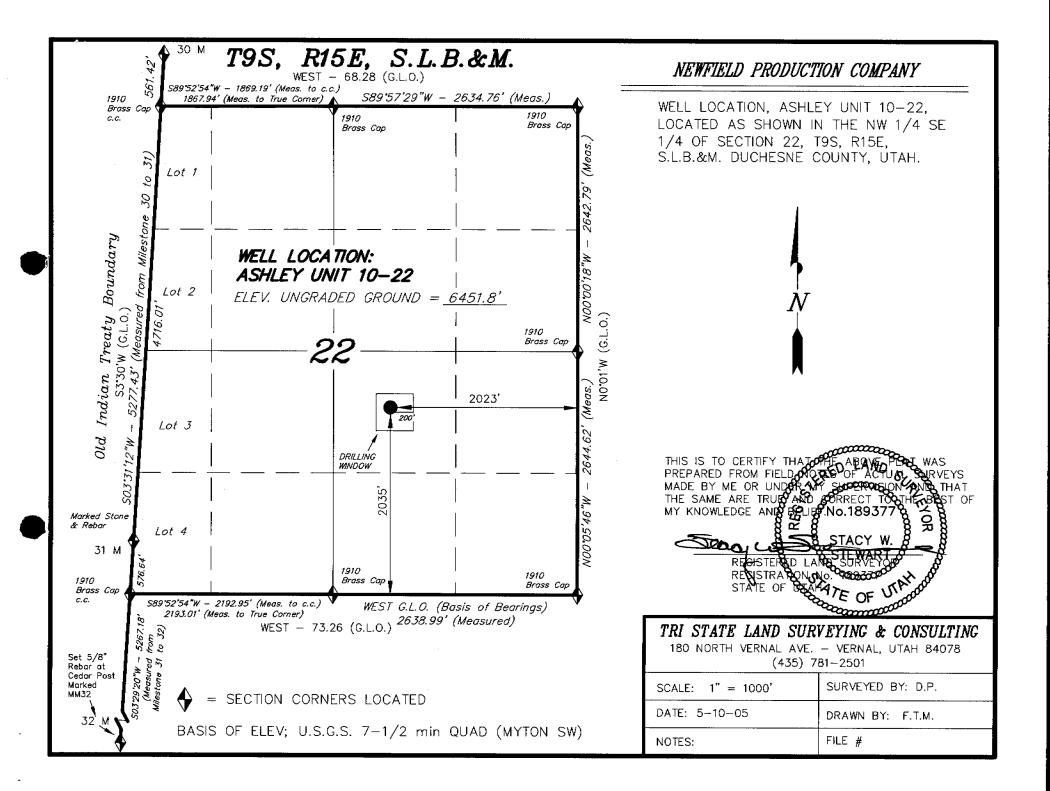
Form 3160-3 (September 2001)	,			FORM APPR OMB No. 100 Expires January	04-0136		
UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANAG	'5. Lease Serial No. UTU-027345						
APPLICATION FOR PERMIT TO DE		TER		 If Indian, Allottee or N/A 	Iribe Name		
la. Type of Work: DRILL GREENTED	R	· .		7. If Unit or CA Agreeme Ashley	nt, Name and No.		
lb. Type of Well: 🖾 Oil Well 🗋 Gas Well 🗖 Other	🗵 Single Z	ione 🖸 Multi	ple Zone	8. Lease Name and Well Ashley Federal 10-22			
2. Name of Operator Newfield Production Company				9. API Well No. 43-013	32825		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (incl (435) 646	5-3721		10. Field and Pool, or Expl Monument Butte			
4. Location of Well (Report location clearly and in accordance with At surface NW/SE 2035' FSL 2023' FEL 566966 At proposed prod. zone 442264	any State requiremen 9 X 40. 185 Y -110.	01480		11. Sec., T., R., M., or Blk NW/SE Sec. 22, T			
4. Distance in miles and direction from nearest town or post office*	<u>859</u> -110.	21030		12. County or Parish	13. State		
Approximatley 16.3 miles southwest of Myton, Utah 5. Distance from proposed* location to nearest property or lease line, ft.	16. No. of Acres in	n lease	17. Spacing	Duchesne g Unit dedicated to this well	UT		
(Also to nearest drig, unit line, if any) Approx. 617' f/lse, 2699' f/unit	280.00			40 Acres			
 B. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1419' 	19. Proposed Depth 20. 1 5950'			SLM/BIA Bond No. on file UT0056			
 Elevations (Show whether DF, KDB, RT, GL, etc.) 6452' GL 	22. Approximate d 4th Quarter 2		<u> </u> rt*	23. Estimated duration Approximately seven (7) days from s	pud to rig release.		
	24. Attachme	nts					
 he following, completed in accordance with the requirements of Onshot Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	4.	Bond to cover t Item 20 above). Operator certific	he operation ation. specific info	form: s unless covered by an exis mation and/or plans as ma			
i signature	Name (Print) Mandie C	/		Dat	6/28/0		
Regulatory Specialist	· · · · · · · · · · · · · · · · · · ·						
proved by Signation		ed/Typed) LEY G. H			7-11-05		
tie C	ENVIRONME						
pplication approval does not warrant or certify the the applicant holds la berations thereon. onditions of approval, if any, are attached.	gal or equitable title	to those rights in	the subject le	ease which would entitle the	applicant to conduct		
tle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it ates any false, fletitious or fraudulent statements or representations as to Instructions on reverse)	a crime for any person any matter within it	on knowingly an s jurisdiction.	d willfully to	make to any department or RECE			
				JUL 0			
Federal Ap;	oroval of this			DIV. OF OIL, GA	S & MINING		

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Action is Necessary

INING



NEWFIELD PRODUCTION COMPANY ASHLEY FEDERAL #10-22-9-15 NW/SE SECTION 22, T9S, R15E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. <u>GEOLOGIC SURFACE FORMATION:</u>

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta	0' - 2550'
Green River	2550'
Wasatch	5950'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2550' - 5950' - Oil

4. <u>PROPOSED CASING PROGRAM</u>

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. <u>TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:</u>

Please refer to the Monument Butte Field SOP.

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Please refer to the Monument Butte Field SOP.

9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:</u>

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY ASHLEY FEDERAL #10-22-9-15 NW/SE SECTION 22, T9S, R15E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #10-22-9-15 located in the NW 1/4 SE 1/4 Section 22, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 12.9 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road 1,410' \pm to the proposed well location.

2. <u>PLANNED ACCESS ROAD</u>

See Topographic Map "B" for the location of the proposed access road.

3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. <u>LOCATION AND TYPE OF WATER SUPPLY</u>

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. <u>SOURCE OF CONSTRUCTION MATERIALS</u>

Please refer to the Monument Butte Field SOP.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Diagram.

10. <u>PLANS FOR RESTORATION OF SURFACE</u>

Please refer to the Monument Butte Field SOP.

11. <u>SURFACE OWNERSHIP</u> - Bureau Of Land Management

12. <u>OTHER ADDITIONAL INFORMATION</u>

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #03-59, 9/15/03. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

For the Ashley Federal #10-22-9-15 Newfield Production Company requests 1410' of disturbed area be granted in Lease UTU-027345 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 840' of disturbed area be granted in Lease UTU-68548 and 1410' of disturbed area be granted in Lease UTU-027345 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species None.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	Atriplex Confertifolia	3 lbs/acre
Black Sage	Artemisia Nova	1 lbs/acre
Indian Ricegrass	Oryzopsis Hymenoides	4 lbs/acre
Needle and Thread Grass	Stipa Comata	4 lbs/acre

Details of the On-Site Inspection

The proposed Ashley Federal #10-22-9-15 was on-sited on 4/12/05. The following were present; Shon Mckinnon (Newfeild Production), Brad Mecham (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

<u>Representative</u>

Name:	Shon Mckinnon
Address:	Route #3 Box 3630
	Myton, UT 84052
Telephone:	(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #10-22-9-15 NW/SE Section 22, Township 9S, Range 15E: Lease UTU-027345 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

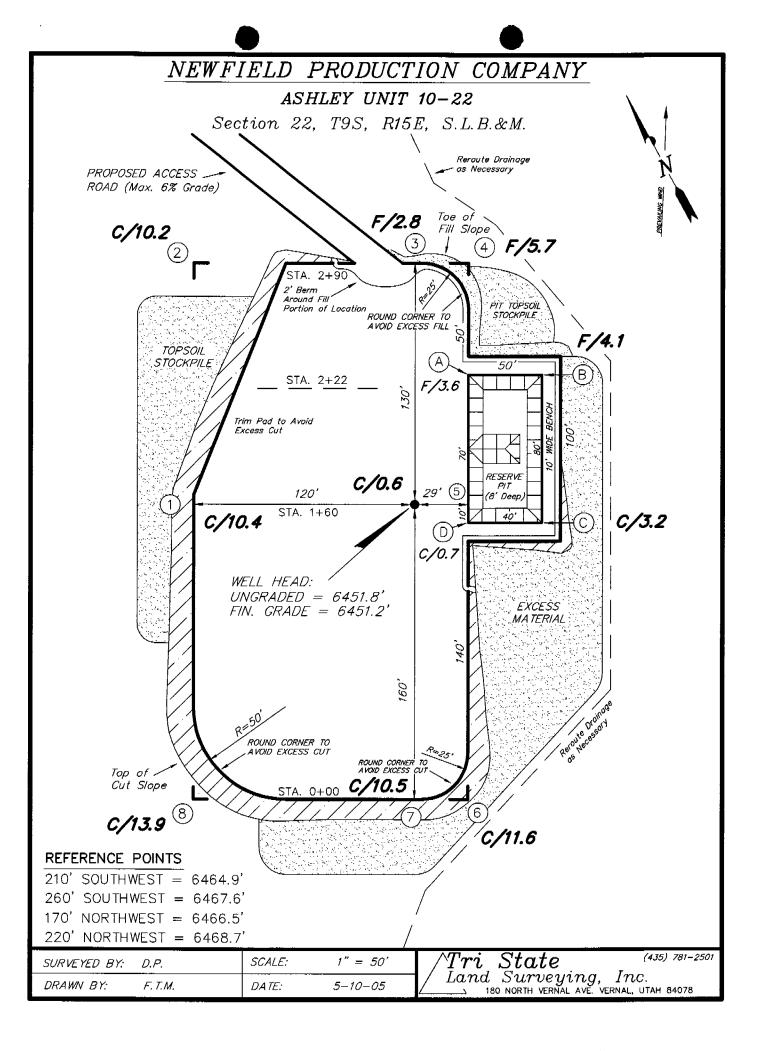
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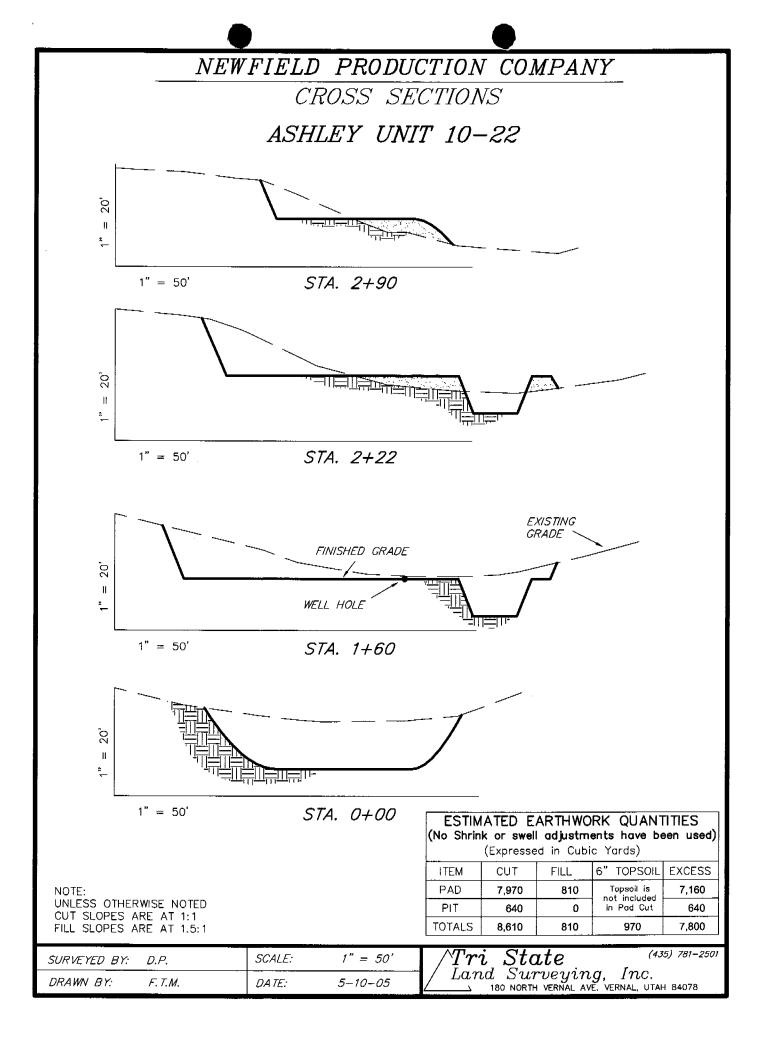
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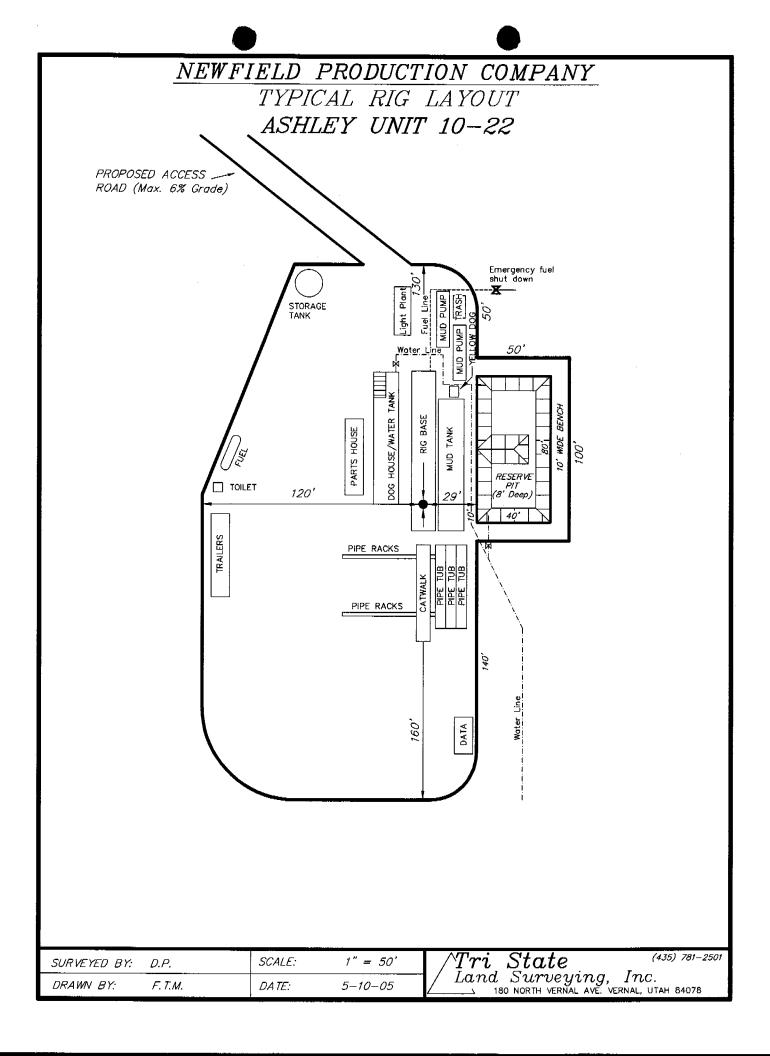
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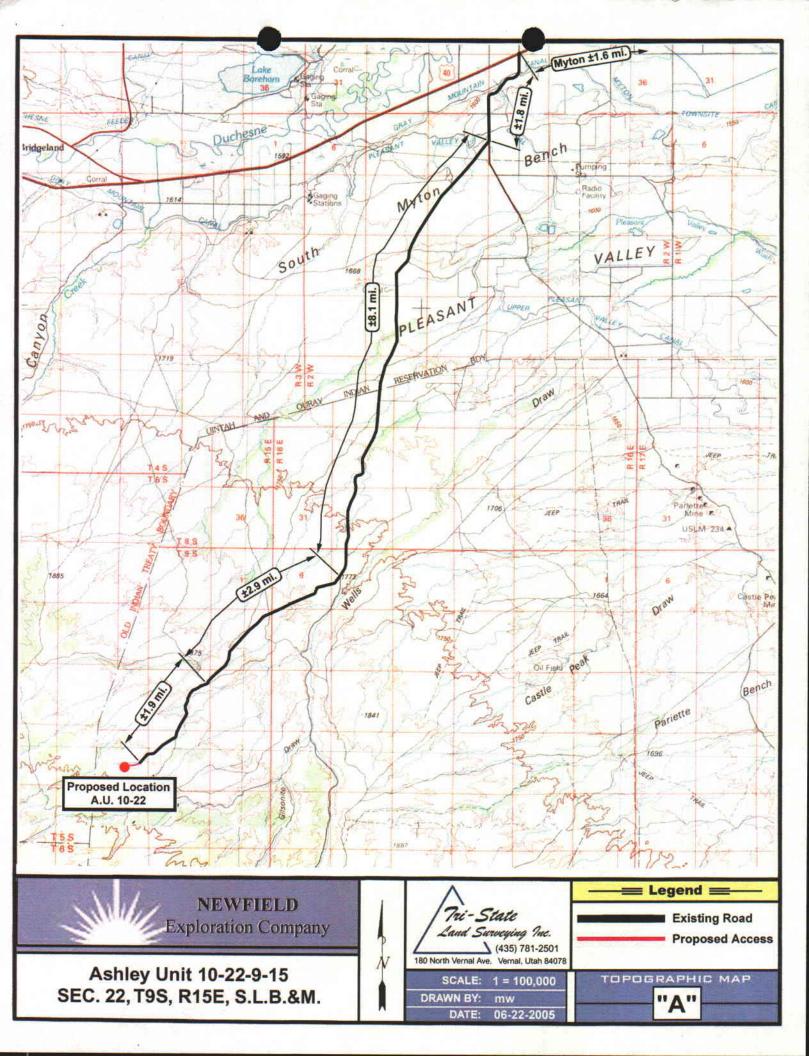
Mandie Crozier

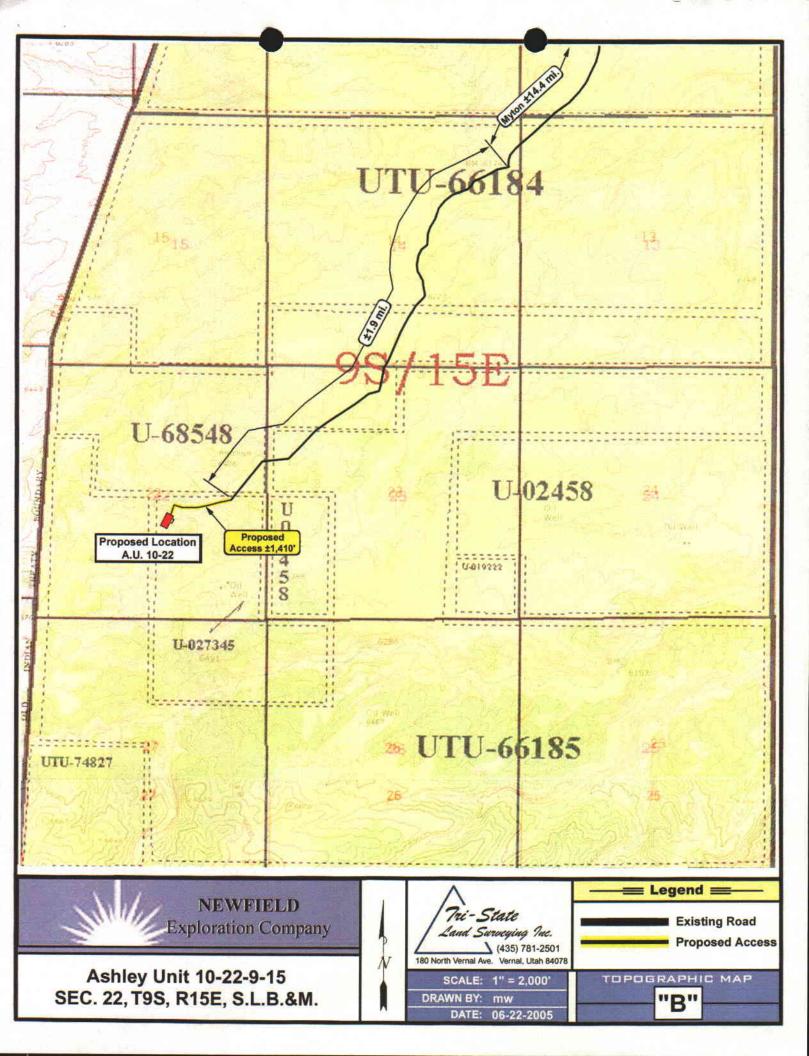
Regulatory Specialist Newfield Production Company

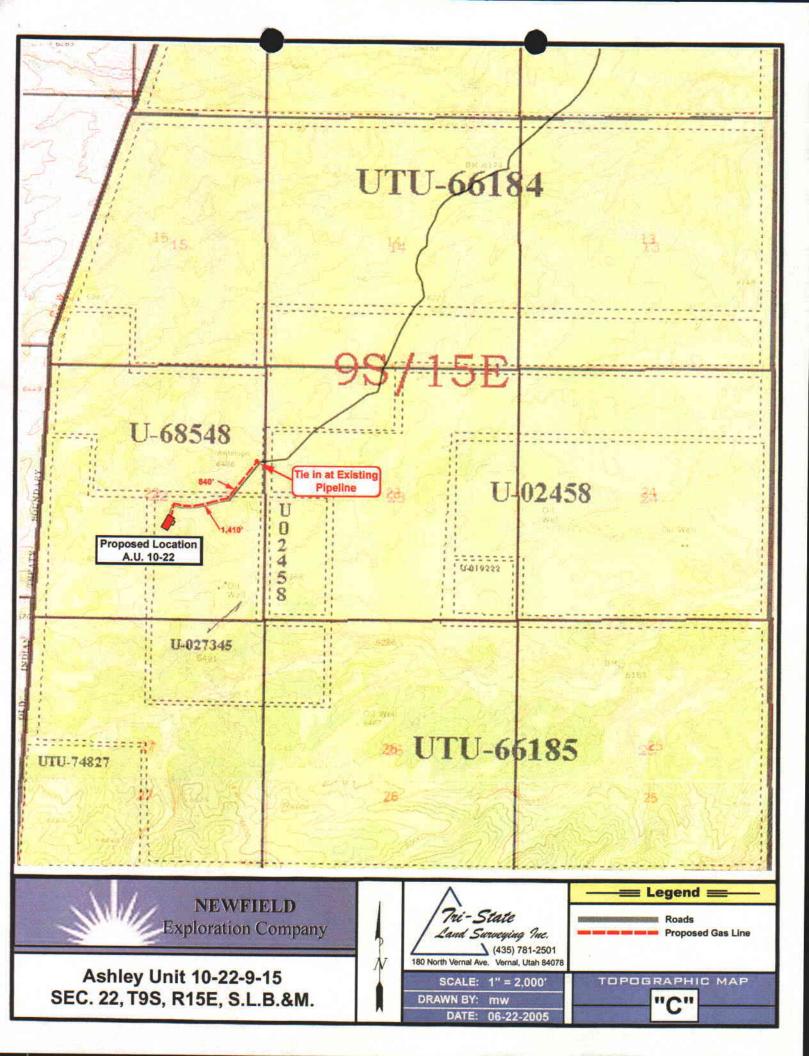




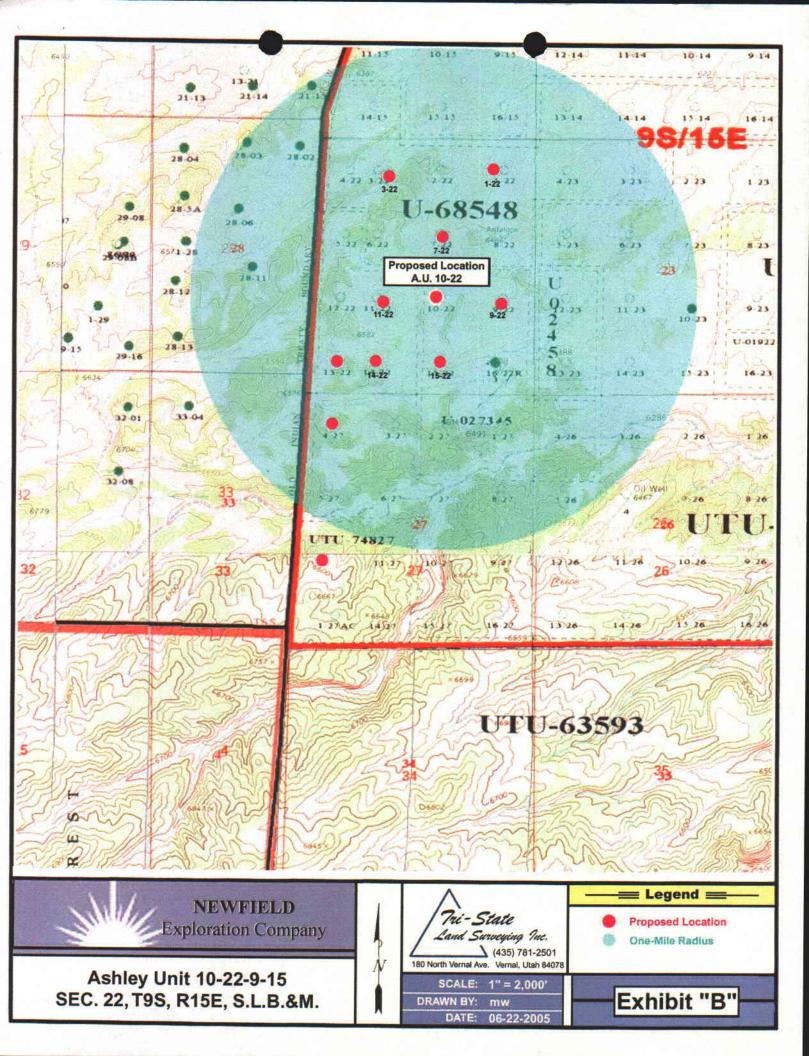








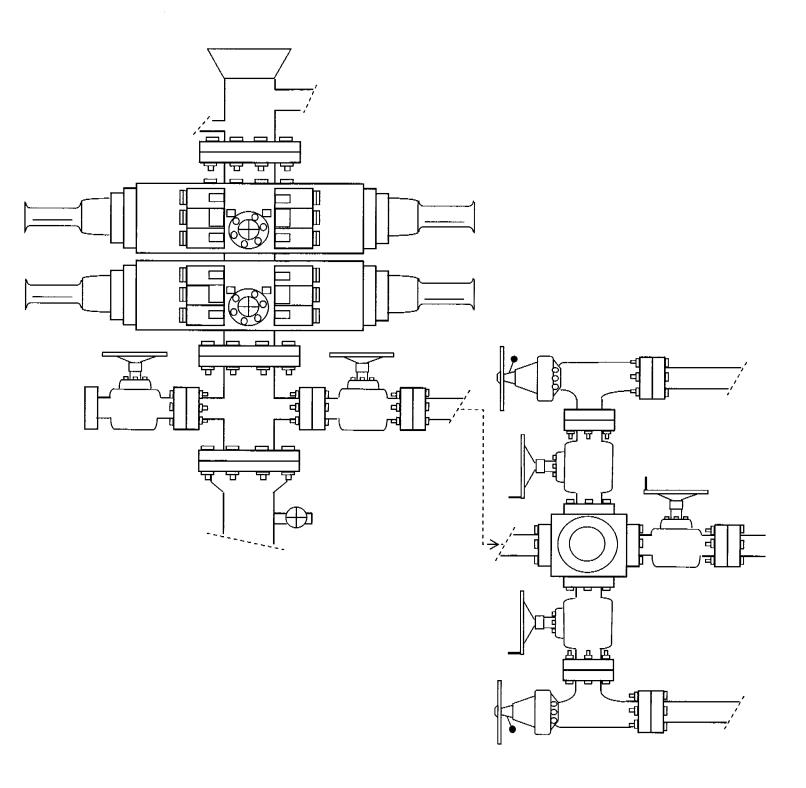
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	S-R15E	2			T105	R16E	2				·	10S-R1	75	2	•	8	5	4_ 3000	Exhibit A Dudiene A Urath Car March All Car March All Car Comment All Car Car Comment All Car Car Comment All Car Car Car Car Car Car Car Car Car Car	





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Page 1 of 4

CULTURAL RESOURCE INVENTORY OF INLAND RESOURCES' 1573 ACRE ASHLEY UNIT, IN TOWNSHIP 9S, RANGE 15E, SECTIONS 22, 23 AND 24, DUCHESNE COUNTY, UTAH

By:

Christopher M Nicholson and Keith R. Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office Vernal, Utah

Prepared Under Contract With:

Inland Resources Route 3, Box 3630 Myton, UT 84052

Prepared By:

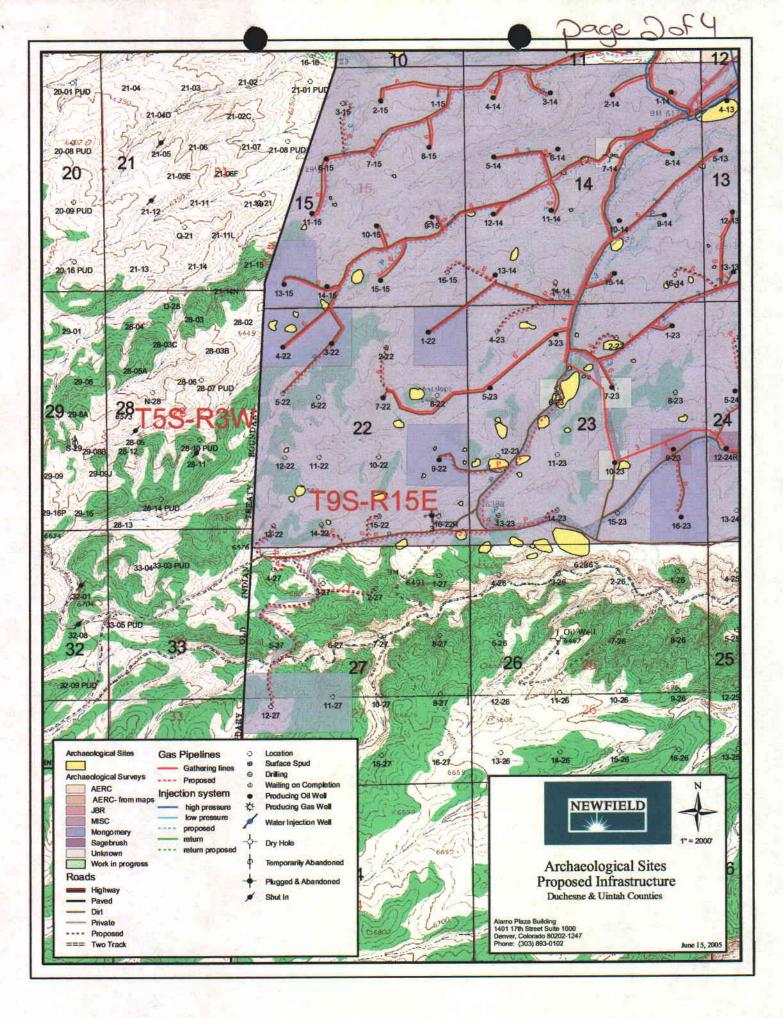
Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 03-59

September 15, 2003

United States Department of Interior (FLPMA) Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-03-MQ-0392b



age 3 of 4

INLAND RESOURCES, INC.

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

(South half Section 13, south half Section 14, south half Section 15, entire Sections 22, 23, 24, T 9 S, R 15 E; Section 5 minus SW & SE 1/4, SE 1/4, and existing well site at NW 1/4, NE 1/4, T 9 S, R 18 E)

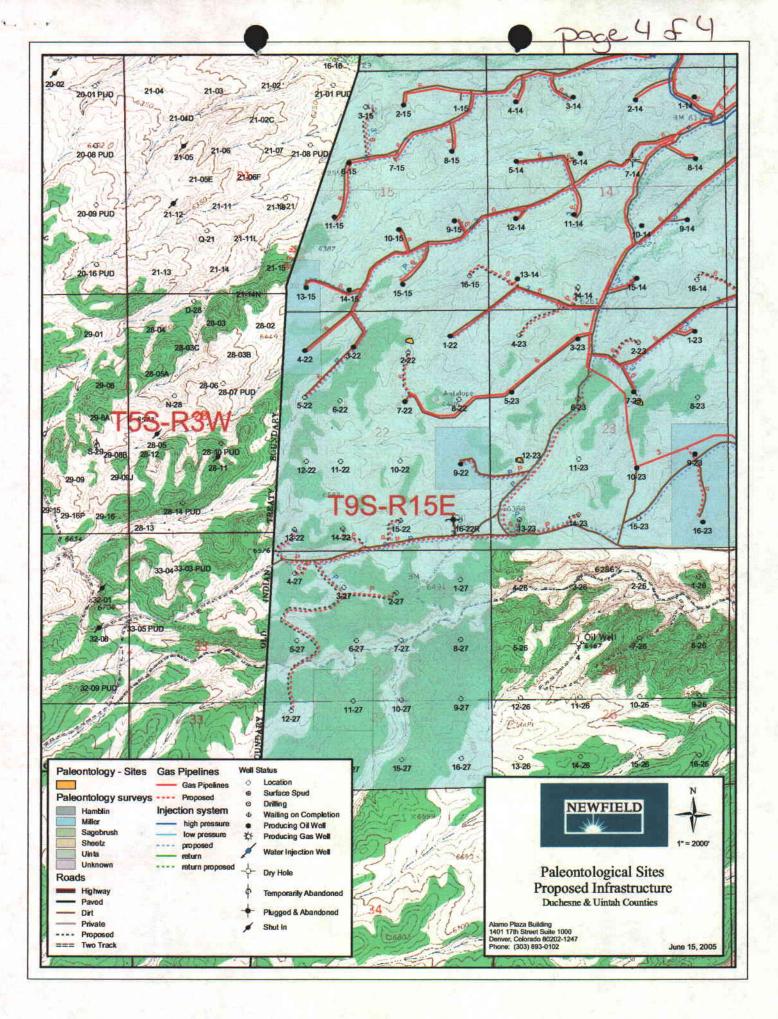
REPORT OF SURVEY

Prepared for:

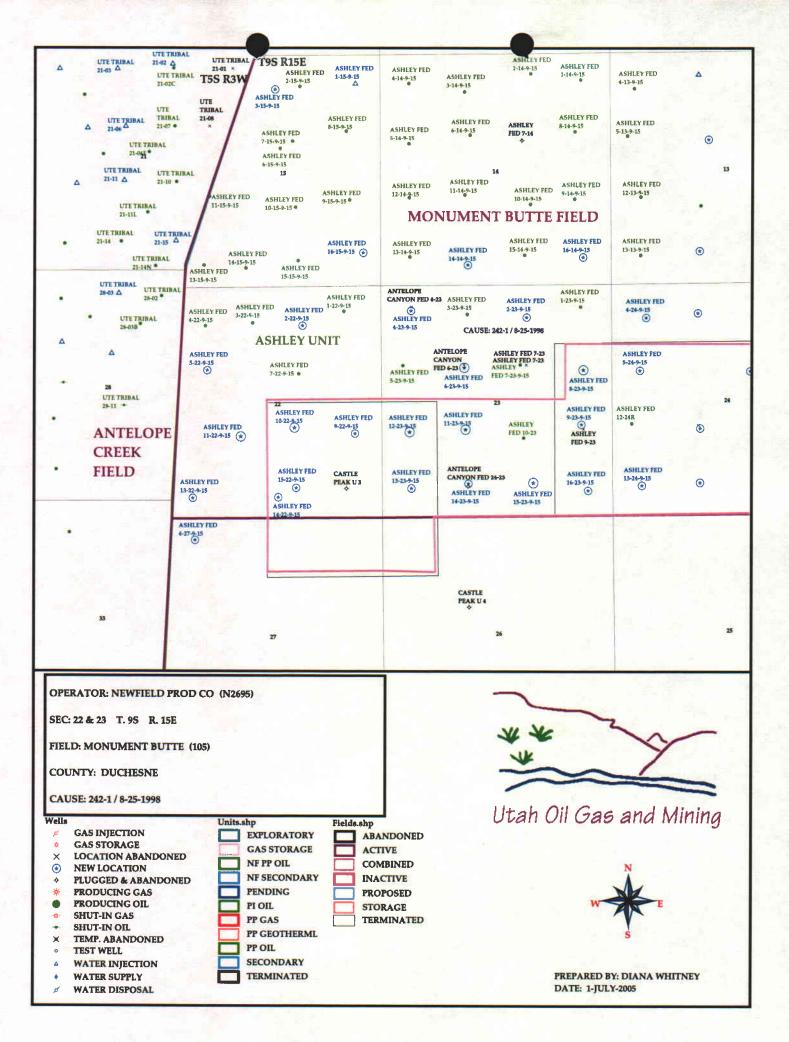
Inland Resources, Inc.

Prepared by:

Wade E. Miller Consulting Paleontologist June 7, 2003



API NO. ASSIGNED: 43-013-32825 APD RECEIVED: 07/01/2005 WELL NAME: ASHELY FED 10-22-9-15 OPERATOR: NEWFIELD PRODUCTION (N2695) MANDIE CROZIER PHONE NUMBER: 435-646-3721 CONTACT: PROPOSED LOCATION: INSPECT LOCATN BY: 1 NWSE 22 090S 150E SURFACE: 2035 FSL 2023 FEL Initials Date Tech Review BOTTOM: 2035 FSL 2023 FEL Engineering DUCHESNE MONUMENT BUTTE (105) Geology LEASE TYPE: 1 - Federal Surface LEASE NUMBER: UTU-027345 SURFACE OWNER: 1 - Federal LATITUDE: 40.01480 PROPOSED FORMATION: GRRV LONGITUDE: -110.2153 COALBED METHANE WELL? NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING: V Plat _____ R649-2-3. Mond: Fed[1] Ind[] Sta[] Fee[] Unit ASHLEY (No. UT0056) N _ Potash (Y/N) _____ R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit ____ R649-3-3. Exception (No. MUNICIPAL ____) V Drilling Unit RDCC Review (Y/N) Board Cause No: (Date:) Eff Date: <u><u>N</u>[A] Fee Surf Agreement (Y/N)</u> Siting: R649-3-11. Directional Drill D. G. COMMENTS: ____ STIPULATIONS: 1- Cause Upprive



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

July 7, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Ashley Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

API # WELL NAME LOCATION

(Proposed PZ Green River)

43-013-32825AshleyFed10-22-9-15Sec22T09SR15E2035FSL2023FEL43-013-32826AshleyFed11-22-9-15Sec22T09SR15E1880FSL1582FWL43-013-32827AshleyFed6-23-9-15Sec23T09SR15E1878FNL1888FWL43-013-32828AshleyFed8-23-9-15Sec23T09SR15E1970FNL0665FEL43-013-32829AshleyFed11-23-9-15Sec23T09SR15E1981FSL1911FWL43-013-32830AshleyFed12-23-9-15Sec23T09SR15E1950FSL0623FWL43-013-32831AshleyFed15-23-9-15Sec23T09SR15E0743FSL1837FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Ashley Unit Division of Oil Gas and Mining Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:7-7-05



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

July 11, 2005

Newfield Production Company Rt. #3, Box 3630 Myton, Ut 84052

Re: <u>Ashley Federal 10-22-9-15 Well, 2035' FSL, 2023' FEL, NW SE, Sec. 22,</u> <u>T. 9 South, R. 15 East, Duchesne County, Utah</u>

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32825.

Sincerely,

Gil Hunt Acting Associate Director

pab Enclosures

cc: Duchesne County Assessor Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company						
Well Name & Number	Ashley Federal 10-22-9-15						
API Number:	43-013-32825						
Lease:	<u>UTU-0</u> 2	27345					
Location: <u>NW SE</u>	Sec. 22_	T. <u>9 South</u>	R. <u>15 East</u>				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (September 2001) UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANAC APPLICATION FOR PERMIT TO DE	EMENT	2005	FORM APPR OMB No. 10 Expires January 5. Lease Serial No. UTU-027345 6. If Indian, Allottee or N/A	i4-0136 31, 2004
la. Type of Work: 🖾 DRILL 📮 REENTER	ξ.		7. If Unit or CA Agreeme Ashley	nt, Name and No.
lb. Type of Well: 🖾 Oil Well 🗖 Gas Well 📮 Other	🛛 Single Zone 📮 Multi	ple Zone	8. Lease Name and Well Ashley Federal 10-2:	
2. Name of Operator Newfield Production Company			9. API Well No. 42. 1121 ろう	225
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721		10. Field and Pool, or Expl Monument Butte	
 Location of Well (Report location clearly and in accordance with a At surface NW/SE 2035' FSL 2023' FEL 	any State requirements.*)		11. Sec., T., R., M., or Blk	and Survey or Area
At surface NW/SE 2035 FSE 2023 FEL At proposed prod. zone			NW/SE Sec. 22, T	98 R15E
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State
Approximatley 16.3 miles southwest of Myton, Utah 15. Distance from proposed*	16. No. of Acres in lease	17. 0	Duchesne Unit dedicated to this well	UT
Iocation to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) Approx. 617 f//se, 2699' f/unit	280.00	17. spacing	40 Acres	
18. Distance from proposed location*	19. Proposed Depth	20. BLM/B	IA Bond No. on file	
to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1419'	5950'	j L	J T 0056	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	ut*	23. Estimated duration	
6452' GL	4th Quarter 2005 24. Attachments		Approximately seven (7) days from a	pud to rig release.
The following, completed in accordance with the requirements of Onshor		tached to this t	form	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Item 20 above). Lands, the 5. Operator certific	ation. specific infor	unless covered by an exis mation and/or plans as ma discrete the second	ay be required by the
- cande love	Mandie Crozier		1	6/38/05
Title Regulatory Specialist				
April (Signature)			Dai	4/04/2016
Tide Assistant Field Manager	Office			<u> </u>
Application approval does not warrant divertify the the applicant holds le operations thereon. Conditions of approval, if any, are attached.	gal or equitable title to those rights in	the subject le	ase which would entitle the	applicant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	any matter within its jurisdiction.	nd willfully to	make to any department	TACHED
*(Instructions on reverse)	NDITIONS OF	APPI		
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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE 170 South 500 East **VERNAL, UT 84078** (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Location:

Company:	Newfield Production Company
Well No:	Ashley Federal 10-22-9-15
API No:	43-013-32825

Matt Baker Michael Lee Jamie Sparger Paul Buhler Karl Wright Chris Carusona Holly Villa Melissa Hawk Nathaniel West

Lease No:	UTU-027	345
Agreement:	Ashley U	Init
Office: 435-7	81-4490	Cell: 435-8
Office: 435-7	81-4432	Cell: 435-8

328-4470 328-7875 Cell: 435-828-3913 Cell: 435-828-4029

NWSE, Sec. 22, T9S, R15E

Petroleum Engineer: Petroleum Engineer: Supervisory Petroleum Technician: Environmental Scientist: Environmental Scientist: Natural Resource Specialist: Natural Resource Specialist: Natural Resource Specialist: Natural Resource Specialist: After hours contact number: (435) 781-4513

0 O

Office: 435-781-4502 Office: 435-781-4475 Office: 435-781-4484 Office: 435-781-4441 Office: 435-781-4404 Office: 435-781-4476 Office: 435-781-4447 FAX: (435) 781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Nathaniel West)

Location Completion (Notify Nathaniel West)

Spud Notice (Notify Petroleum Engineer)

Casing String & Cementing (Notify Jamie Sparger SPT)

BOP & Related Equipment Tests (Notify Jamie Sparger SPT)

First Production Notice (Notify Petroleum Engineer)

- Forty-Eight (48) hours prior to construction of location and access roads.
- Prior to moving on the drilling rig.
- Twenty-Four (24) hours prior to spudding the well.
- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- Twenty-Four (24) hours prior to initiating pressure tests.
- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
- The proposed buried pipelines will laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
- The proposed action is in Ferruginous hawk nesting habitat. According to the lease, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of March 1st through July 15th, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from March 1st through July 15th a new survey for Ferruginous hawk is needed with the exception request.
- The proposed action is in Cooper's hawk nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of May 1st through August 15th, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from May 1st through August 15th a new survey for Cooper's hawk is needed with the exception request.
- Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- The reserve pit will be lined with a 16 ml or greater liner.

- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful revegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
- Prevent fill and stock piles from entering drainages.
- CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.
- The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- All well facilities not regulated by OSHA will be painted Olive Black.
- Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.
- Interim Reclamation (see below):
- Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.
- Interim Reclamation Seed Mix for location:
 - Galleta grass Hilaria jamesil 6 lbs/acre
 Western wheatgrass Pascopyrum smithii 6 lbs/acre
 Per Live Seed Total 12 lbs/acre
 - The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.
 - There shall be no primary or secondary noxious weeds in the seed mixture.

- Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended

for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- Please submit an electronic copy of all logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports will be
 submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the
 API standards for liquid hydrocarbons and the AGA standards for natural gas

measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The

"Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY									
Well Name: ASHLEY FED 10-22-9-15									
Api No <u>: 4</u> ,	3-013-32825		_Lease	Туре:	FEDERAL				
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Drilling Contract	tor <u>L</u>	EON ROSS	DRIL	LING	_RIG #	24			
SPUDDED:									
Da	te0	5/05/06							
Tir	ne <u>4</u>	:00 PM							
Но	owD	RY							
Drilling will C	Drilling will Commence:								
Reported by		JUSTIN C	RUM						
Telephone #		(435) 823-6	5733						
Date05/08	/2006	_Signed	<u>C</u>	<u>HD</u>					

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	UNIT STATES DEPARTMENT OF THE IN BUREAU OF LAND MANAG	NTERIOR	0	ORM APPROVED MB No. 1004-0135 irres January 31,2004		
SUNDR Do not use t abandoned w	UTU027345 6. If Indian, Allottee or Tribe Name.					
1. Type of Well	REPUICALE - Other Inst	uleann an constairs	iùe Carlon	7. If Unit or CA/A ASHLEY PA A	greement, Name and/or No.	
Coll Well Gas Well Construction Construction	Other DMPANY			8. Well Name and ASHLEY FEDE 9. API Well No.		
3a. Address Route 3 Box 3630	3a. Address Route 3 Box 3630 3b. Phone No. (include are code)			4301332825		
Myton, UT 84052	Myton, UT 84052 435.646.3721			10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					Monument Butte	
2035 FSL 2035 FEL				11. County or Pari	sh, State	
NW/SE Section 22 T9S R1	5E			Duchesne,UT		
12. CHECH	K APPROPRIATE BOX(ES	5) TO INIDICATE N	ATURE OF N	, OTICE, OR OT	HER DATA	
TYPE OF SUBMISSION		TYP	E OF ACTION			
Notice of Intent	Acidize	DeepenFracture Treat	Productio	n(Start/Resume) on	Water Shut-Off Well Integrity	
🔀 Subsequent Report	Casing Repair	New Construction	Recomple	te	X Other	
	Change Plans	🔲 Plug & Abandon	Temporar	ily Abandon	Spud Notice	
Final Abandonment Notice	Convert to Injector	Plug Back	🔲 Water Dis	posal	<u>.</u>	
under which the work will be perfor involved operations. If the operatio	peration (clearly state all pertinent detai per recomplete horizontally, give subsurf rmed or provide the Bond No. on file w a results in a multiple completion or re- only after all requirements, including r	face locations and measured an ith BLM/BIA. Required subse completion in a new interval, a	l true vertical depths quent reports shall be Form 3160-4 shall b	of all pertinent market filed within 30 days f e filed once testing has	rs and zones. Attach the Bond following completion of the s been completed. Final	

ter i

On 5/5/06 MIRU Ross # 24. Spud well @ 4:00 PM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 311.79 KB. On 5/6/06 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct	Title		-	
Name (Printed/Typed) Justin Crum	Drilling F	oreman		
Signature	Date			
- district line -	05/13/20	06		
CIDESE CONTRACTORS	UNE DI	WESTERNER (
Approved by		Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p States any false, fictitious and fraudulent statements or representations as to any matter w			nake to any department	or evency of the United
(Instructions on reverse)				
			MAY 1 7 20	06

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 319.62

LAST CASING 8 5/8" set @ 311.79	OPERATOR	Newfield Production Company
DATUM 12' KB	WELL	Ashley Federal 10-22-9-15
DATUM TO CUT OFF CASING	FIELD/PROSPECT	Monument Butte
DATUM TO BRADENHEAD FLANGE	CONTRACTOR & RIG	# <u>Ross # 24</u>
TD DRILLER 310' LOGGER		
HOLE SIZE 12 1/4		

	SING STRIN	<u>10.</u>					_	-	
PIECES	OD	ITEM -	MAKE - DESCI	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
						· · · · · · · · · · · · · · · · · · ·			
		Shoe	 Joint 38.27'						· · · · · ·
		WHI - 92 cs					8rd	A	0.9
8	8 5/8"	Maverick ST			24#	J-55	8rd	A	308.7
				shoe		. 0-00	8rd	A	0.
CASING INV	ENTORY B	AL.	FEET	JTS	TOTAL LEN	GTH OF ST			309.6
TOTAL LENG	GTH OF ST	RING	309.62		LESS CUT C				
LESS NON C	SG. ITEMS		1.85		-		IT OFF CSG	ľ	1
PLUS FULL .	JTS. LEFT (DUT	0		CASING SE			ľ	319.62
	TOTAL		307.77	7					
TOTAL CSG.	. DEL. (W/O	THRDS)	307.77	7		E			
TIMING			1ST STAGE		1				
BEGIN RUN	CSG.	Spud	5/6/2006		GOOD CIRC	THRU JOI	в	Yes	
CSG. IN HOL	-E		5/6/2006		Bbls CMT CI	RC TO SU	RFACE	3 bbls	
BEGIN CIRC	;		5/6/2006			ATED PIPE	FOR	<u>N/A</u>	
BEGIN PUMP	PCMT		5/6/2006						
BEGIN DSPL	CMT		5/6/2006			.UG TO	700		P\$I
	1		5/6/2006		<u>]</u>				
CEMENT US	ED			CEMENT CO	MPANY-	B. J.			
STAGE	# SX			CEMENT TY	PE & ADDITIV	'ES			
1	160	Class "G" w/	2% CaCL2 + 1	/4#/sk Cello-	Flake mixed @) 15.8 ppg 1	1.17 cf/sk yield	1	
CENTRALIZE	ER & SCRAT	TCHER PLAC	EMENT			SHOW MA	KE & SPACIN	IG	
Centralizers	- Middle fir	rst. top seco	nd & third for	3					

COMPANY REPRESENTATIVE Justin Crum DATE 5/6/2006

SUNDRY NOTICES AND REPORTS ON WELLS					FORM APPROVED OMB No. 1004-0135 Expires January 31,2004 5. Lease Serial No. UTU027345 6. If Indian, Allottee or Tribe Name.					
1. Type of Well		REPLICATUR Other	9)Ĥ(3) INNA N		lonson avar e l Sulta a	tit <u>G</u> . S		7. If Unit or CA/A ASHLEY PA A 8. Well Name and	Ū	nent, Name and/or No.
2. Name of Operator NEWFIELD PRODUCT		MPANY						ASHLEY FEDE	ERAL	10-22-9-15
3a. Address Route 3 Box Myton, UT 4. Location of Well <i>(Foot</i>	3 Box 3630 3b. Phone No. (include are code))	9. API Well No. 4301332825 10. Field and Pool, or Exploratory Area Monument Butte				
2035 FSL 2035 FEL NW/SE Section 22	T9S R1	5E						11. County or Par Duchesne,UT	rish, S	tate
12. C	HECK	APPROPRIAT	TE BOX(ES)	T	O INIDICATE NA	TU	RE OF NO	DTICE, OR OT	HEI	R DATA
TYPE OF SUBMISS	ON				ТҮР	E OF	ACTION			
Notice of Intent Subsequent Report Final Abandonment N	otice	 Acidize Alter Casing Casing Repai Change Plan Convert to Ir 	· [Deepen Fracture Treat New Construction Plug & Abandon Plug Back		Reclamati Recomple	te ly Abandon		Water Shut-Off Well Integrity Other Weekly Status Report
13. Describe Proposed or Com proposal is to deepen direc under which the work will involved operations. If the Abandonment Notices shal inspection.)	tionally or be perform operation l be filed	r recomplete horizonta med or provide the Bo a results in a multiple of only after all requirem	lly, give subsurfac nd No. on file with completion or reco ents, including rec	e lo BI mpl	ocations and measured and JM/BIA. Required subsec- letion in a new interval, a hation, have been complete	true vo juent re Form 3 zd, and	ertical depths ports shall be 160-4 shall be the operator l	of all pertinent marked filed within 30 days filed once testing has as determined that the	ers and follow is been he site	zones. Attach the Bond ing completion of the completed. Final is ready for final
On 5/8/06 MIRU ND csgn to 1,500 psi. Ve										

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csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notifed and present for test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6060'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 148 jt's of 5.5 J-55, 15.5# csgn. Set @ 6064' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 48 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig @ 6:00 PM on 5/18/06.

I hereby certify that the foregoing is true and correct	Title					
Name (Printed/ Typed) Justin Crum	Drilling Foreman					
Signature Leutin Lun	Date 05/25/2006					
CHERCE TO MARKE	MAAL CHESTENDE					
Approved by	Title	Date				
Conditions of approval, if any, are attached. Approval of this notice does not warrant or						
certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any pe States any false, fictitious and fraudulent statements or representations as to any matter wi	thin its jurisdiction		United			
(Instructions on reverse)	se) RECEIVED					
Instructions on reverse) RECEIVED MAY 2 6 2006						
	DIV. OF OIL, GAS &	MINING				

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

<u> </u>	CASING SET AT	6064.39

	Fit clir @ 6020.11'	
LAST CASING <u>8 5/8"</u> SET AT 3 <u>19'</u>	OPERATOR Newfield Proc	luction Company
DATUM 12' KB	WELL Ashley Federal 10-22-9-1	5
DATUM TO CUT OFF CASING	FIELD/PROSPECT Monument Bu	tte
DATUM TO BRADENHEAD FLANGE	CONTRACTOR & RIG # ND	SI#1
TD DRILLER 6060 Loggers TD '		
HOLE SIZE 77/8"		

PIECES	OD	ITEM-	MAKE - DESCI		WT/FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt				0112			1
	Short JT.	6' @ 3999'							· · · · · · · · ·
147	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	A	6020.1
		Float collar							0.
1	5 1/2"	ETC LT&C	csg		15.5#	J-55	8rd	A	45.0
			GUIDE	shoe			8rd	A	0.6
CASING IN	ENTORY B	AL.	FEET	JTS	TOTAL LEN	GTH OF ST	RING		6066.3
TOTAL LEN	GTH OF STF	RING	6066.39	148	LESS CUT C	OFF PIECE			1
LESS NON	CSG. ITEMS		15.25		PLUS DATU	м то т/си	T OFF CSG		1:
PLUS FULL	JTS. LEFT C	DUT	288.36	7	CASING SE	T DEPTH			6064.39
	TOTAL		6339.50	155	ן ר				
TOTAL CSG	6. DEL. (W/O	THRDS)	6339.5	155					
TIMING			1ST STAGE	2nd STAGE					
BEGIN RUN	CSG.		5/18/2006	8:00 AM	GOOD CIRC	THRU JOE	3	Yes	
CSG. IN HO	LE		5/18/2006	11:30 AM	Bbis CMT Ci	RC TO SUP		48 bbls	
BEGIN CIRC	>		5/18/2006	11:30 AM	RECIPROCA	TED PIPE	FOR	THRUSTRO	KE_No
BEGIN PUM	PCMT		5/18/2006	1:13 PM	DID BACK P	RES. VALV	E HOLD ?	Yes	
BEGIN DSP	L. CMT		5/18/2006	2:06 PM	BUMPED PL	UG ТО	2420		PSI
PLUG DOW	N		5/18/2006	2:30 PM					
CEMENT US	SED					B. J.		· · · · · · · · · · · · · · · · · · ·	
STAGE	# SX								
1	325	Premlite II w	/ 10% gel + 3 %	% KCL, .5#'s /s	k CSE + 2# s	k/kolseal +	1/2#'s/sk Cel	lo Flake	
		mixed @ 11	.0 ppg W / 3.43	cf/sk yield					
2	450	50/50 poz W	// 2% Gel + 3%	KCL, .5%EC1	,1/4# sk C.F.	2% gel. 3%	SM mixed @) 14.4 ppg W/	1.24 YLD
CENTRALIZ	ER & SCRAT	CHER PLAC	CEMENT			SHOW MAR	KE & SPACIN	NG	
Centralizers	s - Middle fir	st, top seco	nd & third. Th	en every thir	d collar for a	total of 20			

COMPANY REPRESENTATIVE Justin Crum

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DATE <u>5/18/2006</u>

FORM 3160-5 (September 2001) E SUNDRY Do not use t abandoned w	C Ex 5. Lease Serial N UTU027345	FORM APPROVED MB No. 1004-0135 spires January 31,2004 Jo. ttee or Tribe Name.					
SUBMIT IN T	 T. If Unit or CA/Agreement, Name and/or No. ASHLEY PA A 8. Well Name and No. ASHLEY FEDERAL 10-22-9-15 						
NEWFIELD PRODUCTION COMPANY 3a. Address Route 3 Box 3630 Myton, UT 84052 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2035 FSL 2035 FEL NW/SE Section 22 T9S R15E					9. API Well No. 4301332825 10. Field and Pool, or Exploratory Area Monument Butte 11. County or Parish, State Duchesne,UT		
12. CHECK TYPE OF SUBMISSION	APPROPRIATE BOX(I		ATURE OF NO E OF ACTION	DTICE, OR OTHER DATA			
 Notice of Intent Subsequent Report Final Abandonment Notice 	 Acidize Alter Casing Casing Repair Change Plans Convert to Injector 	 Deepen Fracture Treat New Construction Plug & Abandon Plug Back 	Reclamatio	e ly Abandon	Water Shut-Off Well Integrity Other		
 Describe Proposed or Completed Op proposal is to deepen directionally or under which the work will be perforn involved operations. If the operation Abandonment Notices shall be filed inspection.) Formation water is produce Ashley, Monument Butte, Jo produced water is injected i 	r recomplete horizontally, give subsr med or provide the Bond No. on file a results in a multiple completion or only after all requirements, includin d to a steel storage tank. onah, and Beluga water ir	wface locations and measured and with BLM/BIA. Required subse- recompletion in a new interval, a g reclamation, have been complet If the production water njection facilities by corn	I true vertical depths of quent reports shall be Form 3160-4 shall be ed, and the operator h meets quality g pany or contract	of all pertinent marked filed within 30 days filed once testing ha as determined that the puidelines, it is ct trucks. Subse	rs and zones. Attach the Bond following completion of the is been completed. Final is site is ready for final transported to the		

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

• ·

I hereby certify that the foregoing is true and correct	Title				
Name (Printed/Typed) Mandie Crozier	Regulatory Specialist				
Signature Jandie Joka	Date 06/08/2006				
CHIS SPACE FOR FED	ERAL OR STATE OFFI	ICE USE			
Approved by	Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any pe States any false, fictitious and fraudulent statements or representations as to any matter wi	rson knowingly and willfully to make thin its jurisdiction	to any department or agency of the United			
(Instructions on reverse)					
		JUN 0 9 2006			

DIV. OF OIL, GAS & MINING

FORM 3160-5 (September 2001)	UNITED STATE DEPARTMENT OF THE BUREAU OF LAND MANA	INTERIOR	FORM APPROVED OMB No. 1004-0135 Expires January 31,2004					
SUNDR Do not use abandoned v	 Lease Serial No. UTU027345 If Indian, Allottee or Tribe Name. 							
Type of Well Gas Well Oil Well Gas Well Control Gas Well Gas Well Control Gas Well Gas Well Control Gas Well Gas Gas Well	c., T., R., M., or Survey Descripti 15E	3b. Phone No. (include ard 435.646.3721 on)	e code)	ASHLEY PA A 8. Well Name an ASHLEY FED 9. API Well No. 4301332825 10. Field and Poo Monument But 11. County or Pai Duchesne, UT	d No. ERAL 10-22-9-15 ol, or Exploratory Area te rish, State			
TYPE OF SUBMISSION	X APPROPRIATE BOX(E		E OF ACTION	JICE, OR OJ	HERDATA			
 Notice of Intent Subsequent Report Final Abandonment Notice 	 Acidize Alter Casing Casing Repair Change Plans Convert to Injector 	 Deepen Fracture Treat New Construction Plug & Abandon Plug Back 	Reclamatio	e ly Abandon	Water Shut-Off Well Integrity Other Variance			
involved operations. If the operation	med or provide the Bond No. on file w net or provide the Bond No. on file w n results in a multiple completion or re only after all requirements, including	Tace locations and measured and with BLM/BIA. Required subseq scompletion in a new interval, a F reclamation, have been complete	true vertical depths o uent reports shall be form 3160-4 shall be	of all pertinent marke filed within 30 days filed over testing bo	ers and zones. Attach the Bond following completion of the			

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

I hereby certify that the foregoing is true and correct	Title	
Name (Printed/Typed)		In Inthe same
Mandie Crozier	Regulatory Specialist	10,8106
Signature	Date	- km
I tame row	06/08/2006	
GTHIS SPACE	FOR FEDERAL OR STATE OF PL	USE
Approved by	Hiah Division	Date Federal Approval Of This Date Federal Approval Of This Action is Necessary
Conditions of approval, if any, are attached. Approval of this notice does certify that the applicant holds legal or equitable title to those rights in the which would entitle the applicant to conduct operations thereon.	not warrant or Oil, Cas - (a)	Actionist
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a c States any false, fictitious and fraudulent statements or representations as t	rime for any person unowingly and willfully of make o a o any matter within its jurisdiction	department or agency of the United
(Instructions on reverse)	Dy	RECEIVED
		JUN 0 9 2006

DIV. OF OIL, GAS & MINING

FORM	316	0-5	
(Septen	aber	200	I)

UNIT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FORM APPROVED OMB No. 1004-0135 Expires January 31,2004
5.	Lease Serial No.
	<u>utu 027</u>
6	If Indian Allottee or Tribe Name

7245

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

I. Type of Well ☑ Oil Well ☑ Oil Well ☑ Gas Well I. Type of Well <th>DOTHER</th> <th> Breakson and Content of the second s Second second sec second second sec</th> <th></th> <th>ASHLEY PA A 8. Well Name and ASHLEY 10-22</th> <th>1 No.</th>	DOTHER	 Breakson and Content of the second s Second second sec second second sec		ASHLEY PA A 8. Well Name and ASHLEY 10-22	1 No.
 3a. Address Route 3 Box 3630 Myton, UT 84052 4. Location of Well (Footage, 2035 FSL 2035 FEL NWSE Section 22 T9S R15E 	 API Well No. 4301332825 Field and Poo MONUMENT I 11. County or Par DUCHESNE, U OTICE, OR OT 	ish, State JT			
TYPE OF SUBMISSION			E OF ACTION		
 Notice of Intent Subsequent Report Final Abandonment 	 Acidize Alter Casing Casing Repair Change Plans Convert to 	 Deepen Fracture Treat New Construction Plug & Abandon Plug Back 	Reclamati	ete ily Abandon	 ❑ Water Shut-Off ❑ Well Integrity ☑ Other Weekly Status Report

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 05/24/06 - 06/07/06

Subject well had completion procedures intiated in the Green River formation on 05-24-06 without the use of a service rig over the well. A cement bond log was run and a total of eight Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5628'-5636'); Stage #2 (5442'-5455'); Stage #3 (5136'-5144');Stage #4 (5036'-5052'); Stage #5 (4779'-4788'); Stage #6 (4634'-4646'); Stage #7 (4533'-4548'); Stage #8 (3982'-3988'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 05-24-2006. Bridge plugs were drilled out and well was cleaned to 6018'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 06-07-2006.

I hereby certify that the foregoing is true and correct (Printed/ Typed)	Title
Lana Nebeker	Production Clerk
Signature Mana Jelu	Date 07/25/2006
THE REPORT OF	
Approved by	Title Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any persister any false, fictifications as to any matter with	erson knowingly and willfully to make to any department or agency of the United
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any pe <u>States any false, fictitious and fraudulent statements or representations as to any matter win</u> (Instructions on reverse)	MARKING DATE OF THE D
	JUL 2 6 2006

DIV. OF OIL, GAS & MINING

FORM 3160-4					5			RM APPROVE	-
(July 1992)				STATES		(See of struction		B NO: 1004-01 fires: February 1	
	1	ΠΕΡΔΕ				reverse	side)	SE DESIGNATION	· · · · · · · · · · · · · · · · · · ·
	·			ND MANAGEM	-				-027345
WELL C	OMPL			OMPLETION		AND LOG	6. IF 1		e or tribe name NA
1a. TYPE OF WORK							7. UN	IT AGREEMENT N	
		OIL WELL		AS DRY	Other			Ash	ley Unit
Ib. TYPE OF WELL					L				
NEW V	WORK		[] рі	UG DIFF	r1		8. FA	RM OR LEASE NAI	ME. WELL NO.
WELL X	OVER	DEEPEN		ACK RESVR.	Other			Ashley Fed	eral 10-22-9-15
2. NAME OF OPERATOR		Ne	wfield Prod	uction Compan	v		9. WI	ELL NO. 43-01	3-32825
3. ADDRESS AND TELEPHO					•		10. FB	ED AND POOL OF	WILDCAT
4. LOCATION OF WELL				000 Denver, C					Nent Butte
At Surface	. (Report local			FEL (NW/SE) Sec				AREA	JOCK AND SURVEY
At top prod. Interval repo	rted below							Sec. 22,	T9S, R15E
At total depth			14. API						
At total depth			14. AP1	43-013-32825	DATE ISSUEI	, 7/11/05	12. CO	UNTY OR PARISH	13. STATE UT
	6. DATE T.D. RI		17. DATE COM	IPL. (Ready to prod.)	18. ELEVATIONS (DF. RKB. RT. GR. I			19. ELEV. CASINGHEAD
5/5/06 20. TOTAL DEPTH. MD & T		8/06 21. plug bag	K T.D., MD & TVD	6/7/06 22. IF MULTIP		2' GL 23, INTERVALS	646 ROTARY TO	4' KB	CABLE TOOLS
	-			HOW MAN		DRILLED BY	NOTART IX		CABLE TOOLS
6060'			6018'			>		X	
24. PRODUCING INTERVAL	.(S). OF THIS CO	DMPLETION-			2'-5636'				25. WAS DIRECTIONAL SURVEY MADE
									No
26 TYPE ELECTRIC AND O Dual Induction G	THER LOGS RU	N.Compo	neated Dan	aity Company			V		27. WAS WELL CORED
23.	uaru, or	, compe		ASING RECORD (Rep	aled ineution,	GR, Caliper	, Cement B	ona Log	No
CASING SIZE/GRA	ADE	WEIGHT,	I.B./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CI	EMENT. CEMENTI		AMOUNT PULLED
8-5/8" - J-8 5-1/2" - J-8	55	24 15.5		320' 6064'	12-1/4" 7-7/8"	+	with 160 sx C nlite II and 450		
0 11 0 0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0001		020 8X116/		3x 30/30 1 02	
29.			ER RECORD			30.	· · · · · · · · · · · · · · · · · · ·	G RECORD	· · · · · · · · · · · · · · · · · · ·
SIZE	TOP (M	<u>D)</u>	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE 2-7/8"	DEPTH EO		$\frac{PACKER SET (MD)}{TA @}$
								'09'	5609'
1. PERFORATION RECOR INTER		and number)	<u>size</u>	SPF/NUMBEI	A DEPTH INT	,	,	EMENT SQUE	ZE, ETC. MATERIAL USED
INTER	(CP3) 56	28'-5636'	<u>312E</u> .46"	4/32	5628'-				and in 350 bbls fluid
	(LODC) 54	42'-5455'	.43"	4/52	5442'-		Frac w/ 35	,010# 20/40 sa	and in 396 bbls fluid
	(LODC) 51	36'-5144'	.43"	4/32	5136'-	-5144'	Frac w/ 19	,529# 20/40 sa	and in 295 bbls fluid
	(A1) 50	36'-5052'	.43"	4/64	5036'-		Frac w/ 70	,458# 20/40 sa	and in 549 bbls fluid
	, .	79'-4788'	.43"	4/36	4779'-				and in 428 bbls fluid
		34'-4646'	.43"	4/48	4634'-			,	and in 420 bbls fluid
	(DS3) 453 (GB2) 398		.43" .43"	4/60	<u>4533'-</u> 3982'-			,	and in 496 bbls fluid and in 266 bbls fluid
	(102) 00		.10		0002	0000	1740 07 10	101# 20/40 30	
3.*				PRODU			·		
6/7/06		RODUCTION		. gas lift. pumpingsize and ' x 1-1/2" x 14' F		naer Pump			ATUS (Producing or shut in) RODUCING
DATE OF TEST	HOURS	5 IESTED	CHOKE SIZE			GASMCF.	WATERBBL.		GAS-OIL RATIO
10 day ave				>	40	47	1	35	1175
LOW, TUBING PRESS.	CASING	5 PRESSURE	CALCULATED 24 HOUR RAD:	OIL-BBL.	GASMCF.		WATERBBL.	OIL GRAVE	Y-API (CORR.)
B. DISPOSITION OF GAS (So	ld, used for fuel.	vented, etc.)	Sold & Use	ed for Fuel	·		RE	CERVES	
LIST OF ATTACHMENTS	1				······································		່ງມູ	CEIVER 1 2 2006	· · · · · · · · · · · · · · · · · · ·
6. I hereby certify that the SIGNED				te and correct as determ	ined from all available	e records latory Spec		<u> </u>	
Mandie Cro	ozier								M
			*(See Instr	ructions and Spaces f	or Additional Data o	n Reverse Side	1		

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146-187. Section 0001 states if a crime torany accord cocouch and withinft to calle to accident accident rank y of the incert States any table. Kitters on threading is sufficient structures account of the rest of the incert States and tables in the rest of the incert States account of the incert States ac

ructions and opaces to ata on Reverse Side) 1150

	TOP	TRUE	VERT. DEPTH														 	 		 	 	
MARKERS	Ĩ		MEAS. DEPTH	3612'	3822'	3934'	4176'	4443'	4476'	4585'	4817'	4912	.0242	5928' 6067'								
38. GEOLOGIC MARKERS		NAME		Uarden Gulch Mkr	Garden Gulch 1	Garden Gulch 2	Point 3 Mkr	X Mkr	Y-Mkr	Douglas Creek Mkr	BiCarbonate Mkr	B Limestone Mkr		Basal Carbonate Total Depth (LOGGERS								-
drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	DESCRIPTION, CONTENTS, ETC.		11/ .H NT		Ashley Federal 10-22-9-15																	
ised, time tool open, flo	BOTTOM															 						
rval tested, cushion u	TOP									·							 <u> </u>	 				
drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	FORMATION																					-

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



IN REPLY REFER TO 3180 UT-922

JUL 1 3 2006

Newfield Exploration Company Attn: Laurie Deseau 1401 Seventeenth Street, Suite 1000 Denver, Colorado 80202

> Re: 14th Revision of the Green River Formation PA "A" Ashley Unit Duchesne County, Utah

Gentlemen:

The 14th Revision of the Green River Formation Participating Area "A", Ashley Unit, UTU73520A, is hereby approved effective as of April 1, 2006, pursuant to Section 11(a) of the Ashley Unit Agreement, Duchesne County, Utah.

The 14th Revision of the Green River Formation Participating Area "A", results in the addition of 142.78 acres to the participating area for a total of 5,706.75 acres and is based upon the completion of the following Unit Wells, as wells capable of producing unitized substances.

WELL N	D, API NO.	LOCATION	LEASE NO.	
10-22	43-013-32825	NWSE, 22-9S-15E	UTU027345	OK
11-22	43-013-32826	NESW, 22-9S-15E	UTU66185	OK.
12-22	43-013-32859	Lot 3, 22-9S-15E	UTU66184 .	15388->12414
12-23	43-013-32830	NWSW, 23-9S-15E	UTU02458	15392->1241

Copies of the approved requests are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 14th Revision of the Green River Formation Participating Area "A", Ashley Unit and its effective date.

Sincerely,

/s/ Douglas F. Cook

Douglas F. Cook Chief, Branch of Fluid Minerals RECEIVED JUL 1 4 2006

DIV. OF OIL, GAS & MINING

Enclosure

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345
SUNDF	Y NOTICES AND REPORTS C	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	pposals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: ASHLEY FED 10-22-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43013328250000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT		PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2035 FSL 2023 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: NWSE Section: 2	HIP, RANGE, MERIDIAN: 22 Township: 09.0S Range: 15.0E Meridia	an: S	STATE: UTAH
^{11.} CHEC	K APPROPRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
The subject well h injection well on 0 4104-4116' 4 JSPF Chris Jensen with the initial MIT on th pressured up to 143 loss. The well was	ACIDIZE CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all has been converted from a pr 8/14/2014. New intervals per 8/14/2014. New intervals per 8/14/2014. New intervals per 8/14/2014. New intervals per 6////////////////////////////////////	oducing oil well to an forated, GB4 sands - JSPF. On 08/19/2014 contacted concerning //2014 the casing was nutes with no pressure The tubing pressure State representative	Accepted by the Utah Division of Oil, Gas and Mining September 04, 2014 Date:
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBE 435 646-4874	R TITLE Water Services Technician	
SIGNATURE N/A		DATE 8/26/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness:	Date 8 /21 / 14 T	ime 830 🍙 pm
Test Conducted by: Dustin Allred		
Others Present:		
Asitle		(e
Well: 10-22-9-15	Field: GMBU	
Well Location: NW/SE Sec. 22 T9SRI Duchesne County, Utah	SE API No: 43-013-	32825

Time	Casing Pressure	
0 min	1438	psig
5	1437	psig
10	1438	psig
15	1438	psig
20	1437	psig
25	1437	psig
30 min	1437	- psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig
Tubing pressure:	600	psig
Result:	Pass F	ail

Signature of Witness: Signature of Person Conducting Test: Dust

Legend P23435 Absolute Pressure		9:01:40 AM 8/21/2014
		8/21/2014
		8:45:00 AM
		8/21/2014
1900-111 1800-1112 1500-1116 1400-1116 1300-1100-1100-1100-1100-1100-1100-1100	(isq) ətulosdA IZ9 S S S S S S S S S S S S S umhatmahatmahatmahatmahatmahatmahatmahat	100

10-22-9-15 MIT #2

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Job Detail Summary Report

Well Name: Ashle	Ashley 10-22-9-15			
SdoL				
Primary Job Type Conversion			Job Start Date 8/7/2014 Job End Date	8/21/2014
Daily Operations	ſ	mmarv		
/2014 Repu		, Unseat rods, flush tbg, reseat pump and PT tbg	-D rods and pump. X-over to tbg equip, ND WH, NU BOPS.	Prep to start pulling tbg in the morning.
Start Time 00:	00:00	End Time 12:00	Comment Shut Down for Night	
Start Time 12:	12:00	End Time 12:15	Comment Safety Meeting	
Start Time 12:	12:15	End Time 14:00	Comment RU pump 60bbls down csg @250f PU on rod unseat pump flush tbg w/ 30bbls @250f reseat pump fill tbg w/ 12bbls pres test tbg to 3000psi good test.	:50f reseat pump fill tbg w/
Start Time 14:	14:00	End Time 16:00	Comment LD rod string 98-3/4" 4pers RU HO flush tbg w/30bbls cont LD rods 91-3/4" plain rods 30-3/4" 4pers 6-1 1/2 wt bars pump.	ods 30-3/4" 4pers 6-1 1/2 wt
Start Time 16:	16:00	End Time 17:30	Comment Cross over to tbg eqp ND WH PU on tbg TAC was not set NU bops RD work floor RU tbg works(start pulling pipe in the morning)SWIFN	RU tbg works(start pulling pipe
Start Time 17:	17:30	End Time 18:00	Comment Clean & Secure Lease	
Start Time 18:	18:00	End Time 00:00	Comment Shut Down for Night	
Report Start Date Report E 8/8/2014 8/9	late 014	mmary king and doping collars, LD extra jnts on trailer r run. Circ hot water 3x tbg volume and never ca	good. No scale. MIRUWLT and try to get down w/GR. ion while on bottom. SDFWE.	Couldn'tget past 2200' RDWLT and made a bit
Start Time 00:	00:00	End Time 06:30	Comment Shut Down for Night	
Start Time 06:	06:30	End Time 07:00	Comment Safety Meeting	
Start Time 07:	07:00	End Time 12:00	Comment TOOH w/ tbg breaking and doping every collar w/ HO tricking heat down csg 96 jts out flush tbg w/ 20bbls @250f cont TOOH brealing collars 124 total jts.	s out flush tbg w/ 20bbls @250f
Start Time 12:	12:00	End Time 13:00	Comment LD extra jts onto trailer 57	
Start Time 13:	13:00	End Time 15:30	Comment Unload tbg from trailer 141 jts to pipe racks. RU wireline trk having troubles w/ guns 15:00pm got fixed head in hole w/ gauge ring 2400' stacked out POOH RD wireline.	rs 15:00pm got fixed head in
Start Time 15	15:30	End Time 18:00	Comment MU Slaughs 5 1/2 bit scrapper RIH PU L-80 off racks 133 jt EOT @4240' RU HO flush tbg w/ 65bbls @250f RD HO.	flush tbg w/ 65bbls @250f RD
Start Time 18.	18:00	End Time 19:00	Comment TOOH w/ scraper 132 jts L-80 tbg SWIFN	
Start Time 19.	19:00	End Time 19:30	Comment Clean & Secure Lease	
Start Time 19		End Time 00:00	Comment Shut Down for Night	
iri Date Repo	Report End Date 24hr Activity Sur 8/12/2014 Perf stg 9 & psi injected	w/ RBP and pkr. .25 BPM @ 3000	Set tools above perfs and PT csg/BOPS/tools. Release tools and TIH to set RBP below stg 1 and set pkr above stg 1.) psi. Pressure bled off quickty. Release pkr and let it hang. MIRU Nabors sand mover and frac equipment. SWIFN.	above stg 1. BD perfs at 3100 SWIFN.
	00:00	End Time 06:30	Comment Shut Down for Night	
Start Time 06	06:30	End Time 07:00	Comment Safety Meeting	
www.newfield.com			Page 1/3	Report Printed: 8/25/2014

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NEWFIELD			Job Deta	b Detail Summary Report
Well Name: Ash	Ashley 10-22-9-15			
Start Time 0	00:20	End Time	10:00	Comment RU wireline RIH shoot 1st set perfs @4136'-4174' POOH LD gun RIH w/ 2nd gun shoot perfs @4104'-4116' POOH RD wireline
Start Time	10:00	End Time	12:30	Commert MU RIH w/ RBP and PKR w/ L-80 tbg set RBP @ 3970' pu set PKR @ 3928' fill csg w/ 40bbls tset to surface 1200psi good fill tbg w/ 17bbls test tools to 1000psi good release tool move down hole set RBP @ 4190' PU set PKR @ 4124' fill tbg w/ 7bbls pres up on perfs 3100psi perfs broke down HO pump 5bbls into perfs 1/4bbl mins between 2800psi and 3000psi shut down pres bleed back to 500psi release PKR SWIFN.
Start Time	12:30	End Time	17:30	Comment MIRU sand mover. MI and unload sand. MIRU frac equipment.
	17:30	End Time	00:00	Comment Shut Down for Night
Report Start Date Report 8/12/2014 8	Report End Date 24hr Activity Sum 8/13/2014 Frac stages 9	24hr Activity Summary Frac stages 9 & 10 flowing each one back.		POOH laying down the frac string and tools. RBIH w/ injection string.
	1	End Time		Comment Shut Down for Night
Start Time 0	02:00	End Time	07:30	Comment Safety Meeting
Start Time D	07:30	End Time	08:00	Comment (Sig #1 17# Frac) (GB6) Press test lines to 7200 psi, Open well w/ 248 psi, Break down formation w/ 1.5 bbls fresh water @ 1.9 bpm @ 3632 psi, Bring rate to 18 bpm while bullheading 11.9 bbls 15% HCL, no shut down for ISDP, Frac well w/ 308.1 bbls 17# gel fld, Pumped 31,550# 20/40 white sand in formation, ISIP 1469 psi, F.G. 79, Tot pumped 320, TFTR 344.1
Start Time 0	08:00	End Time	06:30	Comment Open well on #26 choke flow tell dead 45mins total flow back: 140bbls and lots of sand. 204.1 TFTR. PU release PKR circ well clean TiH tag fill @ 4170' had 20' of sand on top of RBP. Circ well clean release RBP.
Start Time 0	09:30	End Time	10:00	Comment Move tools up hole set RBP @ 4126' pkr @ 4092' RU frac line to tbg.
Start Time	10:00		10:30	Comment (Stg #2 17# Frac) (GB4) Press test lines to 7200 psi, Open well w/ 138 psi, Break down formation w/ 2 bbls fresh water @ 1.8 bpm @ 3874 psi, Bring rate to 18 bpm while bullheading 11.9 bbls 15% HCL,. No shut down for ISDP, Frac well w/ 405.5 bbls 17# gel fld, Pumped 55,115# 20/40 white sand in formation, ISIP 1406 psi, F.G78, Tot pumped 417.4, TFTR 621.5
Start Time	10:30	End Time	12:30	Comment. Open well on #26 choke tell dead 190 bbls total flow back. TFTR 431.5. PU release PKR circ well clean TIH tag 15' fill to 4111'. Clean out to RBP and cont circ. Well still giving up sand. Made a clean latch onto RBP, PU release tools.
Start Time	12:30	End Time	15:00	Comment TOOH side ways LD L-80 work string 132 jts PKR and RBP.
Start Time	15:00	End Time	17:00	Comment MU RIH 1-2 3/8" Re-Entry Guide,1-2 3/8" XN-Nipple,1-4'x2 3/8 tbg sub,AS1X PKR,on-off tool,2 7/8" PSN,124 jts 2 7/8" J-55 tbg holes full drop SV circ down w/ 23bbls pres up tbg 3000psi ck in morning. SWIFN.
Start Time	17:00	End Time	17:30	Comment Clean & Secure Lease
	1	End Time (00:00	Comment Shut Down for Night
Report Start Date Repor 8/13/2014 8	Report End Date 24hr Activity Sun 8/14/2014 Tbg psi test	mmary good. Retrieve SV, ND I	BOPS, land tbg on WH, pt	24th Activity Summary Tbg psi test good. Retrieve SV, ND BOPS, land tbg on WH, pump pkr fld, set pkr w/ 15K tension in string. Fill csg and psi test csg. Do a MIT. RDMOWOR and equip.
		End Time	06:30	Comment Shut Down for Night
www.newfield.com				Page 2/3 Report Printed: 8/25/2014

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Image: A list in the colspan="2">Image: A list is a list in the colspan="2" list in the colspan="2" list is a list in the colspan="2" list is a list in the colspan="2" list is a list in the colspan="2" list in the colspan="2" list is a list in the colspan="2" list in the colspa="2" list in the colspa="2" list in the colspan="2" list in the co	NEWFIELD			doL	Job Detail Summary Report
06:30 End Time 07:00 07:00 67.00 09:30 07:00 87.00 09:30 08:30 87.00 09:30 08:30 87.00 09:30 09:30 10:30 10:30 10:30 10:30 12:30 10:30 10:30 12:30 8201End Date 24th Activity Summay 08:30 08:30		hley 10-22-9-15			
06:30 End Time 07:00 07:00 08:30 08:30 07:00 8:30 08:30 08:30 08:30 08:30 08:30 10:30 08:30 08:30 10:30 10:30 10:30 10:30 10:30 10:30 10:30 12:30 10:30 12:30 12:30 10:30 12:30 12:30 08:30 08:00 08:00					
07:00 End Time 08:30 08:30 8:30 9:30 08:30 End Time 09:30 09:30 10:30 10:30 10:30 End Time 10:30 10:30 End Time 10:30 10:30 End Time 10:30 08:30 Ion Time 12:30 08:30 Ion Time 09:00		06:30	End Time	02:00	Comment Safety Meeting
08:30 08:30 09:30 08:30 09:30 10:30 09:30 10:30 10:30 10:30 10:30 12:30 Report End Date 22th Activity Summary 12:30 08:30 08:30 09:00		00:20	End Time	08:30	Comment Ck tbg pres lost 450psi over night pres back up to 3000psi watch 30mins lost 80psi pres back up 3000psi wat 30mins no loss watch another 30mins good.
09:30 End Time 10:30 10:30 10:30 12:30 Report End Date 224tr Activity Summary 12:30 08:30 08:30 09:00		08:30	End Time	09:30	Comment Ck tbg pres lost 450psi over night pres back up to 3000psi watch 30mins lost 80psi pres back up 3000psi wat 30mins no loss watch another 30mins good.
10::30 Find Time 12::30 Report End Date 24tr Activity Summary 12::30 08::30 08::30 09::00		06:30	End Time	10:30	Comment land tbg on WH pump 65bbls PKR fluid PU on tbg set AS1X @3939' C.E. w/ 15,000 tension land w/ 3K inj tre PSN @ 3933' EOT @3949'.
Report End Date Zetrix Activity Summary 8/21/2014 Conduct MIT 08:30 08:00			End Time	12:30	Comment Fill csg w/ 2bbls pres up csg to 1500psi watch 30mins lost 40psi bump back up to 1500psi watch 30mins no li keep watching tell MIT shows up 11:45am RU MIT test to csg 30mins good RDMO (Final Report)
08:30 09:00			stivity Summary		
			End Time	00:00	Comment On 08/19/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the al listed well. On 08/21/2014 the casing was pressured up to 1437 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 600 psig during the test. There was not a State representative available to witness the test.

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NEWF	ELD				Schemat	ic		
~	<u>den</u>							
Well Nam Surface Legal Loc		nley 10)-22-9	-15	API/UWI Well RC		Lease Slate/Province	Field Name County
22-9S-15E					43013328250000 50015	9399	Utah Total Depth All (TVD) (ftKB)	GMBU CTB2 DUCHESNE PBTD (AII) (ftKB)
Spud Date	Rig Rele 8/13/2	ase Date 014		oduction Date 2006	Original KB Elevation (ft) Ground Elevation (6,464 6,452	R)	Total Depth All (TVD) (IIKB)	Original Hole - 6,018.1
Most Recent	Job					-		True and
Job Category Production / 1	Workover			ry Job Type version	Secondary Job Type OAP		Job Start Date 8/7/2014	Job End Date 8/21/2014
TD: 6,064			1		Vertical - Original Hole, 8/25/	2014 1:0	0:54 PM	
12. 0,001	TVD	_			vonical engineero,			
MD (ftKB)	(ftKB)	Incl	(°)	DLS DLS (°		Vert	ical schematic (actual)	
12,1							— 3-1; Tubing Hanger; 7 1/16;	12-13 [.] 0.90
12.8					EL 6008 13			
13 1							-3-2; Stretch Correction; 2 7/	8; 2.441; 13-13; 0.33
60,0								
319.6								1
320.5						VIII III	1; Surface; 8 5/8 in; 8.097 in -3-3; Tubing; 2 7/8; 2.441; 13	
3,934.7							-	2 7/8; 2.250; 3,935-3,936; 1.10
3,936,0								
3,937,3								
3,944.6								
3,945,2								
3,949.1								
3,950,1								
3,950,5								
3,982,0								2/2006
3,987.9								
4,104_0						-		11/2014
4,116,1								
4,136,2								11/2014
4,173.9					\$2000			
4,533.1								2/2006
4,547.9								
4,633.9								2/2006
4,646.0								
4,778.9						15	Perforated; 4,779-4,788; 6/2	2/2006
4,788.1								
5,036.1							Perforated; 5,036-5,052; 6/	2/2006
5,051.8						0		
5,136.2							Perforated; 5,136-5,144; 6/	2/2006
5,144.0 5,441.9								
5,441.9							Perforated; 5,442-5,455; 6/	2/2006
5,628.0								
5,636.2							— Perforated; 5,628-5,636; 5/	24/2006
5,987.9								
6,009.8								
6,018.0								
6,018.7								
6,063.6								
6,064.3							2; Production; 5 1/2 in; 4.9	50 in; 12-6,064 ftKB; 6,052.39 ft
www.new	field.com	1		1	Page 1	/1		Report Printed: 8/25/201



Newfield Wellbore Diagram Data Ashley 10-22-9-15

	State/Province			Basin		Field Name		
						GMBU CTB2		
	Spud Date			Final Rig Release Date	2014	On Production Date 6/7/2	2000	
	Total Depth (ft	KB)		8/13/2 Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB)	2006	
			6,064.4				8.1	
				10 (11)	14/6/1 on (16/64)	Crada		
65		Date					Set Depth (ftKB)	
				1			6,0	
	10/10/2000		0 112	1.000			0,0	
ftKB 5/6/2006		_						
				Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)	
ý							Estimated Top (ftKB)	
				Lead	160	G	1	
6,064ftKB 5/18/2	006							
v				Top Depth (ftKB) 60.0			Vol Cement Ret (bbi)	
	t ok/koloool	1/2#la/ak	Collo Eloko	Fluid Type	Amount (sacks)	Class Promite II	Estimated Top (fiKB)	
.5# \$ /\$K USE + 2	- sk/koiseal -	- 1/2# S/SK			320 Amount (sacks)	Class	6 Estimated Top (ftKB)	
5%EC1,1/4# sk C.	F. 2% gel. 3'	% SM		Tail			3,06	
				Pus Dok		Set Depth (#//P)		
					2014	Ger Depiri (IIKB)	3,95	
Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
							1:	
							1	
			6.50	J-55			3,93	
							3,93	
							3,93	
							3,94	
							3,94	
			4.70	J-55		and the second sec	3,94	
							3,950 3,950	
	2 3/8	1.995			0.39	5,950.1	3,95	
				Run Date		Set Depth (ftKB)		
Jits	OD	(in)	Wt (Ib/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
11								
	Des			Top (ftKB)	Btrn (ftKB)	Run Date	Pull Date	
				5,988	6,018	10/7/2008		
	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date	
		3,982					6/2/2006	
10 GB4, Original Hole		4,104	4,116	4	120	0.340	8/11/2014	
9 GB6, Original Hole		4,136			120	0.340	8/11/2014	
7 DS3, Original Hole		4,533	4,548	4	90	0.430	6/2/2006	
6 D1, Original Hole		4,634	4,646	4			6/2/2006	
5 C, Original Hole							6/2/2006	
4 A1, Original Hole							6/2/2006	
-		5,136					6/2/2006	
-		5,442					6/2/2006	
		5,628	5,636	4	120	0.460	5/24/2006	
itments								
	Erac Grad	ient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)	
ISIP (psi)				2 385		1		
ISIP (psi) 2,00 1,92	5	0.79 0.79	25.1 25.3					
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www.newfield.com



Newfield Wellbore Diagram Data Ashley 10-22-9-15

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)	
4	2,680	0.97	32.2	2,776				
5	2,160	0.89	25.2	2,433				
6	2,190	0.91	25.0	2,206				
7	2,054	0.94	25.2	2,297				
8	1,380	0.78	14.6	1,567				
9						1.5		
10	2,151		4.4	2,151				
11	1,602		5.0	1,800				
12	2,360		3.2	2,360				
13	2,540	and the second se	2.5	2,600				
Proppant								
Stage#	Total Prop Vol Pumped (lb)			Total Add	i Amount			
1	(ID)	Proppant White Sand	24469 lb	Total / Ida				
2		Proppant White Sand						
3		Proppant White Sand						
4		Proppant White Sand 70458 lb						
5		Proppant White Sand 39615 lb						
6		Proppant White Sand 49707 lb						
7		Proppant White Sand						
8		Proppant White Sand						
9		Scale Dissolver 36 b						
10		Scale Dissolver 97.6	bbl					
11		Scale Dissolver 79.3	bbl					
12		Scale Dissolver 71.8	bbl					
		Scale Dissolver 103						

	STATE OF UTAH			FORM 9
	DEPARTMENT OF NATURAL RESOL DIVISION OF OIL, GAS, AND N		3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345
SUNDF	Y NOTICES AND REPORT	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	pposals to drill new wells, significan reenter plugged wells, or to drill hor n for such proposals.			7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well				8. WELL NAME and NUMBER: ASHLEY FED 10-22-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY			9. API NUMBER: 43013328250000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4		DNE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2035 FSL 2023 FEL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSI	HIP, RANGE, MERIDIAN: 22 Township: 09.0S Range: 15.0E M	eridian:	S	STATE: UTAH
^{11.} CHEC	K APPROPRIATE BOXES TO INDI	CATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	 ACIDIZE CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly she erence well was put on inj 10/01/2014.			CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Method by the Utah Division of Oil, Gas and Mining FOR RECORD ONLLY October 09, 2014
NAME (PLEASE PRINT)	PHONE NU		TITLE	
Lucy Chavez-Naupoto SIGNATURE N/A	435 646-487	4	Water Services Technician DATE 10/2/2014	



GARY R. HERBERT Governor SPENCER J. COX Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining JOHN R. BAZA Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-383

- **Operator:** Newfield Production Company
- Well: Ashley Federal 10-22-9-15
- Location: Section 22, Township 9 South, Range 15 East
- County: Duchesne
- **API No.:** 43-013-32825
- Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on June 12, 2012 and revised July 29, 2014.
- 2. Maximum Allowable Injection Pressure: 1,354 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- Injection Interval: Green River Formation (3,924' 6,018') 4.
- 5. Any subsequent wells drilled within a ¹/₂ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by John Rogers Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal Jill Loyle, Newfield Production Company, Denver Newfield Production Company, Myton **Duchesne** County Well File N:\O&G Reviewed Docs\ChronFile\UIC\Newfield

<u>OQ-2U-14</u> Date





State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

GARY R. HERBERT Governor SPENCER J. COX Lieutenant Governor

Division of Oil, Gas and Mining JOHN R. BAZA Division Director

> June 12, 2012 **Revised July 29, 2014**

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley Federal 10-22-9-15, Section 22, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32825

Newfield Production Company:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
- 5. The top of the injection interval shall be limited to a depth no higher than 4,038 feet revised to 3,924 feet in the Ashley Federal 10-22-9-15 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely, nn Rogers Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal Duchesne County Newfield Production Company, Myton Well File N:\O&G Reviewed Docs\ChronFile\UIC





State of Utah

MICHAEL R. STYLER Executive Director

DEPARTMENT OF NATURAL RESOURCES

GARY R. HERBERT Governor GREGORY S. BELL

Lieutenant Governor

Division of Oil, Gas and Mining JOHN R. BAZA

Division Director

June 12, 2012

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: <u>Greater Monument Butte Unit Well: Ashley Federal 10-22-9-15, Section 22, Township 9 South, Range</u> 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32825

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
- 5. The top of the injection interval shall be limited to a depth no higher than 4,038 feet in the Ashley Federal 10-22-9-15 well.

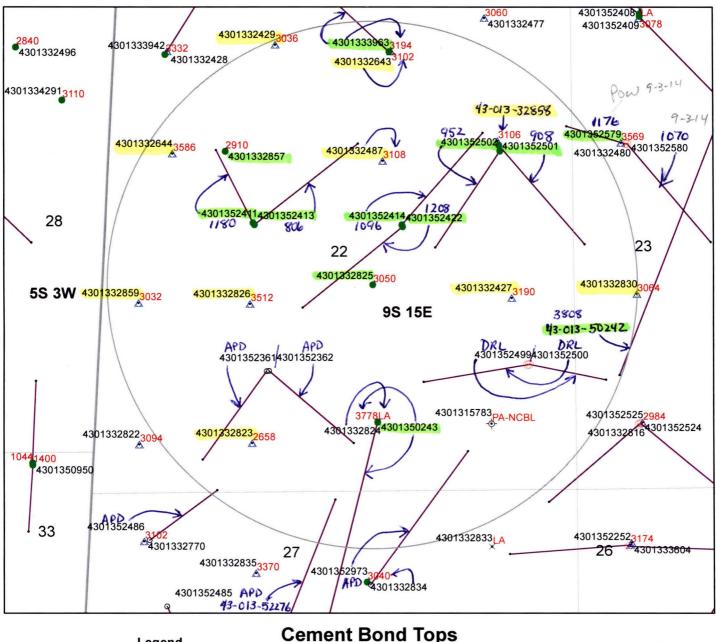
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Sincerel ohn Rogers Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal Duchesne County Newfield Production Company, Myton Well File N:\O&G Reviewed Docs\ChronFile\UIC







- Oil & Gas Well Type O APD-Approved Permit
- DRL-Spudded (Drilling Commenced)
 GIW-Gas Injection Well
- GIW-Gas Injection Well GSW-Gas Storage Well
- × LA-Location Abandoned
- O LOC-New Location Well
- OPS-Drilling Operations Suspended
- PA-Pugged & Abandoned
- PGW-Producing Gas Well
- POW-Producing Oil Well
- RET-Returned APD
- -X SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- X TA-Temp Abandoned
- O TW-Test Well
- WDW-Water Disposal Well
- A WIW-WaterInjection Well
- WSW-Water Supply Well

Cement Bond Tops Ashley Federal 10-22-9-15 API #43-013-32825 UIC-383.8 (uplated 9/26/2014)

0 0.05 0.1 0.2 0.3 0.4

Depth to top of
 suitable cement bond
 Well Bottom Hole Location
 Oil & Gas Wells Hole Directional Path
 Wells-CbltopsMaster 1-31-13
 DNR Oil Gas Wells Buffer

County Boundaries

PLSS Sections

PLSS Townships

DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

 Applicant: Newfield Production Company
 Well: Ashley Federal 10-22-9-15

Location: <u>22/98/15E</u> API: <u>43-013-32825</u>

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government (BLM) is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 320 feet and has a cement top at the surface. A $5\frac{1}{2}$ inch production casing is set at 6,064 feet. A cement bond log demonstrates adequate bond in this well up to about 3,050 feet. A 2 7/8 inch tubing with a packer is proposed at 3,932 feet, but will need to be adjusted downward. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (9/26/2014), on the basis of surface locations, there are 10 producing wells, 10 injection wells, and 1P/A well in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. Also, there is 1 directionally drilled producing well with a surface location inside the AOR. There is 1 horizontal producing well with a surface location outside the AOR and bottom hole location inside the AOR and a bottom hole location outside the AOR and bottom hole location well with a surface location outside the AOR and a bottom hole location outside the AOR and bottom hole location barely inside the AOR. Finally, there are 3 approved surface locations outside the AOR for directional wells to be drilled to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2000 feet. Injection shall be limited to the interval between 3,924 feet and 6,018 feet in the Green River Formation Information submitted by Newfield indicates that the fracture gradient for the 10-22-9-15 well is 0.78 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,354 psig. The requested maximum pressure is 1,354 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected. Ashley 10-22-9-15 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 2/2/2012 (revised 9/26/2014)

4770 S. 5600 W. P.O. BOX 704005 WEST VALLEY CITY. UTAH 84170 FED.TAX I.D.# 87-0217663	The Salt Lal		MEDI	Due	2.000	et News
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1594 W NORTH TE P.O. BOX 145801 SALT LAKE CITY,	MP#1210 UT 84114	4.05 OK.C.				
	ACCOU	NTNAME			BEFORE THE D	IVISION OF OIL, GAS AND MINING
	DIV OF OIL-G	AS & MINING,				STATE OF UTAH TICE OF AGENCY ACTION CAUSE NO. UIC-383 THE APPLICATION OF NEWFIELD PRODU
TELEPHONE		ADOR	DER# / INV	OICE NUMB	TION COMPANY FOR WELLS LOCATED IN SOUTH, RANGE 15	ADMINISTRATIVE APPROVAL OF CERTA SECTIONS 14, 15, AND 22, TOWNSHIP EAST, AND SECTION 13, TOWNSHIP AST, DUCHESNE COUNTY, UTAH, AS CLA
801538534)	0000758	3932 /		II INJECTION WELLS. THE STATE OF UTA ABOVE ENTIFIED MA	H TO ALL PERSONS INTERESTED IN TH TTER. en that the Division of Oil, Gas and Mi
Charles and the second	SCHI	COULE		公院的现象	ing (the "Division") proceeding to consistion Compony for to walls located in D	TER. TER. en that the Division of Oil, Gas and Mi is commercing an informal adjuvication is commercing an informal adjuvication identification of NewField Produ- digministrative approval of the followin division of the followin division of the followin division of the following division of the following division of the following division of the following the followi
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	CUST,	REF. NO.		n si si si	Ashley Federal 14- tion 14, Township 9	South, Range 15 East
	JIC-383				fion 15, Township 9	South, Range 15 East
	CAI	TION			tion 22, Township 9 API 43-013-32428 Ashiny Federal 10-	2-9-15 well located in NW/4 NW/4, Se South, Range 15 East 22-9-15 well located in NW/4 SE/4, Se South, Range 15 East 32-9-15 well located in NW/4 SW.
BEFORE THE DIVISION OF C	DIL, GAS AND N	IINING DEPAR	TMENT OF N		API 43-013-32825 Ashley Federal 12 Section 22, Townshi	-22-9-15 well located in NW/4 SW, o 9 South, Range 15 East
BEFORE THE DIVISION OF C	S	IZE			Ashley Federol 14- tion 22, Township 9 API 43-013-32823	22-9-13 well located in SE/4 SW/4, Se South, Range 15 East
	59 Lines	2.0			Township 0 South 9	ell located in NE/A NW/A, Section 1 ange 16 East II be conducted in accordance with U dministrative Procedures.
TIMES			RATE	b. Ale	Admin. R649-10, Ad Selected zones in It water Injection. The	Iministrative Procedures. The Green River Formation will be used the maximum requested injection pressu letermined based on fracture gradient
4					formation submitter Any perior desiring intervone in the pro-	Initializative Procedures. e Green River Formation will be used the maximum requested injection pressu- letermined based on fracture gradient by NewField Production Company. I b object to the application or others ceeding, mult file a written protect or with the Division within fifteen days f
MISC. CHARGES		2009-00-29 1	AD CHAR	GES	tice of Intervention lowing publication cer for the processo P.O. Box 145801, number (801) 538- notice of Interventi- in accordance with dural rates. Prote	of this notice. The Division's Presiding O ling is Brad full, Permitting Manager, at Sait Lake Cirv, UT 34114-5801, pb 3340. If such a protest er on is received, a haaring will be schedu the aforementioned administrative pro stants and/or interveners should be p ate at the hearing how this matter affi
			TOTAL C			y of Jonuary, 2012.
			236.84	4	1	UPA

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AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-383 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS, COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS COM INDEFINATELY.

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	Start	01/16/2012	End	01/16/2012	10000	VIRGINIA CRAFT
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		PLEASE PAY FRO	M BILLI	NG STATEMENT		V

AFFIDAVIT OF PUBLICATIONED RECENSE JAN 19 202 JAN 19 202

STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for / consecutive issues, and that the first publication was on the 17 day of <u>Tanuary</u>, 20/2, and that the last publication of such notice was in the issue of such newspaper dated the _17_day of January 20 1.2, and that said notice was published on Utahlegals. com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Publisher

Subscribed and sworn to before me this

20 1/2 day of

Notary Public



NOTICE OF AGENCY ACTION CAUSE **NO. UIC-383**

BEFORE THE DIVI-SION OF OIL, GASAND MINING, DEPART-MENT OF NATURAL **RESOURCES**, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRO-DUCTION COMPANY FOR ADMINISTRA-TIVE APPROVAL OF CERTAIN WELLS LOCATED IN SEC-TIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH. RANGE 15 EAST, AND SECTION 13, TOWN-SHIP9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

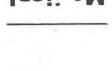
THESTATEOFUTAH

TO ALL PERSONS IN-TERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield **Production Company** for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument **Butte Unit:**

Ashley Federal 10-14-9-15 well located in NW/4 SE/4, Section 14, Township 9 South, Range



Custin 307-630-7144. monthly. Contact Ryan stages of put up, routs IA hut wer lis priyud

Federal 21-13Y well located in NE/4 NW/4, Section 13, Township 9 South, Range 16 East API 43-013-31400

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340.

If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/ or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of January, 2012.

STATE OF UTAH DIVISION OF OIL, **GAS & MINING**

/s/

Brad Hill

Permitting Manager Published in the Uintab Basin Standard January 17, 2012.

MISC WANTED

The Salt Lake Tribune



Order Confirmation for Ad #0000758932-01

Deservet News

WWW DELERINEWS CON

Client DIV OF OIL-GAS & MINING			P	ayor Customer	DIV OF OIL-GAS & MINING		Ad Content Proof Actual Size		
Client Phone 801-538-5340				ayor Phone	801-538-5340		BEFORE THE DIVISION OF OIL, GAS AND J DEPARTMENT OF NATURAL RESOURC STATE OF UTAH	MINING ES	
							NOTICE OF AGENCY ACTION CAUSE NO. UIC-383		
Account# 9001402352				ayor Account	9001402352		IN THE MATTER OF THE APPLICATION OF NEWFIELD PR TION COMPANY FOR ADMINISTRATIVE APPROVAL OF C		
Address	1594 W NO	RTH TEMP #1210, P.O.	BOX 145801 P	ayor Address	1594 W NORTH TEMP #1210,P.O. BO)		WELLS LOCATED IN SECTIONS 14, 15, AND 22 SOUTH, RANGE 15 EAST, AND SECTION 13, SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, U	TOWNSH	
	SALT LAKE	CITY, UT 84114 USA			SALT LAKE CITY, U	T 84114	II INJECTION WELLS.		
							THE STATE OF UTAH TO ALL PERSONS INTER ABOVE ENTITLED MATTER.	RESTED IN	
Fax801-359-3940EMailearlenerussell@utah.gov		c	ordered By	Acct. Exec		Notice is hereby given that the Division of Oil, Gas and ing (the "Division") is commencing an informal adjud			
		Jean		mfultz		ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and ing (the Division) is commercing an informal adjubic proceeding to consider the application of Newfield Pr tion Company for administrative approval of the follo wells located in Duckesre Courty, Utat, for conversion Class II injection wells: Greater Morument Bure Utits Astley Federal 10-14-9-15 well located in NW/4 : Section 14, Towrship 9 South, Range 15 East Astley Federal 14-2-15 well located in SF/4 SW/4.			
Total Amo	unt	\$236.84					Greater Monument Butte Units Astley Federal 10-14-9-15 well located in Control 1 Council of South Renum 16 Fort	r NW/4 S	
Payment Amt \$0.00		•			<u>Affidavits</u> 1		Section 14, 16W15110 9 30017, Kunge 1 5 2021 API 43 01 3-32401 Ashley Federal 1 4-14-9-15 well locared in SE/4 SW/4, tior 14, Township 9 Sotth, Range 15 East API 43-01 3-32670		
		\$0.00	Tear Sheet	<u>s Proofs</u>					
Amount Due		\$236.84	0	0			Astrey Federal 16-15-9-15 well located in SE/4 SE/- tion 15, Township 9 South, Range 15 East	E/4 SE/4,	
Payment Met	hođ			PO Number	UIC-383		API 43-013-32642 Astley Federal 4-22-9-15 well located in NW, tion 22, Township 9 South, Range 15 East API 43-013-32428		
Confirmation							Ashley Federal 10-22-9-15 well located in NV tion 22, Township 9 South, Range 15 East APL 43-013-329-25	N/4 SE/4,	
Text:	Jean						Ashley Federal 12-22-9-15 well located in Section 22, Township 9 South, Range 15 East API 43-013-32859	NW/4 SV	
Ad Type		Ad Size		Color			Arily Federal 14-22-9-15 well located in SE tion 22, Township 9 South, Range 15 East API 43-013-32823	:/4 SW/4,	
Legal Liner		2.0 X 69 Li		<none></none>			API43-013-32823 Enderni 31-137 well (content in NE/4 NW/	A Section	
							Federal 21-137 well located in NE/4 NW/- Township 9 South, Range 16 East API 43-013-31400		
Product		<u>Placement</u>		<u>Positi</u>	<u>on</u>		API 43-013-31400 The proceeding will be conducted in accorde Admin. R649-10, Administrative Procedures, Selected zores in the Green River Formation w water injection. The maximum requested in je and rates will be determined based or fracts. Intervention desting to object to the applicative intervene in the proceeding, must fille a writter take of intervention with the Division within fill lowing publication of this notics. The Division's cer for the proceeding is Brad Hill, Permitting J P.O. Box 1 45601, Soit Lake City, UT 6411- number [601) 538-5340. If such a protest or notice of intervention with the aforementioned details runber [601) 538-5340. If such a protest or notice of intervention is received, a hearing wi in accordance with the aforementioned admini- dural rules. Protestants and/or intervenes:	arce with	
Salt Lake Tribune:: Legal Liner Notic		ce - 0998	Public	Meeting/Hear-ing	Notices	Selected zones in the Green River Formation w water injection. The maximum requested inje	vill be use ection pres		
Scheduled	Date(s):	01/16/2012					formation submitted by Newfield Production Co	ire gradie ompany.	
Product		Placement		Positi	on		Any person desiring to object to the application intervene in the proceeding, must file a written the object of intervention with the finite written	n protest o from days	
Deseret News:: Legal Liner Notice -		ce - 0998				lowing publication of this notice. The Division's cert for the oncentration is find till. Remaining the second sec	Presiding		
Scheduled		01/16/2012			inconsignition ing		P.O. Box 145801, Solt Lake City, UT 8411 number (801) 538-5340. If such a protect or	4-5801, p	
	Dute(0).			B 141			rotice of intervention is received, a hearing wi in accordance with the aforementioned admini	ill be scheo istrative p	
Product Placement		0000	Position		Notiona	pared to demonstrate at the hearing how this	stould be matter a		
sltrib.com:: Legal Liner Notic		ce - 0998	Public	Meeting/Hear-ing Notices		their interests. Dated this 10th day of January, 2012.			
Scheduled	Date(s):	01/16/2012					STATE OF UTAH DIVISION OF OIL, GAS & MINING		
Product		<u>Placement</u>		<u>Positi</u>	on		/s/ Brad Hill Permitting Manager 758932	UP	
	00m	utahlegals.com		utahle	gals.com		1 JU 7 J Z	UP)	
utahlegals.		01/16/2012			•				

1



State of Utah

Division of Oil, Gas and Mining

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

GARY R. HERBERT Governor GREGORY S. BELL Lieutenant Governor

JOHN R. BAZA Division Director

January 12, 2012

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-383

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be</u> <u>published</u>. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Un Sweet

Jean Sweet Executive Secretary

Enclosure



BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-383

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 13, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 10-14-9-15 well located in NW/4 SE/4, Section 14, Township 9 South, Range 15 East API 43-013-32401

Ashley Federal 14-14-9-15 well located in SE/4 SW/4, Section 14, Township 9 South, Range 15 East API 43-013-32670

Ashley Federal 16-15-9-15 well located in SE/4 SE/4, Section 15, Township 9 South, Range 15 East API 43-013-32642

Ashley Federal 4-22-9-15 well located in NW/4 NW/4, Section 22, Township 9 South, Range 15 East API 43-013-32428

Ashley Federal 10-22-9-15 well located in NW/4 SE/4, Section 22, Township 9 South, Range 15 East API 43-013-32825

Ashley Federal 12-22-9-15 well located in NW/4 SW/4, Section 22, Township 9 South, Range 15 East API 43-013-32859

Ashley Federal 14-22-9-15 well located in SE/4 SW/4, Section 22, Township 9 South, Range 15 East API 43-013-32823

Federal 21-13Y well located in NE/4 NW/4, Section 13, Township 9 South, Range 16 East API 43-013-31400

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or

notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of January, 2012.

STATE OF UTAH DIVISION OF QIL, GAS & MINING

Brad Hill Permitting Manager

Newfield Production Company

ASHLEY FEDERAL 10-14-9-15, ASHLEY FEDERAL 14-14-9-15, ASHLEY FEDERAL 16-15-9-15, ASHLEY FEDERAL 4-22-9-15, ASHLEY FEDERAL 10-22-9-15, ASHLEY FEDERAL 12-22-9-15, ASHLEY FEDERAL 14-22-9-15, FEDERAL 21-13Y

Cause No. UIC-383

Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 via e-mail <u>legals@ubstandard.com</u>

Salt Lake Tribune P O Box 45838 Salt Lake City, UT 84145 via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 South 500 East Vernal, UT 84078 Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Ute Tribe P O Box 190 Ft Duchesne, UT 84026

Juan Sweet

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-383

From:Cindy Kleinfelter <classifieds@ubstandard.com>To:Jean Sweet <jsweet@utah.gov>Date:1/12/2012 1:05 PMSubject:Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-383

On 1/12/2012 11:35 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary Utah Div. of Oil, Gas & Mining 1594 West Temple, Suite 1210 Salt Lake City, UT 801-538-5329 jsweet@utah.gov

Hello. It will publish Jan. 17. Thanks Cindy



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

GARY R. HERBERT Governor GREGORY S. BELL Lieutenant Governor

Division of Oil, Gas and Mining JOHN R. BAZA Division Director

January 12, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-383

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be</u> <u>published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet Executive Secretary

Enclosure



From:"Fultz, Mark" <naclegal@mediaoneutah.com>To:<jsweet@utah.gov>Date:1/12/2012 1:30 PMSubject:UIC-383Attachments:OrderConf.pdf

AD# 758932 Run Trib/DNews - 1/16 Cost \$236.84 Thank you Mark



January 3, 2012

Mr. Mark Reinbold State of Utah Division of Oil, Gas and Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well Ashley Federal #10-22-9-15 Monument Butte Field, Lease #UTU-027345 Section 22-Township 9S-Range 15E Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #10-22-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead

RECEIVED JAN 0 5 2012

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

ASHLEY FEDERAL #10-22-9-15

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-027345

JANUARY 3, 2012

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Ashley Federal #10-22-9-15

APPLICATION FOR INJECTION WELL - UIC FORM 1

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and nur	nber:	Ashley Fe	deral #10-2	22-9-15					
Field or Unit name:	Monument E	utte (Green	River)				Lease No.	UTU-0273	345
Well Location: QQ	NWSE	section	22	township	9S	range	15E	county	Duchesne
Is this application fo	or expansion o	of an existing	g project?			Yes [X	No []		
Will the proposed w	ell be used fo	r:	Disposal	d Recovery? ?		Yes []	No [X]		
Is this application for	or a new well t	o be drilled?	>			Yes[]	No [X]		,
If this application is has a casing test Date of test: API number: 43-0	been perform		ell? - -		· · · · · · · · · · · · · · · · · · ·	Yes[]	No [X]	_	
Proposed injection Proposed maximum Proposed injection mile of the well.	n injection: zone contains	[x] oil, []ç	gas, and/or						
	IMPOR	TANT:		I information ny this form.	as require	d by R615	-5-2 should		
List of Attachments		Attachmer	nts "A" thro	ough " <u>H</u> -1"			<u> </u>		
I certify that this rep	ort is true and	l complete t	o the best	of my knowle	edge.	/			
Name: Eric	Sundberg			Signature		An			
	ulatory Lead			Date	1/3/	12			_
Phone No. (30;	3) 893-0102		_						
(State use only) Application approve	d by					Title			
Approval Date				·····					

Comments:

Ashley Federal 10-22-9-15

Put on Production: 06/07/06		Proposed Injection						
GL: 6452 KB: 6464'		Wellbore Diagram						
SURFACE CASING			<u>FR</u>	AC JOB				
CSG SIZE: 8-5/8"	Cement Top @ 60'			06/02/06	5628-5636'	Frac CP3 sands	as follows	
GRADE: J-55						24,469# 20/40 sa	nd in 350	bbls Lightnir
WEIGHT: 24#						frac fluid. Treat w/avg rate of 25		
LENGTH: 8 jts. (308.72')	Casing Shoe @ 320'			06/00/06	5440 54551	flush: 5626 gal.	Actual flus	h: 5166 gal.
DEPTH LANDED: 319.62' KB	Cathing 01100 (6) 520			06/02/06	5442-5455'	Frac LODC san 35,010# 20/40 sa		
HOLE SIZE:12-1/4"						frac fluid. Treat	ed @ avg p	ress of 1873
CEMENT DATA: 160 sxs Class "G" cmt, est 3	bbls cmt to surf.			06/02/06	5136-5144'	w/avg rate of 25. flush: 5440 gal. <i>J</i> Frac LODC sau 19,529# 20/40 sa frac fluid. Treat w/avg rate of 27.	Actual flus ads as follond in 295 ed @ avg p 9 BPM. IS	h: 4914 gal. ows: bbls Lightnin oress of 2357 SIP 2450 psi
				06/02/06	5036-5052'	flush: 5134 gal. A Frac A1 sands a 70,458# 20/40 sa	ns follows: and in 549	bbls Lightnir
CSG SIZE: 5-1/2"						frac fluid. Treate w/avg rate of 28.		
GRADE: J-55				06/02/06	4779-4788'	flush: 5034 gal. A Frac C sands as		h: 4536 gal,
WEIGHT: 15.5#				00/02/00	4//9-4/00	39,615# 20/40 s	and in 428	
LENGTH: 148 jts. (6065.14')						frac fluid. Treat w/avg rate of 25		
DEPTH LANDED: 6064.39' KB						flush: 4777 gal.	Actual flus	sh: 4284 gal.
HOLE SIZE: 7-7/8"				06/02/06	4634-4646'	Frac D1 sands : 49,707# 20/40 s		
CEMENT DATA: 325 sxs Prem. Lite II mixed &	2 450 sxs 50/50 POZ.					frac fluid. Treat	ed @ avg p	ress of 1974
						w/avg rate of 25 flush: 4632 gal.		
				06/02/06	4533-4548'	Frac DS3 sands	as follow	s:
						65,332# 20/40 sa frac fluid. Treate		
						w/avg rate of 25		
SIZE/GRADE/WT.: 2-7/8" / J-55				06/02/06	3982-3988'	flush: 4531 gal. / Frac GB2 sand:	s as follow	5:
NO. OF JOINTS: 178 jts (5605.74')						19,757# 20/40 sa frac fluid. Treate		
TUBING ANCHOR: 5617.74'						w/avg rate of 14.	5 BPM. IS	IP 1380 psi
NO. OF JOINTS: 1 jts (30.84')						flush: 3980 gal.	Actual flus	h: 3906 gal.
SEATING NIPPLE: 2-7/8" (1.10')				8/21/07		Pump change. U		
SN LANDED AT: 5651.38'				10/7/08		Major workover,	rod & tub	ing updated.
NO. OF JOINTS: 2 jts (63.15')								
TOTAL STRING LENGTH: EOT 5716.08'								
			acker @ 3932' 3982-3988'					
					PE	REORATION RE	CORD	
			4533-4548'		06	/02/06 5628-5636'	4 JSPF	32 holes
			4634-4646'		06	/02/06 5442-5455'	4 JSPF	52 holes
						/02/06 5136-5144'	4 JSPF	
		名 序	4779-4788'			/02/06 5036-5052' /02/06 4779-4788'	4 JSPF 4 JSPF	64 holes 36 holes
						/02/06 4634-4646' /02/06 4533-4548'	4 JSPF 4 JSPF	48 holes 60 holes
		A F	5036-5052'		06	/02/06 3982-3988'	4 JSPF	24 holes
		育 斉	5136-5144'					
			5442-5455'					
			5628-5636'					
NEWFIELD			PBTD @ 6018'					
NEWFIELD			D @ 6060'					
			HOE @ 6064'					
Ashley Federal 10-22-9-2	15	N	-					
2035' FSL & 2023' FEL								
2035' FSL & 2023' FEL NW/SE Section 22-T9S-R15E								

API #43-013-32825; Lease #UTU-027345

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
 - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17th Street, Suite 2000 Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Ashley Federal #10-22-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Ashley Federal #10-22-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3924' - 6018'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3760' and the TD is at 6129'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Ashley Federal #10-22-9-15 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-027345) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.
 - A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 320' KB, and 5-1/2", 15.5# casing run from surface to 6064' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1354 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Ashley Federal #10-22-9-15, for existing perforations (3982' - 5636') calculates at 0.78 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1354 psig. We may add additional perforations between 3612' and 6060'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Ashley Federal #10-22-9-15, the proposed injection zone (3924' - 6018') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-12.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

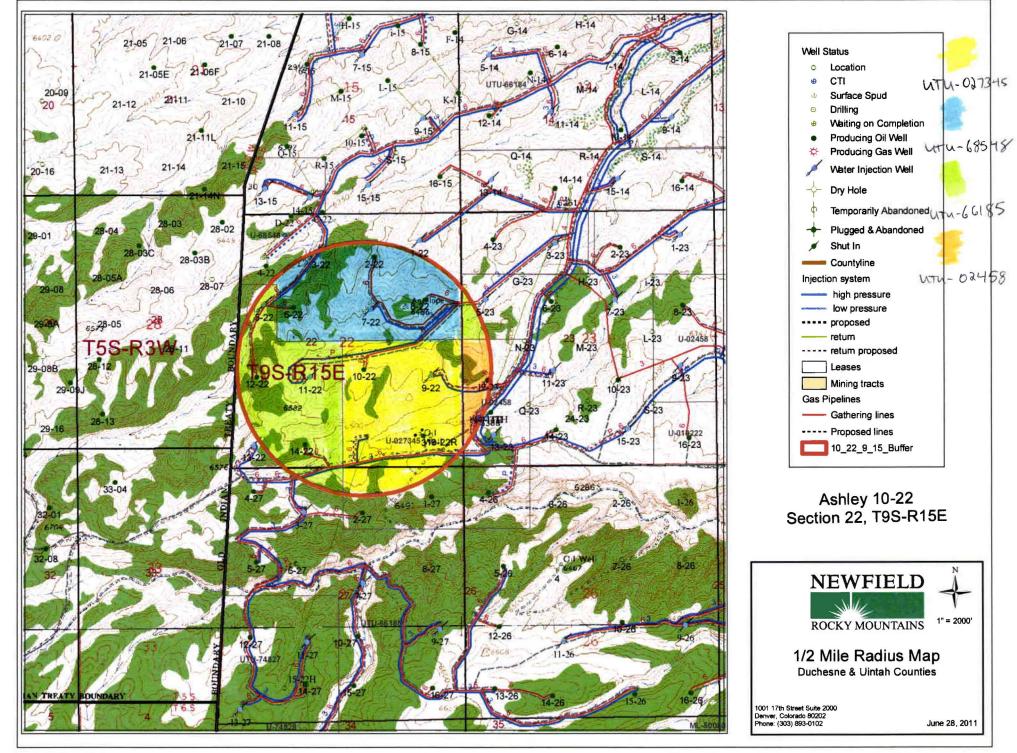
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A



ATTACHMENT A-1

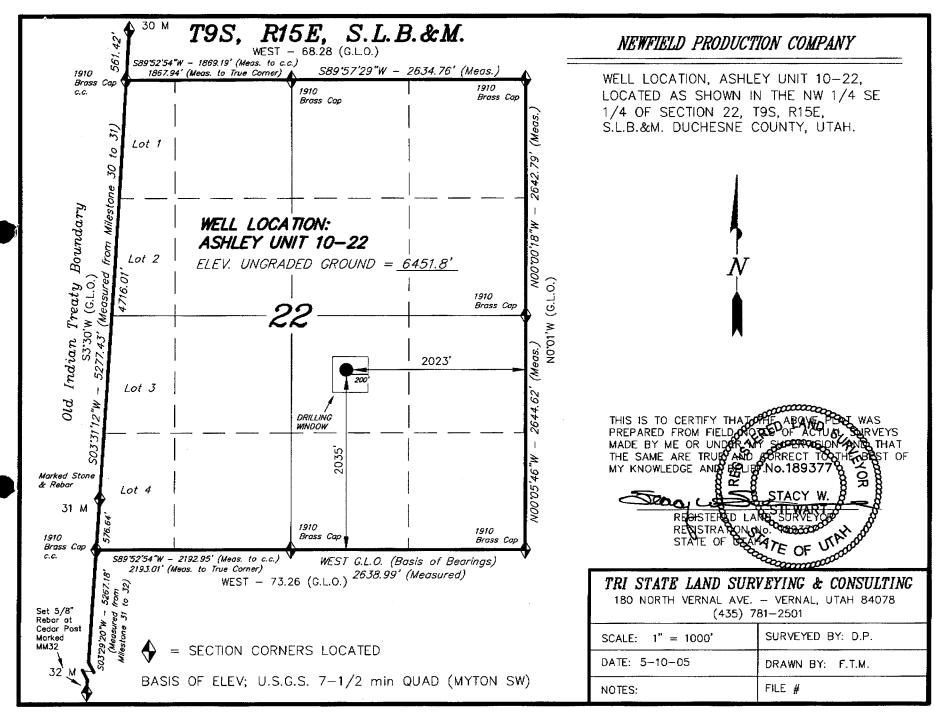


	EXHIBIT B									
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner						
1	T9S-R15E SLM	USA	Newfield Production Company	USA						
	Section 22: SE	UTU-027345	Newfield RMI LLC							
	Section 26: NWNW	НВР								
	Section 27: N2NE									
2	T9S-R15E SLM	USA	Newfield Production Company	USA						
	Section 13: S2S2	UTU-68548	Newfield RMI LLC							
	Section 14: S2S2	HBP								
	Section 15: Lot 4									
	Section 22: NE, E2NW, Lot 1									
	Section 23: N2NW									
3	T9S-R15E SLM	USA	Newfield Production Company	USA						
	Section 22: E2SW, Lots 2-4,	UTU-66185	Newfield RMI LLC							
	Section 23: NENE, W2E2, S2NW, E2SW	HBP								
	Section 24: N2N2									
	Section 25: ALL									
	Section 26: NE, NENW, S2NW, S2									
	Section 27: S2NE, E2NW, SE, Lots 1,2									
4	T9S-R15E SLM	USA	Newfield Production Company	USA						
	Section 23: SENE, W2SW, NESE	UTU-02458	Newfield RMI LLC							
	Section 24: S2N2, S2	НВР								

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well Ashley Federal #10-22-9-15

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Newfield Production Company

Eric Sundberg Regulatory Lead

_day of January Andico L. J 2012 Sworn to and subscribed before me this

Notary Public in and for the State of Colorado:

My Commission Expires:

My Commission Expires 02/10/2013



Attachment E

Ashley Federal 10-22-9-15

Initial Production: 6/7/06

Spud Date:05/05/2006 Put on Production: 06/07/06

Wellbore Diagram

Tut on Troduction. 00/07/00	wendore	Diagram			
GL: 6452 KB: 6464'					
SURFACE CASING			FRAC JOB		
CSG SIZE: 8-5/8" Cement Top @ 60			06/02/06	5628-5636'	Frac CP3 sands as follows:
GRADE: J-55			00/02/00	3028-3030	24,469# 20/40 sand in 350 bbis Lightning
VEIGHT: 24#					frac fluid. Treated @ avg press of 2208 p w/avg rate of 25 BPM. ISIP 2005 psi. Ca
ENGTH: 8 jts. (308.72')	" //]	IN			flush: 5626 gal. Actual flush: 5166 gal.
EPTH LANDED: 319.62' KB Casing Shoe @ 320	· •4]		06/02/06	5442-5455'	Frac LODC sands as follows: 35,010# 20/40 sand in 396 bbls Lightnin
OLE SIZE:12-1/4"					frac fluid. Treated @ avg press of 1873
EMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.	-3				w/avg rate of 25.1 BPM. ISIP 1920 psi. C flush: 5440 gal. Actual flush: 4914 gal.
,	4	12	06/02/06	5136-5144'	Frac LODC sands as follows:
					19,529# 20/40 sand in 295 bbls Lightning frac fluid. Treated @ avg press of 2357 p
					w/avg rate of 27.9 BPM. ISIP 2450 psi.
			06/02/06	5036-5052'	flush: 5134 gal. Actual flush: 4662 gal. Frac A1 sands as follows:
PRODUCTION CACING			00,02,00	5050 5052	70,458# 20/40 sand in 549 bbls Lightning
PRODUCTION CASING					frac fluid. Treated @ avg press of 2482 p w/avg rate of 28.6 BPM. ISIP 2680 psi.
GRADE: J-172 GRADE: J-55					flush: 5034 gal. Actual flush: 4536 gal.
JKADE. J-55 WEIGHT: 15.5#			06/02/06	4779-4788'	Frac C sands as follows: 39,615# 20/40 sand in 428 bbls Lighting
					frac fluid. Treated @ avg press of 2246 p
LENGTH: 148 jts. (6065.14') DEPTH LANDED: 6064.39' KB	2				w/avg rate of 25.1 BPM. ISIP 2160 psi. flush: 4777 gal. Actual flush: 4284 gal.
HOLE SIZE: 7-7/8"			06/02/06	4634-4646'	Frac D1 sands as follows:
EMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.					49,707# 20/40 sand in 420 bbls Lighting frac fluid. Treated @ avg press of 1974
LINE IN DATA, 525 MATION, LUC II MIXOL & 430 SSS 30/30 POL.					w/avg rate of 25 BPM. ISIP 2190 psi. Ca
			06/02/06	4533-4548'	flush: 4632 gal. Actual flush: 4158 gal. Frac DS3 sands as follows:
					65,332# 20/40 sand in 496 bbls Lightning
UBING					frac fluid. Treated @ avg press of 2054 p w/avg rate of 25 BPM. ISIP 2310 psi. C
IZE/GRADE/WT.: 2-7/8" / J-55			06/00/06	2002 2000	flush: 4531 gal. Actual flush: 3990 gal.
NO. OF JOINTS: 177 jts (5597.5')			06/02/06	3982-3988'	Frac GB2 sands as follows: 19,757# 20/40 sand in 266 bbls Lightnin
'UBING ANCHOR: 5609.5'					frac fluid. Treated @ avg press of 1478 w/avg rate of 14.5 BPM. ISIP 1380 psi.
NO. OF JOINTS: 1 jts (30.84')					flush: 3980 gal. Actual flush: 3906 gal.
EATING NIPPLE: 2-7/8" (1.10')			8/21/07		Pump change. Updated rod & tubing deta
SN LANDED AT: 5644'		2	10/7/08		Major workover, rod & tubing updated.
NO. OF JOINTS: 2 jts (63.15')					
OTAL STRING LENGTH: EOT: 5708,65'					
	有	3982-3988'		PER	FORATION RECORD
JCKER RODS	\$ ∥	4533-4548'		06/0	2/06 5628-5636' 4 JSPF 32 holes
POLISHED ROD: 1-1/2" x 22' Polished Rod	看	4634-4646'		06/02	2/06 5442-5455' 4 JSPF 52 holes
	P.38				
					2/06 5136-5144' 4 JSPF 32 holes
0-3/4" guided rods, 6-1 1/2" weight rods.	×	4779-4788'		06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes
0-3/4" guided rods, 6-1 ½" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC	¥	4779-4788'		06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes
)-3/4" guided rods, 6-1 ½" weight rods. JMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC IROKE LENGTH: 86"	W W	4779-4788'		06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes
0-3/4" guided rods, 6-1 ½" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC IROKE LENGTH: 86"				06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
)-3/4" guided rods, 6-1 ½" weight rods. JMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC IROKE LENGTH: 86"	M-M-M-	5036-5052' 5136-5144'		06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
-3/4" guided rods, 6-1 ½" weight rods. JMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC IROKE LENGTH: 86"	W-W-W-	5036-5052' 5136-5144' 5442-5455'		06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4533-4548' 4 JSPF 60 holes
0-3/4" guided rods, 6-1 ½" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC IROKE LENGTH: 86"	M W W W	5036-5052' 5136-5144'		06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
-3/4" guided rods, 6-1 1/2" weight rods. JMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC (ROKE LENGTH: 86"	т. М.	5036-5052' 5136-5144' 5442-5455' Anchor @ 561 5628-5636'		06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
D-3/4" guided rods, 6-1 1/2" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC TROKE LENGTH: 86" UMP SPEED, SPM: 5	M-W-W-W-W-	5036-5052' 5136-5144' 5442-5455' Anchor @ 561		06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
D-3/4" guided rods, 6-1 1/2" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC TROKE LENGTH: 86" UMP SPEED, SPM: 5 SN 564	т. М.	5036-5052' 5136-5144' 5442-5455' Anchor @ 561 5628-5636' EOT @ 570	9'	06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
D-3/4" guided rods, 6-1 ½" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC TROKE LENGTH: 86" UMP SPEED, SPM: 5 SN 564	т. М.	5036-5052' 5136-5144' 5442-5455' Anchor @ 561 5628-5636' EOT @ 570 PBTD @ 60	9'	06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
0-3/4" guided rods, 6-1 1/2" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC TROKE LENGTH: 86" UMP SPEED, SPM: 5 SN 564	т. М.	5036-5052' 5136-5144' 5442-5455' Anchor @ 561 5628-5636' EOT @ 570 PBTD @ 60 TD @ 6060'	9, 18,	06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
D-3/4" guided rods, 6-1 1/2" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC TROKE LENGTH: 86" UMP SPEED, SPM: 5 SN 564	т. М.	5036-5052' 5136-5144' 5442-5455' Anchor @ 561 5628-5636' EOT @ 570 PBTD @ 60	9, 18,	06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
0-3/4" guided rods, 6-1 1/2" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC TROKE LENGTH: 86" UMP SPEED, SPM: 5 SN 564 NEWFIELD Ashley Federal 10-22-9-15	т. М.	5036-5052' 5136-5144' 5442-5455' Anchor @ 561 5628-5636' EOT @ 570 PBTD @ 60 TD @ 6060'	9, 18,	06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
0-3/4" guided rods, 6-1 1/2" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC TROKE LENGTH: 86" UMP SPEED, SPM: 5 SN 564 NEWFIELD Ashley Federal 10-22-9-15 2035' FSL & 2023' FEL	т. М.	5036-5052' 5136-5144' 5442-5455' Anchor @ 561 5628-5636' EOT @ 570 PBTD @ 60 TD @ 6060'	9, 18,	06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
0-3/4" guided rods, 6-1 1/2" weight rods. UMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC TROKE LENGTH: 86" UMP SPEED, SPM: 5 SN 564 SN 564 Ashley Federal 10-22-9-15 2035' FSL & 2023' FEL NW/SE Section 22-T9S-R15E	т. М.	5036-5052' 5136-5144' 5442-5455' Anchor @ 561 5628-5636' EOT @ 570 PBTD @ 60 TD @ 6060'	9, 18,	06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4633-4548' 4 JSPF 60 holes
NEWFIELD Ashley Federal 10-22-9-15 2035' FSL & 2023' FEL	т. М.	5036-5052' 5136-5144' 5442-5455' Anchor @ 561 5628-5636' EOT @ 570 PBTD @ 60 TD @ 6060'	9, 18,	06/02 06/02 06/02 06/02	2/06 5036-5052' 4 JSPF 64 holes 2/06 4779-4788' 4 JSPF 36 holes 2/06 4634-4646' 4 JSPF 48 holes 2/06 4533-4548' 4 JSPF 60 holes

TL 10/28/08

Sundry Number: 48004 API Well Number: 43013326430000 Attachment E-1

Spud Date: 7-8-05	Ashley F	ederal 2	-22-9-15			
Put on Production: 9-29-05						
GL:: 6413' KB: 6425'	Ŀ	njection Wellbor Diagram	e			
				FRAC J	ОВ	
WEIGHT, 24#	Cement Top@ 250' Casing Shoe @ 311'			9-22-05	5780-5889"	Frac CP4 & CP5 sand as follows: 29349#'s 20/40 sand, in 346 bbls Lightning 17 frac fluid Treated @ avg press of 2000 p w/avg rate of 29 BPM ISIP.2100. Cate flush: 5779 gal Actual flush: S838 gal
DEPTH LANDED: 310.52' KB HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to sur				9-25-05	5583-5596`	Frac CP1 sand as follows: 39782#'s 20/40 sand, in 391 bbls Lightning 17 frac fluid. Treated @ avg press of 1538 ps w/avg rate of 24,7BPM. ISIP 1900 Calc flush 5581 gal. Actual flush: 5586 gal.
				9-22-05	5194-5202'	Frac LODC, sand as follows: 35182#'s 20/40 sand in 349 bbls Lightning 17 frac fluid Treated @ avg press of 2376 ps w/avg rate of 24.7 BPM. ISIP 3100 psi. Calc flush: 5192 gal. Actual flush: 5250 gal.
PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55				9-22-05	5029-5106'	Frac A1 & A5 sand as follows: 34292#'s 20/40 sand in 342 bbls Lightning 17 frac fluid. Treated @ wrg press of 1950 ps w/avg rate of 24.7 BPM ISIP 2400 psi. Calc flush: 5027 gal. Actual flush:5082 gal.
WEIGHT: 15.5# LENGTH: 135jts. (6054.26') DEPTH LANDED: 6053.51' KB HOLE SIZE: 7-7/8"				9-22-05	4889-4895`	- 0
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 PO2 CEMENT TOP AT: 250'	N			9-22-05	4780-4790'	Frac D3 sand as follows: \$8767#'s 20/40 sand in 472 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 ps w/avg rate of 24.7 BPM. ISIP 2600 psi. Calc flush: 4779 gal. Actual flush: 4830 gal.
TUBING SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 130 jts (4236 7')				9-23-05	4675-4681*	
SEATING NIPPLE: 2-78" (1.10') SN LANDED AT: 4248.7' KB ON/OFF TOOL AT: 4249.8' ARROW #1 PACKER CE AT: 4255.1'				9-23-05	4286-4296`	Frac PB7 sand as follows: 38655#'s 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 2051 ps w/avg rate of 17.6 BPM. ISIP 3800 psi. Calc flush: 4284 gal. Actual flush: 3108 gal.
XO 2-3/8 x 2-7/8 J-55 AT: 4260.5'			SN @ 4249' On Off Tool @ 4250	8/1/07		Pump change. Update rod & tubing detail
TBG PUP 2-3/8 J-55 AT: 4261.3'				9/21/09		Pump Change. Updated rod & tubing details
X/N NIPPLE AT: 4265.4		MM	Packer @ 4256' X/N Nipple @ 4265'	02/07/14		Convert to Injection Welt
TOTAL STRING LENGTH: EOT @ 4265.92'	=		EOT @ 4266' 4286-4296'	02/07/14		Conversion MIT Finalized – update tbg detail
	=		4675-4681			PERFORATION RECORD
	=	튐 탐	4780-4790'			8-20-05 5780-5786' 4 JSPF 24 hotes
	=	뤼 븀	4889-4895			8-20-05 5885-5889' 4 JSPF 16 holes 8-22-05 5583-5596' 4 JSPF 52 holes
						8-22-05 5194-5202' 4 JSPF 32 holes
		料 荐	5029-5035'			8-22-05 5029-5035' 4 JSPF 24 holes 8-22-05 5099-5106' 4 JSPF 28 holes
	=	判 幹	5099-5106'			8-22-05 4889-4895' 4 JSPF 24 holes
	=	有 芹	5194-5202'			8-22-05 4780-4790' 4 JSPF 40 holes 8-22-05 4675-4681' 4 JSPF 24 holes 8-23-05 4286-4296' 4 JSPF 40 holes
						0-23-03 42004230 4 3511. 40 10165
		fi ff	5583-5596'			
NEWFIELD	=	╡ ╞	5780-5786'			
Ashley Federal 2-22-9-15 914' FNL & 1784' FEL	=	1	5885-5889'			
NW/NE Section 22-T9S-R15E		REAL South	PBTD @6008'			
Duchesne Co, Utah API #43-013-32643; Lease #UTU-68548		<u> </u>	SHOE @ 6054' TD @ 6069'			

LCN 02/13/14

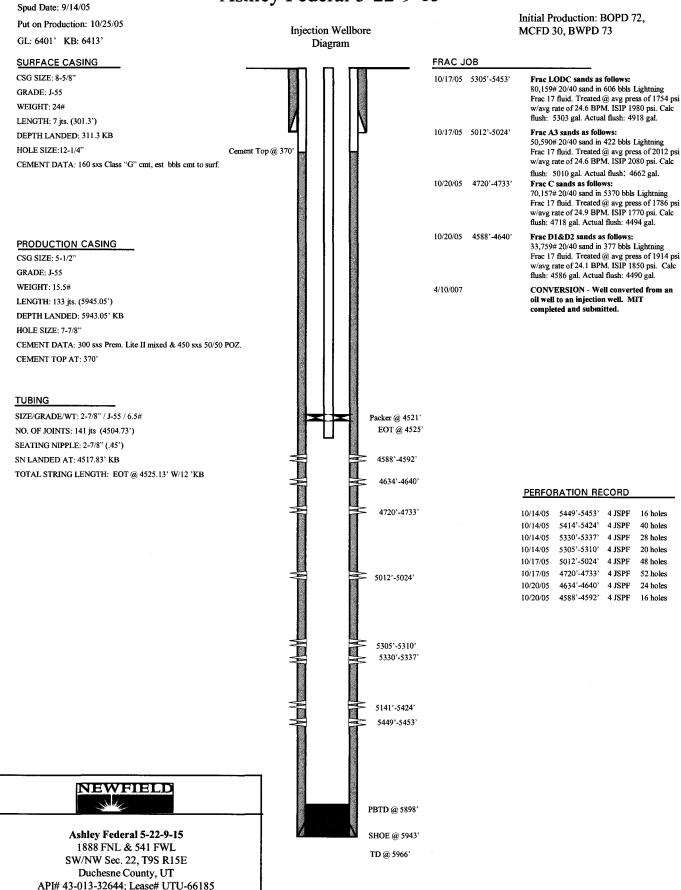
ATTACHMENT E-2

Ashley Federal 3-22-9-15

Spud Date: 8/17/2004 Initial Production: BOPD, Injection Wellbore MCFD, BWPD Put on Production: 9/20/2004 Diagram GL: 6369' KB: 6381' FRAC JOB Frac CP/stray sands as follows: 29,821# 20/40 sand in 335 bbls lightning Frac 17 fluid. Treated @ avg press of 2154 psi w/avg rate of 25.3 BPM. ISIP 3920 psi. Calc 09/15/04 5484-5491' SURFACE CASING CSG SIZE: 8 5/8' GRADE: J-55 flush: 5482 gal. Actual flush: 5502 gal. WEIGHT: 24# 09/15/04 5030-5130' Frac A3 and LODC sands as follows: 53,951# 20/40 sand in 454 bbls lightning LENGTH: 7 jts. (300.79') Frac 17 fluid. Treated @ avg press of 1964 psi w/avg rate of 25.2 BPM. ISIP 2570 psi. Calc DEPTH LANDED: 310.79' KB flush: 5028 gal. Actual flush: 5069 gal. HOLE SIZE: 12 1/4" 09/16/04 4875-4883 Frac B1 sands as follows: CEMENT DATA: 150 sxs Class "G" mixed cmt, est 4.5 bbls cmt to surf. 25,085# 20/40 sand in 292 bbls lightning Frac 17 fluid. Treated @ avg press of 1964 psi w/avg rate of 25.2 BPM. ISIP 2200 psi. Calc Cement Top @ 440' flush: 4873 gal. Actual flush: 4872 gal. 09/16/04 4750-4781' Frac C sands as follows: PRODUCTION CASING 34,501# 20/40 sand in 334 bbls lightning Frac 17 fluid. Treated @ avg press of 2198 psi w/avg rate of 24.8 BPM. ISIP 3250 psi. Calc flush: 4748 gal. Actual flush: 4746 gal. CSG SIZE: 5 1/2" Packer @ 4572' GRADE: J-55 EOT @ 4577' WEIGHT: 15.5# 09/16/04 4600-4620 Frac D1 sands as follows: LENGTH: 140 jts. (5945.37') 94,299# 20/40 sand in 649 bbls lightning Frac 17 fluid. Treated @ avg press of 1841 psi w/avg rate of 25.3 BPM. ISIP 2400 psi. Calc flush: 4598 gal. Actual flush: 4515 gal. DEPTH LANDED: 5940.97' KB HOLE SIZE: 7 7/8" 4600-4620' CEMENT DATA: 275 sxs Prem. Lite II & 375 sxs 50/50 POZ mix. 7/24/06 Well converted to an Injection well. 4750-4762 CEMENT TOP AT: 440' 8/1/06 MIT completed and submitted. 4777-4781' TUBING SIZE/GRADE/WT .: 2 7/8" / J-55 / 6.5# 4875-4883' NO. OF JOINTS: 138 jts (4556.16') SEATING NIPPLE: 2 7/8" (1.10') 5030-5043' SN LANDED AT: 4568.16' KB TOTAL STRING LENGTH: EOT @ 4576.66' w/ 12' KB 5122-5130' PERFORATION RECORD 5484-5491 9/13/04 5484-5491' 4 JSPF 28 holes 9/15/04 5122-5130' 4 JSPF 32 holes 9/15/04 5030-5043' 4 JSPF 52 holes 9/15/04 4875-4883' 4 JSPF 32 holes 9/16/04 4777-4781' 4 ISPE 16 holes 9/16/04 4750-4762' 4 JSPF 48 holes 9/16/04 4600-4620' 4 JSPF 80 holes NEWFIELD Sid Ashley Federal 3-22-9-15 Top of Fill & PBTD @ 5919' 795' FNL 1565' FWL NE/NW Section 22-T9S-R15E SHOE @ 5941' Duchesne Co., Utah TD @ 5956' API# 43-013-32429; Lease # UTU-68548

ATTACHMENT E-3

Ashley Federal 5-22-9-15





Ashley Federal 6-22-9-15

Spud Date: 05/12/2006	1 101110 9	1 Udulu	1 0-22-9-1	C		Initial P	roduction	: BO	PD,
Put on Production: 006/19/06		Wellbore Dia	ıgram			MCFD,	BWPD)	
K.B.: 6436, G.L.: 6424									
SURFACE CASING				FRAC JO)B	,,			
CSG SIZE: 8-5/8"	Cement Top@ 80	0'		06/13/06	5448-5571'		CP2, LODC		follows: s Lightning 11
GRADE: J-55									s Eignning 1. ss of 1778 psi
WEIGHT: 24#						w/avg	rate of 25.2 E	BPM. ISIP	1790 psi. Cal
LENGTH: 7 jts. (302.10')	Casing Shoe @ 313'						5569 gal. Act		
DEPTH LANDED: 313.00' KB	Casing Siloe @ 515			06/13/06	5126-5137'		LODC sand # 20/40 sand		vs: s Lightning 17
HOLE SIZE:12-1/4"						frac flu	id. Treated (avg pre	ss of 2027 psi
CEMENT DATA: 160 sxs Class "G" cmt, est 4 b	bls cmt to surf.			06/13/06	5040-5051`	flush: { Frac 2 89409# frac flu w/avg :	5135 gal. Act A1 sands as # 20/40 sand iid. Treated (rate of 25 BP	ual flush: follows: in 650 bbl @ avg pre M. ISIP 2	s Lightning 17 ss of 2340 psi 875 psi. Calc
PRODUCTION CASING				06/13/06	4620-4626'	Frac 1 41156#		follows: in 420 bbl	s Lightning 17 ss of 1775 psi
CSG SIZE: 5-1/2"									9 1850 psi. Cal
GRADE: J-55						flush:	4624 gal. Act	ual flush:	4494 gal.
WEIGHT: 15.5#									
LENGTH: 137 jts. (6048.43')									
DEPTH LANDED: 6047.68' KB									
HOLE SIZE: 7-7/8"									
CEMENT DATA: 325 sxs Prem. Lite II mixed &	450 sxs 50/50 POZ.								
CEMENT TOP: 80'									
TUBING									
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#									
NO. OF JOINTS: 175 jts (5522.16')									
TUBING ANCHOR: 5534.16' KB									
NO. OF JOINTS: 1 jts (31.65')									
SEATING NIPPLE: 2-7/8" (1.10')									
SN LANDED AT: 5568.61' KB									
NO. OF JOINTS: 2 jts (63.30')									
IOTAL STRING LENGTH: EOT @ 5633.46' K	В								
						PERFOR	ATION RE	CORD	
SUCKER RODS			4620-4626'			06/06/06	5567-5571'	4 JSPF	16 holes
POLISHED ROD: 1-1/2" x 22' SM			4020-4020				5489-5493'	4 JSPF	16 holes
SUCKER RODS: 1-8,1-6', 1-4', 1-2' x 3/4" pony 3/4" plain rods, 10-3/4" scrapered rods, 6-1 ½" w	reight rods.		5040-5051'			06/13/06 06/13/06	5448-5461' 5126-5137' 5040-5051' 4620-4626'	4 JSPF 4 JSPF 4 JSPF 4 JSPF	52 holes 44 holes 44 holes 24 holes
PUMP SIZE: 2-1/2" x 1-1/2" x 4 x 17' RHAC w/	SM plunger					00/15/00	4020-4020	43511	24 110103
STROKE LENGTH: 84" PUMP SPEED, 5 SPM:			5126-5137'						
			5448-5461'						
			5489-5493'						
			Anchor @ 5534'						
	SN 5568'		5567-5571'						
NEWFIELD			PBTD @ 6003' SHOE @ 6047'						
Ashley Federal 6-22-9-1	5		TD @ 6060'						
1949' FNL & 1157' FWL									
SE/NW Section 22-T9S-R15E									
Duchesne Co, Utah									
API #43-013-32857; Lease #UTU	T_								
									CB 07/18/0

ATTACHMENT E-5

Ashley Federal 7-22-9-15

Injection Wellbore

Diagram

Cement top @ 70'

Spud Date: 12/09/2004 Put on Production: 01/28/2005 GL: 6454' KB: 6466'

SURFACE CASING CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts. (290.24') DEPTH LANDED: (300.24') HOLE SIZE:12-1/4" CEMENT DATA: 150 sxs Class G, 3 bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 135 jts. (6023.59") DEPTH LANDED: (6021.59) HOLE SIZE: 7-7/8" CEMENT DATA: 345 sxs Premlite II & 500 sxs 50/50 POZ. CEMENT TOP AT: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 138 jts (4583.05') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4595.05' KB CE @ 4599.75' TOTAL STRING LENGTH: EOT @ 4603.55' w/ 12' KB

Packer @ 46 1 EOT @ 4603 4680'-469 5021'-503 5200'-5208 5444'-555 5778'-5788 PBTD @5974' SHOE @ 6022'

TD @ 6035'

Initial Production: 50 BOPD, 69 MCFD, 5 BWPD

	5778'-5788'	Frac CP4 sands as follows:					
		26,787# 20/40 sand in 305 bbls Lightn 17 frac fluid. Treated @ avg press. of 2127 w/ avg rate of 24.8 bpm. ISIP 21: Cale flush: 5776 gal. Actual flush: 578 gal.					
01/25/05	5444'-5552'	Frac CP STRAY sands as follows:					
		15,972# 20/40 sand in 232 bbls Lightnin, 17 frac fluid. Treated @ avg press. of 2285 w/ avg rate of 24.6 bpm. ISIP 2100 Calc flush: 5442 gal. Actual flush 5544 gal.					
01/25/05	5200'-5208'	Frac LODC sands as follows:					
		20,035# 20/40 sand in 255 bbls Lightnin, 17 frac fluid. Treated @ avg press. of 2585 w/ avg rate of 24.2 bpm. ISIP 2440. Calc flush: 5198 gal. Actual flush: 5250 gal.					
01/25/05	5021'-5031'	Frac A.5 sands as follows:					
		19,716# 20/40 sand in 272 bbls lightning 17 frac fluid. Treated @ avg press. of 1960 w/ avg rate of 14.4bpm ISIP 2360 Calc flush: 5019 gal. Actual Flush: 5040 gal.					
01/25/05	4680'-4690'	Frac D1 sands as follows:					
		42,888# 20/40 sand in 380 bbls lightnin 17 frac fluid. Treated @ avg press. of 1737 w/ avg rate of 24.7 bpm ISIP 2080 Cale flush: 4678 gal. Actual flush: 4578 gal.					
5/12/06		Well converted to an injection well.					
6/8/06 05/04/11		MIT completed and submitted. 5 YR MIT Completed					
	0505						
	PERE	ORATION RECORD					
		CORATION RECORD 2005 5778'-5788' 4 SPF 40 holes					
	1/19/ 1/25/	2005 5778'-5788' 4 SPF 40 holes '2005 5444'-5552' 4 SPF 32 holes					
	1/19/ 1/25/ 1/25/	2005 5778'-5788' 4 SPF 40 holes 2005 5444'-5552' 4 SPF 32 holes 2005 5200'-5208' 4 SPF 32 holes					
	1/19/ 1/25/ 1/25/ 1/25/	2005 5778'-5788' 4 SPF 40 holes '2005 5444'-5552' 4 SPF 32 holes					
	1/19/ 1/25/ 1/25/ 1/25/	2005 5778'-5788' 4 SPF 40 holes 2005 5444'-5552' 4 SPF 32 holes 2005 5200'-5208' 4 SPF 32 holes 2005 5021'-5031' 4 SPF 40 holes					
	1/19/ 1/25/ 1/25/ 1/25/	2005 5778'-5788' 4 SPF 40 holes 2005 5444'-5552' 4 SPF 32 holes 2005 5200'-5208' 4 SPF 32 holes 2005 5021'-5031' 4 SPF 40 holes					
	1/19/ 1/25/ 1/25/ 1/25/	2005 5778'-5788' 4 SPF 40 holes 2005 5444'-5552' 4 SPF 32 holes 2005 5200'-5208' 4 SPF 32 holes 2005 5021'-5031' 4 SPF 40 holes					
	1/19/ 1/25/ 1/25/ 1/25/	2005 5778'-5788' 4 SPF 40 holes 2005 5444'-5552' 4 SPF 32 holes 2005 5200'-5208' 4 SPF 32 holes 2005 5021'-5031' 4 SPF 40 holes					
	1/19/ 1/25/ 1/25/ 1/25/	2005 5778'-5788' 4 SPF 40 holes 2005 5444'-5552' 4 SPF 32 holes 2005 5200'-5208' 4 SPF 32 holes 2005 5021'-5031' 4 SPF 40 holes					

NEWFIELD

Ashley Federal 7-22-9-15 2016' FNL & 1867' FEL SW/NE Section 22-T9S-R15E Duchesne Co, Utah API #43-013-32487; Lease #UTU-68548 Sundry Number: 45878 API Well Number: 43013328580000 Attachment E-6 Spud Date: 04/24/06 Ashley Federal 8-22-9-15 Put on Production: 06/02/06 K.B.: 6489, G.L.: 6477 Injection Wellbore Diagram SURFACE CASING FRAC JOB Cement Top (ä, 55) CSG SIZE: 8-5/8" 05/25-06 5554-5646 Frac LODC, CP2, sands as follows: 66054# 20-40 sand in 522 bbls Lightning 17 GRADE: J-55 frac fluid. Treated (2 avg press of 1772 psi w/avg rate of 25.3 BPM, ISIP 2175 psi, Calc WEIGHT: 24# LENGTH: 7 jts. (299.94') flush: 5644gal. Actual flush: 5040 gal Casing Shoe @ 312' 05/25/06 4804-4835 Frac D3, C sands as follows: DEPTH LANDED: 311.79' KB 59712# 20/40 sand in 468 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid Treated @ avg press of 1963 psi w/avg rate of 25.2 BPM, (SIP 2520 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 4833 gal. Actual flush: 4284 gal. Frac D1 sands as follows: 05/31/06 4702-4708 19553# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2515 psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Caic flush: 4706 gal. Actual flush: 4242 gal. 05/31/06 4612-4634" Frac DS3 sands as follows: PRODUCTION CASING 88286# 20/40 sand in 648 bbls Lightning 17 frac fluid. Treated (2, avg press of 2672 psi w/avg rate of 24.9 BPM. ISIP 3495 psi. Calc CSG SIZE; 5-1/2" GRADE: J-55 flush: 4632 gal. Actual flush: 4536 gal WEIGHT: 15.5# Pump change. Update rod and tubing leak 12/05/06 LENGTH: 137 its. (6058 28') 01/18/07 Pump Change, Rod & Tubing detail updated. DEPTH LANDED: 6119.63' KB 06/21/07 Tubing Leak. Update rod and tubing details. HOLE SIZE: 7-7/8" 3/19/09 Pump Change. Updated t & t details. 6/16/09 Parted rods. Updated r & t details. CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 3/31/10 Pump change. Updated rod and tubing detail CEMENT TOP: 55' 12/02/13 4198-4203* Frac GB6 sands as follows: 15000# 20/40 sand in 178 bbls Lightning 17 frac fluid. TUBING 12/02/13 4160-4168' Frac GB4 sands as follows: 30300# 20/40 sand in 303 bbls Lightning 17 SIZE/GRADE/WT : 2-7/8" / 1-55 / 6.5# frac fluid NO. OF JOINTS: 130 jts (4101.4') 12/03/13 **Convert to Injection Well** SEATING NIPPLE: 2-7/8" (1.10') 12/05/13 Conversion MIT Finalized update tbg SN LANDED AT: 4113.4' KB detail ON/OFF TOOL AT: 4114.5" ARROW #I PACKER CE AT: 4119.81 XO 2-3/8 x 2-7/8 J-55 AT: 4123.5 TBG PUP 2-3-8 J-55 AT: 4124' SN @ 4113 X/N NIPPLE AT: 4128.2' On Off Tool (@ 4114) TOTAL STRING LENGTH: EOT (a: 4129.73* Packer (y 4120' PERFORATION RECORD X/N Nipple (à 4128) EOT @ 4130 05/19/06 5629-5646* 4 JSPF 68 holes 05/19/06 5554-5560* 4 JSPF 24 holes 4612-4634 4 JSPF 05/25/06 4828-4835 28 holes 4702-4708 05/25/06 4804-4814' 4 JSPF 40 holes 05/25/06 4702-4708* 4 JSPF 24 holes 4804-4814' 05/31/06 4612-4634* 4 JSPF 88 holes 4828-48351 11/26/13 4198-4203* 3 JSPF 15 holes 11/26/13 4160-4168' 3 JSPF 24 holes 5554-5560' NEWFIELD 1. 5629-5646' Ashley Federal 8-22-9-15 1813' FNL & 720' FEL SE/NE Section 22-T9S-R15E PBTD (@ 6076' Duchesne Co. Utah TD (w 6120) API #43-013-32858; Lease #UTU-66185

LCN 12/11/13

ATTACHMENT E-7

Ashley Federal 9-22-9-15

Spud Date: 2-23-05 Put on Production: 4-18-05

GL: 6337' KB: 6349'

SURFACE CASING CSG SIZE: 8-5/8"

LENGTH: 7 jts. (296.65')

HOLE SIZE:12-1/4"

DEPTH LANDED: 308.5' KB

PRODUCTION CASING

CSG SIZE: 5-1/2'

CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

NE/SE Section 22-T9S-R15E

Duchesne Co, Utah API #43-013-32427; Lease #UTU-027345

GRADE: J-55

WEIGHT: 24#

Initial Production: 14 BOPD, Injection Wellbore 34 MCFD, 36 BWPD Diagram FRAC JOB 3-29-05 5002-5022' Frac A1 sand as follows: 85420#'s 10/40 sand in 639 bbls Lightning 17 frac fluid. Treated @ avg press of 2430 psi w/avg rate of 24.9 BPM. ISIP 3380 psi. Calc flush: 5000 gal. Actual flush: 5040 gal. 3-29-05 4883-4895' Frac B2 sand down casing as follows: 21052#'s 10/40 sand in 216 bbls Lightning 17 frac fluid. Treated @ avg press of 2565 psi w/avg rate of 24.8 BPM. Screened out Frac B2, sand down tubing as follows: 17639#'s 10/40 sand in 270 bbls Lightning 4-4-05 4883-4895 19 frac fluid. Treated @ avg press of 5205 psi w/avg rate of 14.1 BPM. Screened out. 4-5-05 4631-4762' Frac C,D1, D2 sand as follows: 44010#'s 10/40 sand in 421 bbls Lightning 19 frac fluid. Treated @ avg press of 3953 psi w/avg rate of 14.1BPM. ISIP 3680 psi. Calc Packer @ 3950' flush: 1411 gal. Actual flush: 1092 gal. EOT @ 3954' 4-13-05 4149-4156 Frac P2 sands as follows: 5973#'s 10/40 sand in 120 bbls Lightning 19 frac fluid. Treated @ avg press of 4245 psi w/avg rate of 12.3 BPM. Screened out. 4007-4013' no frac 6/6/06 Well converted to an Injection well. 4040-4045' no frac 6/30/06 MIT completed and submitted. 4149-4156' 4631-4635' 4668-4672'

PERFORATION RECORD							
3-17-05	5002-5022"	4 JSPF	80 holes				
3-29-05	4883-4895'	4 JSPF	48 holes				
3-29-05	4149-4156'	4 JSPF	28 holes				
3-29-05	4007-4013'	4 JSPF	24 holes not frac'd				
3-29-05	4040-4045'	4 JSPF	20 holes not frac'd				
4-1-05	4631-4635'	4 JSPF	16 holes				
4-1-05	4668-4672'	4 JSPF	16 holes				
4-1-05	4752-4762'	4 JSPF	40 holes				

GRADE: J-55 WEIGHT: 15.5# LENGTH: 132 jts. (5869.98') DEPTH LANDED: 5869.23' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ. CEMENT TOP AT: 380' TUBING SIZE/GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 126 jts (3933.93') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 3945.93' KB 4752-4762' TOTAL STRING LENGTH: EOT @ 3954.33' KB 4883-4895' 5002-5022' NEWFIELD Sugar PBTD @ 5831' SHOE @ 5869' Ashley Federal 9-22-9-15 1904' FSL & 636' FEL

Cement top @ 380'

TD @5880'

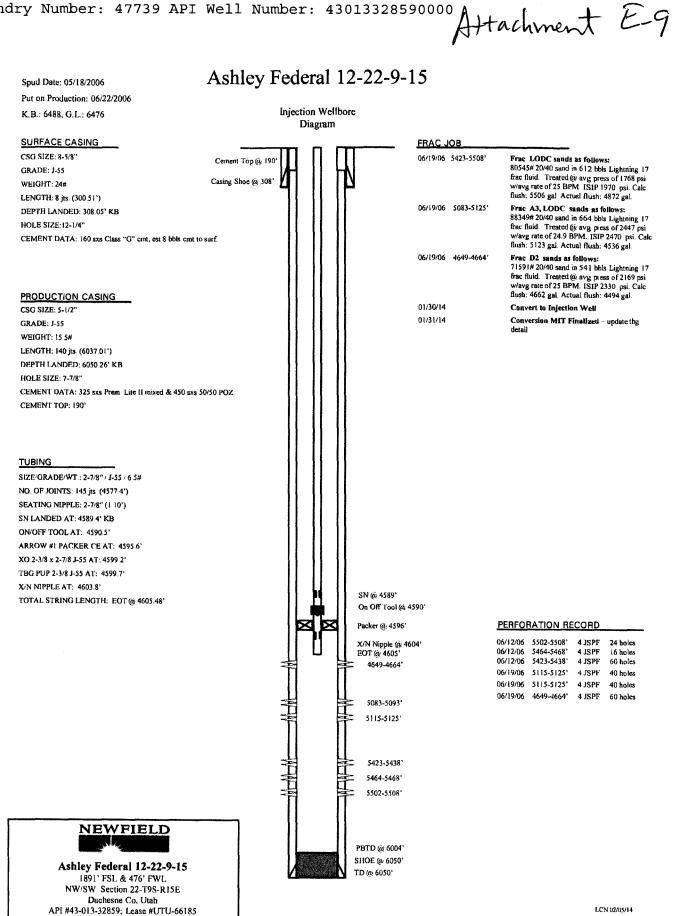
ATTACHMENT E-8

Ashley Federal 11-22-9-15

> Duchesne Co, Utah API #43-013-32826; Lease #UTU-66185

Spud Date: 5-9-2006 Put on Production: 6-13-2006	Injection Wellbore Diagram		Initial Production: BOPD, MCFD, BWPD
GL: 6521' KB: 6533'	Diagram		
SURFACE CASING	45'	FRAC JOB 06-07-06 5595-5606'	Frac CP1 sands as follows: 34632# 20/40 sand in 461 bbls Lightning 17 frac fluid. Treated @ avg press of 1887 psi w/avg rate of 25 BPM. ISIP 1925 psi. Cale
CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts (300.51') DEPTH LANDED: 311.41' KB		06-07-06 5298-5382'	flush: 5593 gal. Actual flush: 5082 gal. Frac LODC sands as follows: 50332#20/40 sand in 505 bbls Lightning 17 frac fluid. Treated (@ avg press of 2650 psi w/avg rate of 28 BPM. ISIP 2740 psi, Calc flush: 5372 gal. Actual flush: 4788 gal.
HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.		06-07-06 4860-4924'	Frac B1, & B.5 sands as follows: 54968#20/40 sand in 461 bbls Lightning 17 frac fluid. Treated@avg press of 1977 psi w/avg rate of 25.2 BPM. ISIP 2175 psi. Calc flush: 4858 gal. Actual flush: 4368 gal.
PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# UNICITIE 143 == (6004.441)		06-08-06 4648-4718'	Frac D1, & D2 sands as follows: 130732# 20/40 sand in 885 bbls Lightning 17 frac fluid. Treated @ avg press of 1667 w/ avg rate of 25.2 BPM. ISIP 2000 psi. Calc flush: 4646 gal. Actual flush: 4116 gal.
LENGTH: 142 jts. (6084.44') DEPTH LANDED: 6097.69' KB HOLE SIZE: 7-7/8" CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 45'		06-08-06 4173-4184'	Frac GB6 sands as follows: 32191# 20/40 sand in 359 bbls Lightning 17 frac fluid. Treated @ avg press of 2103 w/ avg rate of 25.1 BPM. ISIP 2200 psi. Calc flush: 4171 gal. Actual flush: 4074 gal.
		7/31/07	Pump change. Updated rod & tubing detail.
		2/15/08	Well converted to an Injection well.
TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 130 jts (4105.12') TUBING ANCHOR: 4121.32' SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4117.12' TOTAL STRING LENGTH: EOT @ 4125.72'	Packer @ 41 EOT @ 4120		MIT completed and submitted.
	4173-4184'		
			PERFORATION RECORD
	4648-4657' 4696-4718' 4860-4869' 4917-4924' 5298-5306'		06-01-06 5595-5606' 4 JSPF 44 holes 06-07-06 5374-5382' 4 JSPF 32 holes 06-07-06 5298-5306' 4 JSPF 32 holes 06-07-06 5298-5306' 4 JSPF 32 holes 06-07-06 4917-4924' 4 JSPF 28 holes 06-07-06 4860-4869' 4 JSPF 36 holes 06-07-06 4696-4718' 4 JSPF 88 holes 06-07-06 4648-4657' 4 JSPF 36 holes 06-07-06 4017-4184' 4 JSPF 34 holes
	5595-5606'		
	PBTD @ 60 SHOE @ 60		
Ashley Federal 11-22-9-15 1880' FSL & 1582' FWL NE/SW Section 22-T9S-R15E	TD @ 6100		

Sundry Number: 47739 API Well Number: 43013328590000



LCN 02/05/14



	shley Federal	14-22-9-1	5	
Put on Production: 9-22-06				
GL: 6515' KB: 6527'	Injection We Diagram			
SURFACE CASING			FRAC JOB	
CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#	asing Shoc @ 323'	Ν	09-11-06 5814-5832'	Frac CP5 sands as follows: 74620# 20/40 sand in 589 bbls Lightning 17 frac fluid. Treated @ avg press of 2099 psi w/avg rate of 25 BPM. ISIP 2400 psi. Calc
LENGTH: 7 jts (312.29')				flush: 5812 gal. Actual flush: 5292 gal.
DEPTH LANDED: 323.19' KB HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf	Cement top @ 480' -		09-12-06 5416-5426'	Frac LODC sands as follows: 29260# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 2247 psi w/avg rate of 24.9 BPM. ISTP 2150 psi. Calc flush: 5414 gal. Actual flush: 4872 gal.
			09-21-06 5010-5024*	Frac Al sands as follows: 28990#20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @g avg press of 2217 psi w/avg rate of 24.9 BPM ISIP 2250 psi. Calc flush: 5008 gal. Actual flush: 4494 gal.
PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: 1-55			09-12-06 4840-4846'	Frac B1 sands as follows: 34039# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2123 w/ avg rate of 24.9 BPM. ISIP 2000 psi. Cale flush: 4838 gal. Actual flush: 4326 gal
WEIGHT: 15.5# LENGTH: 135 js. (5895.02') DEPTH LANDED: 6003.61' KB HOLE SIZE: 7-7/8"			09-13-06 4582-4659'	Frac D1, & D2 sands as follows: 139495#20/40 sand in 1008 bbls Lightning 17 frac fluid. Treated @ avg press of 1821 w/ avg rate of 25 1 BPM. ISIP 1950 psi. Calc flusts: 4580 gal. Actual flush: 4032 gal
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 CEMENT TOP AT: 480'	POZ.		09-13-06 4130-4136'	Frac GB6 sands as follows: 30653#20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 2105 w/ avg rate of 25 BPM. ISIP 2000 psi Calc flush: 4128 gal. Actual flush: 4032 gal
TURINO			05/28/08	pump change. Updated rod and tubing details
			10/5/09	Pump Change. Updated rod & tubing details.
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#			2/10/2010	Parted rods. Updated rod and tubing details.
NO. OF JOINTS: 128 jts (4056.7')			11/23/2010	Parted rods. Update rod and tubing details.
SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4068.7' KB			11/12/13	Convert to Injection Well
ON/OFF TOOL AT: 4069.8'		SN @ 4069'	01/22/14	Conversion MIT Finalized – update the detail
ARROW #1 PACKER CE AT: 4075.2'		On Off Tool@40	770'	
XO 2-3/8 x 2-7/8 J-55 AT: 4078.6'		Packer @ 4075'		
TBG PUP 2-3/8 J-55 AT: 4079 1'		71 ~	121	
X/N NIPPLE AT: 4083.2'		X/N Nipple @ 408 EOT @ 4085'	13	
TOTAL STRING LENGTH; EOT @ 4084.79'	*	4130-4136'		
				PERFORATION RECORD
	払	4582-4593'		08-31-06 5814-5832' 4 JSPF 72 holes 09-11-06 5416-5426' 4 JSPF 40 holes
	本	4612-4618		09-12-06 5010-5024' 4 JSPF 56 holes
	*	4644-4659'		09-12-06 4840-4846' 4 JSPF 24 holes
	有	4743-4752'		09-12-06 4743-4752' 4 JSPF 36 holes
	*	4840-4846'		09-13-06 4644-4659' 4 JSPF 60 holes 09-13-06 4612-4618' 4 JSPF 24 holes
	11			09-13-06 4582-4593' 4 JSPF 44 holes
	*	5010-5024'		09-13-06 4130-4136' 4 JSPF 24 holes
NEWFIELD		5416-5426		
		5814-5832'		
Ashley Federal 14-22-9-15 489' FSL & 1548' FWL SE/SW Section 22-T9S-R15E		PBTD @ 5900'		
Duchesne Co, Utah API # 43-013-32823: Lease # UTU-66185		TD @ 6015'		

LCN 11/19/13

NEWFIEL	D				Schematic		
July -					Ĩ	72622	
Well Name:	Ashley	12-23-9	-15			-32830 Lease State/Province	Field Name County
950' FSL & 623'				9S-R15E	AP/UWI Well RC 43013328300000 50015940	Utah	GMBU CTB2 DUCHESNE
	g Release I /4/2006	- Particular an	/2006	Original KB Elevation 6,447	(ft) Ground Elevation (ft) 6,435	Total Depth All (TVD) (ftKB)	PBTD (Aii) (ftKB) Original Hole - 6,048.0
lost Recent Job		Primar	y Job Type	10	Secondary Job Type	Job Start Date	Job End Date
Production / Work	over		version		Basic	6/26/2014	7/1/2014
D: 6,090.0				Vertica	I - Original Hole, 7/2/2014	7:53:54 AM	
MD (ftKB) (ftK		ncl (°)	DLS			Vertical schematic (actual)	
11.8			DLS (°				
12.1							
270.0					Land Market		
309.1							
310.0						1; Surface; 8 5/8 in; 8.097 	in; 12-310 ftKB; 298.03 ft
4,081.7							
4,082.7							
4,084.6							
4,091.5							
4,091.9							A A A A A A A A A A A A A A A A A A A
4,096.1							
4,097.1							
4,097.8							
4,131.9						Perforated; 4,132-4,140; 6	6/20/2006
4,140.1							
4,155.8					Jack H	Perforated; 4,149-4,156; 6	5/20/2006
4,785,1							
4,794.9				Ville I		Perforated; 4,785-4,795; 6	6/20/2006
5,019.0							
5,024.0						Perforated; 5,019-5,024; 6	6/20/2006
5,034.1		-					
5,054_1				Novo		Perforated; 5,034-5,054; 6	6/20/2006
5,268.0				2000			200,0000
5,283 1				0000	2688	Perforated; 5,268-5,283; 6	0/20/2006
5,338.9				5886 56866	CORE -	Perforated; 5,339-5,351; 6	8/19/2006
5,351.0				10000	2000		
5,362.9				102793 20289	8052	Perforated; 5,363-5,376; 6	6/19/2006
5,376.0				3550	199900 T		
5,465 9				10000			6/15/2006
5,484_9				3000	1998		
6,047.9							
6,048.6							
6,068.6						2. Droduction 5.40 in th	
6,069.2 6,089.9						2, Production; 5 1/2 in; 4.9	950 in; 12-6,069 ftKB; 6,057.21 ft

Spud Date: 5/11/2009 Put on Production: 7/9/2009 GL: 6413' KB: 6425'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 8 jts (312 31') DEPTH LANDED: 324.16' KB HOLE SIZE: 12-1/4" CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15 5# LENGTH: 162 jts (6400 3') DEPTH LANDED, 6225 39' HOLE SIZE: 7-7/8" CEMENT DATA: 250 sx primite and 375 sx 50/50 poz CEMENT TOP AT: 64'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 NO OF JOINTS: 172 jts (5466.30') TUBING ANCHOR. 5478.30' KB NO. OF JOINTS: 1 jt (31.8') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5512.80' KB NO. OF JOINTS: 2 jts (63.6') TOTAL STRING LENGTH: EOT @ 5578'

SUCKER RODS

POLISHED ROD 1 ½" x 30' SUCKER RODS: 4-1 ½" wt bars, 215-7/8" guided 1-2' x 7/8" pony PUMP SIZE. 2 ½" x 1 ¼" x 20' x 24' RHAC CDI pump STROKE LENGTH: 144" PUMP SPEED, SPM: 4

	7
	SN @ 5513'
NEWFIELD	
Ashley C-22-9-15	
919' FNL & 1801' FEL	
NW/NE Section 22-T9S-R15E	

Ashley C-22-9-15

Wellbore Diagram

Cement top @ 64

FRAC JOB

7/6/2009 5498-5504' Frac LODC sds as follows: 34,339# 20/40 sand in 507 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2995 psi w/ ave rate of 27 BPM. ISIP 2583 psi, 5 min @ 2486 psi, 10 min @ 2438 psi, 15 min @ 2393 psi.

7/6/2009 5346-5354' Frac LODC sds as follows: 30,724# 20/40 sand in 436 bbls of Lightning 17 fluid Treated w/ ave pressure of 2818 psi w/ ave rate of 27 BPM. ISIP 2356 psi

 7/6/2009
 5264-5270'
 Frac A3 sds as follows:

 15,504# 20/40 sand in 282 bbls of Lightning 17 fluid.
 Treated w/

 ave pressure of 3189 psi w/ ave rate of 15.9 BPM
 Screeened out

 4.6 bbls short of flush.
 ISIP 4180 psi

7/6/2009 4977-5039' Frac B.5 & C sds as follows: 45,501# 20/40 sand in 556 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3155 psi w/ ave rate of 30.1 BPM. ISIP 2212 psi

 7/6/2009
 4806-4838' Frac D1 sds as follows:

 150,584# 20/40 sand in 1069 bbls of Lightning 17 fluid.
 Treated

 w/ ave pressure of 2530 psi w/ ave rate of 35 3 BPM
 ISIP 2173 psi

7/6/20094693-4701' Frac DS1 sds as follows:37,137# 20/40 sand in 366 bbls of Lightning 17 fluidTreated w/ave pressure of 2936 psi w/ ave rate of 27 BPMISIP 3383 psi

03/14/10

Pump Change Rod & Tubing updated

PERF	ORATION	RECOR	D
7/6/09	5498-5504'	3 ISPF	18 holes
7/6/09	5346-5354'	3 JSPF	24 holes
7/6/09	5264-5270'	3 JSPF	18 holes
7/6/09	5035-5039'	3 JSPF	12 holes
7/6/09	4977-4981'	3 JSPF	12 holes
7/6/09	4835-4838'	3 JSPF	9 holes
7/6/09	4820-4828'	3 JSPF	24 holes
7/6/09	4806-4810'	3 JSPF	12 holes
7/6/09	4693-4701'	3 JSPF	24 holes

EOT @ 5578'

4693-4701'

4806-4810' 4820-4828' 4835-4838'

4977-4981

5035-5039'

5264-5270'

5346-5354' Anchor @ 5478' 5498-5504'

PBTD @ 6186'

919' FNL & 1801' FEL NW/NE Section 22-T9S-R15E Duchesne Co, Utah API # 43-013-33963; Lease # UTU-33963

	Wellhead				_				G	MB 14-1	4T-9-15H	N	Vellbor	e Diagra		
										ounty/State:		: 16, T9S R16 nument Butte 12' KB				MOUNT
4		14	Casing Deta							tom Bu	rst Colla		Drift	bbl/ft	Hole	TO
8	-5/8" Casing Sho 311	e	Surface Production	8-5/8				LTC	0 31		40 7.02	4.892	4.767	0.0233	7-7/8"	Surfa
	311		Production					LTC 6	300 10,0 VD 5,8	630 7.7	74 8,51		3.875	0.0155	6-1/8"	Port Co to Surfac
						TBG	Tubir DETAIL:	ng Detail	Si	zê V	/t. Gra	de Conn.	Length	Тор	Bottom	Joint
						bullp 5,839	lug, 3 jts tubing, '. EOT @ 5,985	5*	ander, 2-7/8" sub, ened inner spring				remaining 185	jts of 2-7/8" tul	bing. TA @ 5,8	06". SN @
	ELLBORE FLUIDS		and the second second	10/14/11 - Tubing Lo 178 joints 5561.4*/	ak - L joint 313 / Seating Nipple 5	i609 2 / 1 joint 31.4	A / Total string length S854	L		Detail	Siz	e Grade	Count	Length	Тор	Botto
		+-8.4 ppg "clean" fr l0ppg mudweight pri		RODS 1 x 1/2 =26' polish ri	d, 1x7/8*=2' pony rod, 1x7/8	=4' pony rod, 1x7/	8"=6' pony rod, 1x3/4"=8' p	wFD	and Rod Detail: MacGyver 3 pump					x , on/off tool	4'x7/8"guided	
				LUPDATED ROD & 7U	1x7/8"=4' pony rod, 1 cn/off	1 100 0.7', 1 G-subz	1'=2'	rod su	ib, 5789'x SE 4 co	orod, 4,4,6,6' x 7/	8" pony subs, 1 1	/2" x 26' polished	rod			
1				10/38/2011 VC				NOTE	on Pump: with C	oRod, must have	e Clutch (on/off to	ool) installed.				
10		Proposed Frac									1			1	Deen Vot	*
		Data	Тор	Bottom					age Zone Select f	-			Prop t	ype/ size	Prop Vol (Ibs)	Total Clea
		OH swell packer 1 Stage 1	10,615	10,627	Dual Hydraulic	Depth	Ball OD (in.)	Seat ID (in.)	at 10,630", And Open H Vol. to Seal (bb)	Actual Vol. (bbi)	Difference (bbl)	Ball Action (ΔP)	100 m	ash sand	18,894	1,892
		OH swell packer 2	10,458	10,470	Toe Sleeves: Weatherford OH Fraz	10,551 us water swell	NA I packer	NA	212.79	NA	annanaseraara			esh sand	16.833	2,79
		Stage 2	10,208	10,458	FracPort 2:	Depth 10,329	Bail OD (in.) 1,380	Seat ID (in.)	Vol. to Seat (bbl 209.35	Actual Vol. (bbl) 0.00	Difference (bbl)	Ball Action (AP)		nesh sand	24,042	
		OH swell packer 3	10,196	10,208	Weatherford OH Fraz	Deoth	Eall OD (in.)	Seat ID (m.)	Vol. to Seat (bbl	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)		esh sand neuh sand	28,832 24,517	2,26
44 m		Stage 3 OH swell packer 4	9,914	10,196	FracPort 3: Weatherford OH Fraz	10,072 cis water swell	1.500	1.410	205,38	0.00	The state of the state	Contraction of a sector		esh sand	31,584	2,23
0.0	WFD port Collar	Stage 4	9,663	9,944	FracPort 4:	Depth 9,818	Ball OD (in.) 1.625	Seat ID (in.) 1.630	Vol. to Seat (bbl 201.45	Actual Vol. (bbl) 0.00	Difference (bbi)	Ball Action (ΔP)	30/50	mesh sand	28,064	-
	5,416	OH swell packer 5	9,651	9,663 9,651	Weatherlord OH Fraz		Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbi	Actual Vol. (bbb	Difference (bbl)	Ball Action (AP)		nesh sand nesh sand	31,484 28,619	2,12
	KOP	Stage 5 Off swell packer 6	9,399	9,651	FracPort 5: Weatherford OH Fraz	9,526	1,710 I packer	1.660	196,93	0.00	- History and a	Carrier Creation (March)		esh sand	31,270	2,18
	5,450	Stage 6	9,118	9,399	FracPort 6:	Depth 9,274	Ball OD (in.) 1,875	Seat ID (in.) 1.770	Vol. to Seat (bbl 193.03	Actual Vol. (bbl) 0.00	Difference (bbl)	Ball Action (ΔP)	30/50	nesh sand	28,568	-
-	ACP packer 8,427	OH swell packer 7	9,106	9,118 9,106	Weatherford OH Fraz			Seat ID (in.)	Vol. to Seat (bbi	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	100 m 30/50 r	esh sand nesh sand	31,477 28,860	2,861
	ACP packer 5,417	Stage 7 OH swell packer 8	8.852	8,864	FracPort 7: Weatherford OH Fraz	0,900 tis water swell	2.000 I packer	1.920	188.48			and the second second	100 /	esh sand	31,666	2,14
		Stage 8	8,575	8,852	FracPort 8:	Depth 8,729	Ball OD (in.) 2.125	Seat ID (in.) 2.060	Vol. to Seat (bb) 184.59	Actual Vol. (bbl) 0.00	Difference (bbi)	Ball Action (ΔP)		mesh sand	28,279	-
		OH Ewell packer 9 Stage 9	8,563	8,575 8,583	Weatherford OH Fras	us water swell Depth	Bail OD (in.)	Seat ID (in.)	Vol. to Seat (bbl	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)		resh sand nesh sand	31,379 28,754	2,44
		Stage 9 OH wwell pocker 10	6,272	5,284	FracPort 9: Weatherford OH Fras	8,440	2.250	2.210	180,12	Windowski kind.	Contraction of the second	and the second second		esh sand	0	1,25
		Stage 10	8,030	8,272	FracPort 10:	Depth 8,147	Ball OD (in.) 2.375	Seat ID (in.) 2.360	Vol. to Seat (bbl 175.58	Actual Vol. (bbl) 0.00	Difference (bbl)	Ball Action (ΔP)	30/50 (hesh sand k, dropped rved bell	4,922	-
		OH swell packer 11 Stage 11	5,018 7,742	8,030	Weatherlord OH Fraz	Depth	Ball OD (in.)	Snet ID (in.)	Vol. to Seat (bbl	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		nesh sand mesh sand	28,874 29,857	2,240
		OH swell packar 12	7,730	7,742	Weatherford OH Free	7,897	2.500	2.500	171.72	0.00		A CONSTRUCTION OF	100 m	esh sand	31,133	2,14
11/4		Stage 12	7,449	7,730	FracPort 12:	Depth 7,665	Ball OD (in.) 2.625	Seat 80 (in.) 2.650	Vol. to Seat (bbi 167.20	Actual Vol. (bbl) 0.00	Difference (bbl)	Ball Action (ΔP)	30/50	nash sand	28,111	-
		Off sweet packer 13 Stage 13	7,437	7,449	Weatherford OH Fraz FracPort 13:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		tesh sand	31,063 26,251	2,08
		OH swell packer 14	7,180	7,192	Weatherford OH Fras			2.890	162.68	0.00	and appendix and		100 m	esh sand	31,142	2,11
4		Stage 14	6,894	7,180	FracPort 14:	Depth 7,068	Ball OD (in.) 2.875	Seat ID (in.) 2.950	Vol. to Seat (bbi 158.70	Actual Vol. (bbl) 0.00	Ofference (bbl)	Ball Action (ΔP)		mesh sand	28,140	-
		Off swell packer 15 Stage 15	6,633	6,894	Weatherford OH Fraz FracPort 16:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)		tesh sand tresh sand	36,377 40,263	7,981
/ /		OH swell packer 18	6,621	6,633	Weatherford OH Fraz			3.140	154.07	0.00		and the second second	100 m	wish sand	52,784	3,64
1 1	\	Stage 16	6,352	6,621	FracPort 16:	Depth 5,485	Ball OD (in.) 3.125	5eat 10 (in.) 3,340	Vol. to Seat (bbi 149.86	Actual Vol. (bbl) 0.00	Olfference (bbl)	Ball Action (ΔP)	30/50	nesh sand	61,365	-
	/	OH swell packer 17 ACP packer	5,427	5,432	Weatherford OH Fraz Weatherford Annulus	Casing Packs	er (ACP). Hydaulicaly								Total Clean (bbl)	37,62
1	\ Γ	ACP packer	5,417 Lat Length	5,422 4,263	Weatherford Annulus	a Gasang Packe	er (AGP). Hydaulicaly	set at 2,700psi		_		Sand Total	100 -	nesh sand	478,495	
/	$\sqrt{1}$		Total Stim. Latera Avg. Stage Lengt	al 4,263		rs						935,040		mesh sand	456,545	-
	\searrow	0 g	0.01	IC.			0.00	8.5.8	1.0	1 0 I		0 0 0		10)	100	
	14.8K XO 6,300			14 1		12	11						3	2	1	

	STAINS					Elevatio	on S451 GL	+ 13" KB	PSL, 1978' P						Marc Bars PFM 6/6/20
			-	Casing	Top	AF motion	12: 43-013-5 Bize	Wt Wt	Grade	Dvitt	Burst	Collapse	\$pud ID	Date 3/1/20 bbillt	Coupling Hole
			CABING DETAIL	Burf.	13.00	295 00	0.525	24#	1.55	7.972	2,950	1.370	8.087	0.0637	STC 12.25
	11		DE	Prod	13.00	6,242.52	5 500	208	L-80 P-110	4 652	9,190	8.830	4 778	0.0238	LTC 6.125
			1.4	Top	Bottom	Bize	4 500 WI,	Grade	Coupling	Dult	Burst	Collapse	4 000 ID		Packan/Hanger
			TEG.	13	6.099	2.875	8.5	48-L	BRDEUE	2.347	10567	11165	2.441	5-312" Tubir Single dasg	ng Anchior Sel 👩 5854 #
4 1	8-6/8" sh	hoe @ 296	-	-	Component		Тор	Bottom	Size	Grade	Length	Count		_	ump
			I	Paliah Rod Pany Rod			Ø	307	1 1/2*	Spray Metal Norm 97	30'	1	1 75 Plunge	RHBC BH	Inset Pump 2.5 Mis ID Ung 20, Ext Ling 23, Mi
	1		DETAK	Porty Rod			30'	36	7/8*	Norris 95	*	+	St. 144", 53	PM	
			NCD DE	Pury Rod Pury Rod	_	1.53	36'	42	7/8"	Norte 97 Norte 96	1) 8	1			
	1		, e	Sucher Rod			50	5,892'	1	Corod	5.842	-			
				Devict tool Pony Rod	_		5,092	5,893'	315	Picetts 97	1				
					Sleeves		Stage	Depth (II)	Ball Seat	Ball OD	Disp. Vol.	Zone Length	Open Hol	e Packers	Top of Joint Depth (
1 1				Hydraulic St	age Colar		1	10430.4	2 You Siez-es	Hydraulic	197.6	168	CHP	acker t	10,454
			1.1		Ball Drop Sk Ball Drop Sk		2	10262.9	1.345	1.345	194.8	190'		acker 3 acker 3	10.326
				Weatherford	Bull Deep Sh	novil	4	9872.0	1 425	1.455	188 9	190	OHP	actur 4	9.945
				Bearing Daries	Bull Drop St		5	9681 D 9490 4	1.42 1.535	1.585	183	191'		acher 6 acher 6	9,754 9,563
			E St		Buil Drop Sk Buil Drop Sk		7	9257.4 9022.5	1.50	1.62	179.4	234' 235'		acker 7 ocker 8	9,373 9,139
			SLEEVESPACKEI	Proventing of the second	Ball Drop Sk		9	8789.2	1940	1.73	172 1	233		acker 9	8,904
			ILVER		Ball Drop Sk Ball Drop Sk		10	8557.3	1.760	1.801	168.5	232'	-	uchene 10	8,671
			316	Weatherford	Ball Drop Sie	nitve	12	8091.4	2,063	2.185	161.3	233'	OHP	ichor 12	8,206
				-	Ball Crop Sil		13	7858,7	2.21	2 332	157.6	233	-	idier 13 idier 14	7,873
			1	Provide and a second second	Ball Drop Sta Ball Drop Str		15	7391.7 7158.8	2 504	2 628	150.4	233		cker 15 cker 16	7,507
			1	Provide statements	Bull Onop Sk		17	8926.0	2,758	2 92	143.1	134	OHP	çiver 17	7,042
					Ball Drop Sk Ball Drop Sk		18	9693.2 6460.6	2.945	3 115	139.5	2337 2757		cleer 18 cher 19	6,576
			Stage	Date	Тар	Buttom	Mus 5TP	Aug Barts	1 -		47	- First fi	OH Pa	cker 20	6,301
			19	10/18/2011	6.451	5,465	6.846	Avg Rute	Frac Utstand	Butter an folk	sina. Frac with		and the second	d and 11536	toria Rund to recorder
	1								Town of the local	Butti an Inki	the Read of the	73128 1001		127.67 160.0	e Sand with 2130biats file
			10	10/18/2011	6,991	6,998	5,963	56.5	to recover	Drok winar	Arth. F Call West	CLARGE THE	email, 300004	- TO TO VENIE	e Stud wirt's rootune in
			17	10/18/20/11	0.925	6,930	4,627	58.1	Fra:: Uluiland fluid its recov		one Fran valt	2238+# 100	Mestr, 36814	# 30/50 Vith	de Sand with 2027obis
	1		16	10/16/2011	V,168'	7.163	4,522	58.1			web. Flue: vett	22389# 100	Megh. 36817	W 36:50 Wh	ite Band with 2042bers
				10/18/2011	7,391				fluid to recto		wa Encuit	224148 100	Mart 3879	0 30/50 14/5	ite Sand with 2026586
	1		15	10112-2011	7,491	7,396	4,574	518	Road in recov	"					
			14	10/15/2011	7,625	7,830	5,040	57.3	Frac Utstand fluid Its (inclose		we Frac with	232328 100	Mesh, 35880	A# 30/50 Whi	ite Sand with 2039bone
			13	10/18/2011	7,85#	7,863	4.810	58.6	Frac Uletand fluid to recov	Butter an folk	wes: Frac with	22208# 100	Mesh, 37435	# 3850 Whi	du Sand with 2032bols
	1		12	10/18/2011	1.091	8,090	5,197	15.9			we Frac will	22347# 100	Mesh. 37650	# 3050 Whi	im Sand with 2071bble
			1.14	no roctori	1.119	Avere .	4,121	10.9	fluid to mean			er en sjorte sta	fundeline freese	Contraction (Section	
					8,324	8.329				Butto as folk	insti Frazi with	202408 100	Menh. 37256	a 30/50 Whi	
			.11	10/18/2011			6,585	44.3	Pric Cheland Ruid to recov	eir .					vier Sand with 2103bbits
			11	10/18/2011	a,557	:8.567	6,395	44.3 57.0	Ruid to recov Frac Uteland	Butter am Itske	oon Fran ooth	223118 100	Mesh, 17565	18 30/50 VVIv	ite Sand with 2103bbbs
			10	10/18/2011	8,557	8.567	8,395	57.0	Ruid to recov Frac Literand Ruid to recov Frac Uteland	Butte an Itiko er Butte (es tulic					
				10/18/20/1 10/18/20/1				67.0 43.1	Ruid to recov Frac Uteland Ruid to recov Frac Oteland fluid to recite	Butte an Isik e Butte los folic e	we. Frac with	25583# 100	Mesh. 33980	98 30 50 Why	ite Saint with 2099bble de Saint with 2094bble
			10	10/18/2011	8,557	8.567	8,395	67.0 43.1	Ruid to recov Frac Uteland Ruid to recov Frac Oteland fluid to recite	Butte an Isik Butte as falle Butte as fole	we. Frac with	25583# 100	Mesh. 33980	98 30 50 Why	de Samt with 2099bble
			10 5	10/18/20/1 10/18/20/1	3,557 8,789	8.567 8.794	8,395 6.923	-57.0 -43.1	Ruid to recov Frac Uteland Ruid to recov Frac Uteland that to recov Frac Uteland Ruid to recov Frac Uteland	Butter an folio er Butter ins folio er Butter an folio Retter an folio	we. Frac with	25583# 100 25450# 100	Mesh, 33980 Mash, 34039	# 3050 Wh # 3050 Wh	ite Saint with 2099bble de Saint with 2094bble
			10 8 7	10/18/2011 10/18/2011 10/18/2011	9,557 9,759 9,027 9,257	-8.56." 8.794' 9.027' 9.262	6,395 6,923 6,717 7,030	57.0 43.1 47.6 40.1	Ruid to recov Frac Uteland Ruid to recov Frac Uteland flaid to recov Frac Uteland Ruid to recov Frac Uteland flaid to recov	Butter an Toko er Butter an faik er Butter an faik er Sudon am Faik er	wes Frac web wes Frac web	25683# 100 25450# 100 25407# 100	Mesh 33990 Mesh 34038	ur 3050 Why ur 3050 Why ur 3050 Why	the Samt with 2099b044 Ine Sand with 2054bbis Ne Sand with 2054bbis
			10 9 8	10/18/2011 10/18/2011 10/18/2011	8,557 8,789 9,027	.8.567 8.794' 9.027' 9.267 9.405'	6,395 6,903 6,717	57.0 43.1 47.6 49.1 36.3	Audi to recov Frac Uteland Inid to recov Frac Uteland fluid to recov Frac Uteland fluid to recov Frac Uteland fluid to recov Frac Uteland fluid to recov	Butter am folky ar Butter on folk ar Butter on folk ar Butter on folk ar	wes, Frab with wes, Frac weth wes, Frac weth	25583# 100 25450# 100 25407# 100 28776# 100	Mesh. 33990 Mesh. 34039 Mesh. 34039 Mesh. 34039	98 3050 Wh 18 3050 Wh 18 3050 Wh 18 3050 Wh	the Samt with 2099bble he Samt with 2094bble he Samt with 2094bble he Samt with 2094bble he Samt with 2094bble
			10 8 7	10/18/2011 10/18/2011 10/18/2011	9,557 9,759 9,027 9,257	-8.56." 8.794' 9.027' 9.262	6,395 6,923 6,717 7,030	57.0 43.1 47.6 49.1 36.3	Audi to recov Frac Uteland Inid to recov Frac Uteland fluid to recov Frac Uteland fluid to recov Frac Uteland fluid to recov Frac Uteland fluid to recov	Butte an loke at Butte ins tulic at Butte an loke at Butte an loke at Butte an loke	wes, Frab with wes, Frac weth wes, Frac weth	25583# 100 25450# 100 25407# 100 28776# 100	Mesh. 33990 Mesh. 34039 Mesh. 34039 Mesh. 34039	98 3050 Wh 18 3050 Wh 18 3050 Wh 18 3050 Wh	the Sand with 2099bble Ne Sand with 2094bble Ne Sand with 2094bble Ne Sand with 2097bble
			10 9 7 8	10/18/2011 10/18/2011 10/18/2011 10/18/2011	9,557 9,022 9,257 5,490	.8.567 8.794' 9.027' 9.267 9.405'	6,395 6,923 6,717 7,030 5,052	57 0 43 1 47 8 40 1 36 3 21 0	Aud to necro Frac Useland Inid to necro Prac Useland flaid to necro Prac Uteland flaid to necro Prac Uteland flaid to necro Prac Uteland flaid to necro Prac Useland flaid to necro	Butter an Toko er Butter on tulk er Butter on Sold er Solter on Sold at Butter on Folk er Butter on Folk er Butter on Folk et Butter on Folk	wei, Frac web wei, Frac web wei, Frac web wei, Frac web	25583# 100 25450# 100 25407# 100 28776# 100 28569# 100	Mesh 33980 Mesh 34039 Mesh 34038 Mach 30678	18 3050 Wh 18 3050 Wh 18 3050 Wh 18 3050 Wh 18 3050 Wh	the Samt with 2099bble he Samt with 2094bble he Samt with 2094bble he Samt with 2094bble he Samt with 2094bble
			10 9 7 8 5 4	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 9.027 9.257 5.480 9.680 9.872	8.565 8.794 9.267 9.267 9.265 9.635 9.635	6,395 6,323 6,717 7,030 6,852 6,852 6,852 6,850	97.0 43.1 47.6 40.1 38.3 21.0 41.1	Auel to recov Frac United for more Frac Onland that to more Frac United that to notice Frac United fluid to notice Fran United to notice Fran United to notice Fran United to notice Fran United to notice	Butte an loke an Butte on fulle en Butte an loke ar Butte an loke ar Butte an loke ar Butte an loke ar Butte an loke ar Butte an loke ar Butte an loke	we. Frac with wei, Frac with wei, Frac with wei, Frac with wei, Frac with	25683# 100 25450# 100 25407# 100 28778# 100 28566# 100 38561# 100	Mesh. 33990 Mysh. 34030 Mesh. 34030 Mesh. 34030 Mesh. 30979 Mesh. 30750	18 3050 Wh 18 3050 Wh 19 3050 Wh 19 3050 Wh 19 3050 Wh	ek Sand with 2099bba ek Sand with 2054bba ha Sand with 2054bba ha Sand with 2057bba da Sand with 2242bba ek Sand with 2162bba
			10 8 7 8 5	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	8.557 8.789 9.027 9.257 9.480 0.680	-8.585 8.794 9.027 9.267 9.409 9.685	6,395 6,923 6,717 7,030 6,882 0,928	97.0 43.1 47.6 49.1 36.3 21.0 41.1	Auel to recov Frac United for more Frac Onland that to more Frac United that to notice Frac United fluid to notice Fran United to notice Fran United to notice Fran United to notice Fran United to notice	Butte an Ioko ar Butte os tulic Butte os tulic Butte as Sold ar Butte as Sold ar Butte as folk ar Butte as folk ar Butte as folk	we. Frac with wei, Frac with wei, Frac with wei, Frac with wei, Frac with	25683# 100 25450# 100 25407# 100 28778# 100 28566# 100 38561# 100	Mesh. 33990 Mysh. 34030 Mesh. 34030 Mesh. 34030 Mesh. 30979 Mesh. 30750	18 3050 Wh 18 3050 Wh 19 3050 Wh 19 3050 Wh 19 3050 Wh	en Samt with 2099bba en Samt with 2054bba le Sand with 2054bba he Sand with 2067bba he Sand with 2247bba fer Sand with 2247bba
			10 9 7 8 5 4	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 9.027 9.257 5.480 9.680 9.872	8.565 8.794 9.267 9.267 9.265 9.635 9.635	6,395 6,323 6,717 7,030 6,852 6,852 6,852 6,850	57.0 43.1 47.8 49.1 36.3 21.0 41.1 38.8	Aust to neces Frac Useland Taial to move Arac Oxeland that to neces Frac Useland that to neces Frac Useland faild to neces	Butte an folk Butte an folk Butte an folk Butte an folk of Butte an folk fi Butte an folk fi fi fi fi fi fi fi fi fi fi	wer, Frac with wer, Frac with wer, Frac with wer, Frac with wer, Frac with	25583# 100 25450# 100 25407# 100 25559# 100 25559# 100 38551# 100 26911# 100	Mesh, 33960 Mesh, 34038 Mesh, 34038 Mesh, 30978 Mesh, 30756 Mesh, 25533	14 2020 Mile 14 2020 Mile 14 2020 Mile 14 2020 Mile 14 2020 Mile 14 2020 Mile	ek Sand with 2099bba ek Sand with 2054bba ha Sand with 2054bba ha Sand with 2057bba da Sand with 2242bba ek Sand with 2162bba
			10 9 7 8 5 4 3	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	8,557 8,789 9,027 9,027 9,257 5,400 9,800 9,870 9,872	8.567 8.794 9.027 9.027 9.605 9.605 9.605 9.677 10.067	6,395 6,923 6,717 7,030 6,852 6,852 6,800 6,800	57.9 43.1 47.6 49.1 39.3 21.0 41.1 38.8 34.7	Aud to recov Frac Usland haid to recov Frac Usland flaid to recov Frac Usland that to toxics Frac Usland flaid to recov Frac Usland	Butte an loke Butte on lufa Butte on lufa Butte on lufa Butte on lufa Butte on loke of Butte on loke Butte on lufa Butte on lufa Butte on lufa Butte on lufa	we. Frac with wei, Frac with wei, Frac with wei, Frac with wei, Frac with wei, Frac with	25683# 100 25460# 100 25407# 100 28778# 100 28569# 100 28911# 100 23876# 100	Mesh, 3398 Mesh, 3403 Mesh, 3403 Mesh, 3007 Mesh, 3047 Mesh, 3075 Mesh, 25623	18 3050 Wh 18 3050 Wh 19 3050 Wh 19 3050 Wh 19 3050 Wh 10 305	en Sand with 2099box en Sand with 2094box en Sand with 2094box en Sand with 2094box en Sand with 2042box en Sand with 2142box de Sand with 2192box de Sand with 2192box
			10 9 8 7 8 5 4 3 2	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 9.027 9.257 9.257 9.400 9.680 9.680 9.672 10.602 10.252	8.582 8.794 9.027 9.625 9.635 9.677 10.067 10.067 10.257	0.395 0.323 0.717 7.030 5.852 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.925	57.9 43.1 47.6 49.1 36.3 21.0 41.1 38.8 31.7 29.7	Auid to necro Frac Dalained Trac Dalained Frac Dalained Frac Dalaine Frac Dalaine Frac Dalaine And to necro Frac Utalaine And to necro Frac Utalaine And to necro Frac Utalaine And to necro Frac Utalaine And to necro Frac Utalaine third to necro	Butte an loke Butte on luke Butte on luke Butte on luke Butte on loke or Butte on loke or Butte on loke m Butte on loke m Butte on loke m	we. Frac web wei, Frac web wei, Frac web wei, Frac web wei, Frac web wei, Frac web	25683# 100 25463# 100 25463# 100 25467# 100 28569# 100 285911# 100 23876# 100 23876# 100	Mesh. 33980 Mysh. 34038 Mesh. 34038 Mesh. 30578 Mesh. 30575 Mesh. 305875 Mesh. 305875 Mesh. 15883	18 3050 Wh 18 3050 Wh 19 3050 Wh 19 3050 Wh 19 3050 Wh 10 305	en Sand with 2099blan te Sand with 2094blan te Sand with 2094blan te Sand with 2097blan te Sand with 2242blan te Sand with 2242blan te Sand with 21022blan te Sand with 21022blan te Sand with 21023blan te Sand with 21032blan
			10 9 8 7 8 5 4 3 2	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 9.027 9.257 9.257 9.400 9.680 9.680 9.672 10.602 10.252	8.582 8.794 9.027 9.625 9.635 9.677 10.067 10.067 10.257	0.395 0.323 0.717 7.030 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.923 0.955	57.9 43.1 47.6 49.1 36.3 21.0 41.1 38.8 31.7 29.7	Aud to recov Frac Usland haid to recov Frac Usland flaid to recov Frac Usland that to toxics Frac Usland flaid to recov Frac Usland	Butte an loke Butte on luke Butte on luke Butte on luke Butte on loke or Butte on loke or Butte on loke m Butte on loke m Butte on loke m	we, Frac web wei, Frac web wei, Frac web wei, Frac web wei, Frac web wei, Frac web	25683# 100 25463# 100 25463# 100 25467# 100 28569# 100 285911# 100 23876# 100 23876# 100	Mesh. 33980 Mysh. 34038 Mesh. 34038 Mesh. 30578 Mesh. 30575 Mesh. 305875 Mesh. 305875 Mesh. 15883	18 3050 Wh 18 3050 Wh 19 3050 Wh 19 3050 Wh 19 3050 Wh 10 305	en Sand with 2099blan te Sand with 2094blan te Sand with 2094blan te Sand with 2097blan te Sand with 2242blan te Sand with 2242blan te Sand with 21022blan te Sand with 21022blan te Sand with 21023blan te Sand with 21032blan
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			10 8 8 7 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8	10/18/2011 19/18/2011 19/18/2011 19/18/2011 19/18/2011 19/18/2011 19/18/2011 19/18/2011 19/18/2011	8.557 8.709 9.027 9.257 9.400 9.800 9.800 9.872 10.662 10.662 10.430 Slage 1.160 Class of the second 1.160	-8.585" 8.794 9.827 9.425 9.425 9.425 9.625 9.677 10.067 10.067 10.067 10.435 10.435	6,395 6,223 6,717 7,030 6,882 6,882 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862	57.0 43.1 47.6 49.1 36.3 31.0 41.1 38.8 34.7 26.7 26.7 26.7 wd@ 15.Rpp	Avid to neces Frac Distant Traini for income Frac United to faile to income Frac United faile to neces Frac United faile to neces	Butte an toke an one toke Butte as toke an ostate as toke an ostate as toke an ostate as toke an ostate Butte as toke an Butte as toke an an an an an an an an an an	wee, Frac web wee, Frac web wee, Frac web wee, Frac web mee, Frac web mee, Frac web mee, Frac web bits to ph Cen celu Plake, 5	25683# 100 25450# 100 25407# 100 28776# 100 28561# 100 28561# 100 28911# 100 23876# 100 23876# 100 18753# 100 18753# 100	Nexh. 33965 Mysh. 34038 Mech. 34038 Mech. 36079 Mexh. 30679 Mexh. 30758 Mexh. 30758 Mexh. 20875 Mexh. 25833 Mexh. 15883 st	III 3050 Why III 3050 Why	en Sand with 2099bba en Sand with 2094bba ha Sand with 2094bbb he Sand with 2097bba he Sand with 2242bba he Sand with 2142bba he Sand with 2192bba he Sand with 2092bba he Sand with 2092bba he Sand with 2092bba
			10 9 8 7 8 5 4 3 2	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	8.557 8.709 9.027 9.257 9.400 9.800 9.800 9.872 10.662 10.662 10.430 Slage 1.160 Class of the second 1.160		6,395 6,223 6,717 7,030 6,882 6,882 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862	57.0 43.1 47.6 49.1 36.3 31.0 41.1 38.8 34.7 26.7 26.7 26.7 wd@ 15.Rpp	Avid to neces Frac Distant Traini for income Frac United to faile to income Frac United faile to neces Frac United faile to neces	Butte an toke an one toke Butte as toke an ostate as toke an ostate as toke an ostate as toke an ostate Butte as toke an Butte as toke an an an an an an an an an an	wee, Frac web wee, Frac web wee, Frac web wee, Frac web mee, Frac web mee, Frac web mee, Frac web bits to ph Cen celu Plake, 5	25683# 100 25450# 100 25407# 100 28776# 100 28561# 100 28561# 100 28911# 100 23876# 100 23876# 100 18753# 100 18753# 100	Nexh. 33965 Mysh. 34038 Mech. 34038 Mech. 36079 Mexh. 30679 Mexh. 30758 Mexh. 30758 Mexh. 20875 Mexh. 25833 Mexh. 15883 st	III 3050 Why III 3050 Why	en Sand with 2099bla In Sand with 2094bla In Sand with 2094bbla In Sand with 2094bbla In Sand with 2242bbla In Sand with 2242bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 1755bbla In Sand with 1755bbla
			10 8 8 7 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 8.789 9.027 9.257 9.407 9.807 9.807 10.807 10.607 10.252 10.430 81age 1.180 6132		6,395 6,223 6,717 7,030 6,882 6,882 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862	57.0 43.1 47.6 49.1 36.3 31.0 41.1 38.8 34.7 26.7 26.7 26.7 wd@ 15.Rpp	Avid to neces Frac Distant Traini for income Frac United to faile to income Frac United faile to neces Frac United faile to neces	Butte an toke an one toke Butte as toke an ostate as toke an ostate as toke an ostate as toke an ostate Butte as toke an Butte as toke an an an an an an an an an an	wee, Frac web wee, Frac web wee, Frac web wee, Frac web mee, Frac web mee, Frac web mee, Frac web bits to pit Cen celu Plake, 5	25683# 100 25450# 100 25407# 100 28776# 100 28561# 100 28561# 100 28911# 100 23876# 100 23876# 100 18753# 100 18753# 100	Nexh. 33965 Mysh. 34038 Mech. 34038 Mech. 36079 Mexh. 30679 Mexh. 30758 Mexh. 30758 Mexh. 20875 Mexh. 25833 Mexh. 15883 st	III 3050 Why III 3050 Why	en Sand with 2099bla In Sand with 2094bla In Sand with 2094bbla In Sand with 2094bbla In Sand with 2242bbla In Sand with 2242bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 1755bbla In Sand with 1755bbla
	Ancher Bet	e B eserte.	10 8 8 7 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 8.789 9.027 9.257 9.407 9.807 9.807 10.807 10.607 10.252 10.430 81age 1.180 6132		6,395 6,223 6,717 7,030 6,882 6,882 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862	57.0 43.1 47.6 49.1 36.3 31.0 41.1 38.8 34.7 26.7 26.7 26.7 wd@ 15.Rpp	Avid to neces Frac Distant Traini for income Frac United to faile to income Frac United faile to neces Frac United faile to neces	Butte an toke an one toke Butte as toke an ostate as toke an ostate as toke an ostate as toke an ostate Butte as toke an Butte as toke an an an an an an an an an an	wee, Frac web wee, Frac web wee, Frac web wee, Frac web mee, Frac web mee, Frac web mee, Frac web bits to pit Cen celu Plake, 5	25683# 100 25450# 100 25407# 100 28776# 100 28561# 100 28561# 100 28911# 100 23876# 100 23876# 100 18753# 100 18753# 100	Nexh. 33965 Mysh. 34038 Mech. 34038 Mech. 36079 Mexh. 30679 Mexh. 30758 Mexh. 30758 Mexh. 20875 Mexh. 25833 Mexh. 15883 st	III 3050 Why III 3050 Why	en Sand with 2099bla In Sand with 2094bla In Sand with 2094bbla In Sand with 2094bbla In Sand with 2242bbla In Sand with 2242bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 1755bbla In Sand with 1755bbla
	Ancher # ef	e 🛱 eserth.	10 8 8 7 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 8.789 9.027 9.257 9.407 9.807 9.807 10.807 10.607 10.252 10.430 81age 1.180 6132		6,395 6,223 6,717 7,030 6,882 6,882 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862	57.0 43.1 47.6 49.1 36.3 31.0 41.1 38.8 34.7 26.7 26.7 26.7 wd@ 15.Rpp	Avid to neces Frac Distant Traini for income Frac United to faile to income Frac United faile to neces Frac United faile to neces	Butte an toke an one toke Butte as toke an ostate as toke an ostate as toke an ostate as toke an ostate Butte as toke an Butte as toke an an an an an an an an an an	wee, Frac web wee, Frac web wee, Frac web wee, Frac web mee, Frac web mee, Frac web mee, Frac web bits to pit Cen celu Plake, 5	25683# 100 25450# 100 25407# 100 28776# 100 28561# 100 28561# 100 28911# 100 23876# 100 23876# 100 18753# 100 18753# 100	Nexh. 33965 Mysh. 34038 Mech. 34038 Mech. 36079 Mexh. 30679 Mexh. 30758 Mexh. 30758 Mexh. 20875 Mexh. 25833 Mexh. 15883 st	III 3050 Why III 3050 Why	en Sand with 2099bla In Sand with 2094bla In Sand with 2094bbla In Sand with 2094bbla In Sand with 2242bbla In Sand with 2242bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 1755bbla In Sand with 1755bbla
	Ancher Bet	e (g. sasuur	10 8 8 7 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 8.789 9.027 9.257 9.407 9.807 9.807 10.807 10.607 10.252 10.430 81age 1.180 6132		6,395 6,223 6,717 7,030 6,882 6,882 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862	57.0 43.1 47.6 49.1 36.3 31.0 41.1 38.8 34.7 26.7 26.7 26.7 wd@ 15.Rpp	Avid to neces Frac Distant Traini for income Frac United to faile to income Frac United faile to neces Frac United faile to neces	Butte an toke an one toke Butte as toke an ostate as toke an ostate as toke an ostate as toke an ostate Butte as toke an Butte as toke an an an an an an an an an an	wee, Frac web wee, Frac web wee, Frac web wee, Frac web mee, Frac web mee, Frac web mee, Frac web bits to pit Cen celu Plake, 5	25683# 100 25450# 100 25407# 100 28776# 100 28561# 100 28561# 100 28911# 100 23876# 100 23876# 100 18753# 100 18753# 100	Nexh. 33967 Mysh. 34037 Mech. 34037 Mech. 36079 Mexh. 30679 Mexh. 30759 Mexh. 30759 Mexh. 20875 Mexh. 25833 Mexh. 15883 st	III 3050 Why III 3050 Why	en Sand with 2099bla In Sand with 2094bla In Sand with 2094bbla In Sand with 2094bbla In Sand with 2242bbla In Sand with 2242bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 1755bbla In Sand with 1755bbla
	Ancher Bet	rg tesur	10 8 8 7 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 8.789 9.027 9.257 9.407 9.807 9.807 10.807 10.607 10.252 10.430 81age 1.180 6132		6,395 6,223 6,717 7,030 6,882 6,882 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862	57.0 43.1 47.6 49.1 36.3 31.0 41.1 38.8 34.7 26.7 26.7 26.7 wd@ 15.Rpp	Avid to neces Frac Distant Traini for income Frac United to faile to income Frac United faile to neces Frac United faile to neces	Butte an toke an one toke Butte as toke an ostate as toke an ostate as toke an ostate as toke an ostate Butte as toke an Butte as toke an an an an an an an an an an	wee, Frac web wee, Frac web wee, Frac web wee, Frac web mee, Frac web mee, Frac web mee, Frac web bits to pit Cen celu Plake, 5	25683# 100 25450# 100 25407# 100 28776# 100 28561# 100 28561# 100 28911# 100 23876# 100 23876# 100 18753# 100 18753# 100	Nexh. 33967 Mysh. 34037 Mech. 34037 Mech. 36079 Mexh. 30679 Mexh. 30759 Mexh. 30759 Mexh. 20875 Mexh. 25833 Mexh. 15883 st	III 3050 Why III 3050 Why	en Sand with 2099bla In Sand with 2094bla In Sand with 2094bbla In Sand with 2094bbla In Sand with 2242bbla In Sand with 2242bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 1755bbla In Sand with 1755bbla
	Ancher Bet	r g tesur	10 8 8 7 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 8.789 9.027 9.257 9.407 9.807 9.807 10.807 10.607 10.252 10.430 81age 1.180 6132		6,395 6,223 6,717 7,030 6,882 6,882 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862	57.0 43.1 47.6 49.1 36.3 31.0 41.1 38.8 34.7 26.7 26.7 26.7 wd@ 15.Rpp	Avid to neces Frac Distant Traini for income Frac United to faile to income Frac United faile to neces Frac United faile to neces	Butte an toke an one toke Butte as toke an ostate as toke an ostate as toke an ostate as toke an ostate Butte as toke an Butte as toke an an an an an an an an an an	wee, Frac web wee, Frac web wee, Frac web wee, Frac web mee, Frac web mee, Frac web mee, Frac web bits to pit Cen celu Plake, 5	25683# 100 25450# 100 25407# 100 28776# 100 28561# 100 28561# 100 28911# 100 23876# 100 23876# 100 18753# 100 18753# 100	Nexh. 33967 Mysh. 34037 Mech. 34037 Mech. 36079 Mexh. 30679 Mexh. 30759 Mexh. 30759 Mexh. 20875 Mexh. 25833 Mexh. 15883 st	III 3050 Why III 3050 Why	en Sand with 2099bla In Sand with 2094bla In Sand with 2094bbla In Sand with 2094bbla In Sand with 2242bbla In Sand with 2242bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 1755bbla In Sand with 1755bbla
	Ancerter	r @ 1954.4"	10 8 8 7 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 8.789 9.027 9.257 9.407 9.807 9.807 10.807 10.807 10.252 10.430 81age 1.180 81age 1.180		6,395 6,223 6,717 7,030 6,882 6,882 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862	57.0 43.1 47.6 49.1 36.3 31.0 41.1 38.8 34.7 26.7 26.7 26.7 wd@ 15.Rpp	Avid to neces Frac Distant Traini for income Frac United to faile to income Frac United faile to neces Frac United faile to neces	Butte an toke an one toke Butte as toke an ostate as toke an ostate as toke an ostate as toke an ostate Butte as toke an Butte as toke an an an an an an an an an an	wee, Frac web wee, Frac web wee, Frac web wee, Frac web mee, Frac web mee, Frac web mee, Frac web bits to pit Cen celu Plake, 5	25683# 100 25450# 100 25407# 100 28776# 100 28561# 100 28561# 100 28911# 100 23876# 100 23876# 100 18753# 100 18753# 100	Nexh. 33967 Mysh. 34037 Mech. 34037 Mech. 36079 Mexh. 30679 Mexh. 30759 Mexh. 30759 Mexh. 20875 Mexh. 25833 Mexh. 15883 st	III 3050 Why III 3050 Why	en Sand with 2099bla In Sand with 2094bla In Sand with 2094bbla In Sand with 2094bbla In Sand with 2242bbla In Sand with 2242bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 2102bbla In Sand with 1755bbla In Sand with 1755bbla
	Ances Ser	r () 1954.4"	10 8 8 7 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8	10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011 10/18/2011	9.557 8.789 9.027 9.257 9.407 9.807 9.807 10.807 10.807 10.252 10.430 81age 1.180 81age 1.180		6,395 6,223 6,717 7,030 6,882 6,882 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862 6,860 6,862	57.0 43.1 47.6 49.1 36.3 31.0 41.1 38.8 34.7 26.7 26.7 26.7 wd@ 15.Rpp	Avid to neces Frac Distant Traini for income Frac United to faile to income Frac United faile to neces Frac United faile to neces	Butte an toke an one toke Butte as toke an ostate as toke an ostate as toke an ostate as toke an ostate Butte as toke an Butte as toke an an an an an an an an an an	wee, Frac web wee, Frac web wee, Frac web wee, Frac web mee, Frac web mee, Frac web mee, Frac web bits to pit Cen celu Plake, 5	25683# 100 25450# 100 25407# 100 28776# 100 28561# 100 28561# 100 28911# 100 23876# 100 23876# 100 18753# 100 18753# 100	Meeh, 3399 Meeh, 3403 Meeh, 3403 Meeh, 3403 Meeh, 3607 Meeh, 3075 Meeh, 3075	III 3050 Why III 3050 Why	en Sand with 2099bba te Sand with 2094bba te Sand with 2094bba te Sand with 2094bba te Sand with 2097bba te Sand with 2102bba de Sand with 2102bba de Sand with 2102bba te Sand with 2102bba

NEWF	IELD					Sche	ematic				
Well Nan	an GM	RU G-22	0-15		43	-013	5-524	11			
Surface Legal Lo	cation		22 T9S R15E		API/UWI		Well RC 500343251	Lease UTU68548	State/Province Utah	Field Name GMBU CTB2	County
ipud Date	Rig Relea	ase Date Or	Production Date	Original KB Elevation		Ground El	evation (ft)	Total Depth All (TVI	D) (ftKB)	PBTD (All) (ftKB)	1
lost Recent	5/19/20	J14		6,437		6,427		Original Hole -	6,105.3	Original Hole -	6,137.2
ob Category			mary Job Type			у Јор Туре		Job Start Date		Job End Date	
nitial Comple		Fr	acture Treatm		P&P			-	/2014	6/1	1/2014
D: 6,168	.U TVD		T	Slant	- Origin	al Hole,	7/29/2014 9:18	3:36 AM	_		
MD (ftKB)	(ftKB)	Incl (°)	DLS				Vert	ical schematic (a	ictual)		
-2.0	-1.9 0.0	0.8	DLS (° 0 —— 4								
9.8	9.9 10.2	0.8			nisianan	un qua que		ungundungung dina abar	III. MIGAILIANALIAN		ALL STATES IL ALL ALL ALL ALL ALL ALL ALL ALL ALL
10.8	10_9	0.8				-		—1-1; Tubing H	anger; 7; 2.4	41; 10-11; 0.90	
14.1	12.2 14_1	0.8									
29,9	19_1 29_9	0.8						-1; Conductor;	14 in; 13.500	0 in; 10-19 ftKB; 9.0	00 π
36.1	32.2 36.1	0.8									
274.3	54.2 274.3	0.8									
275.6	274.6 275.6	0.8									
313.0	311.7 313.0	0.8						2; Surface; 8	5/8 in; 8.097	in; 10-313 ftKB; 30	3.06 ft
2,086.0	325_1 2,072_1	9.4	Z								
3,387.8	3,346.0 3,356.6	9.8	2					— 1-2; Tubing; 2	2 7/8; 2.441; 1	11-5,813; 5,802.21	
4,416.0	4,368.3 4,372.2	9.0	5	2800 2009			98898 9889	-Perforated; 4,	412-4,416; 6/	/4/2014	
4,693.9	4,644.6 4,646.5	9.0	5				9888 9888	-Perforated; 4,	692-4,694; 6/	/4/2014	
4,735.9	4,684.1 4,688.0	8.9		2888 			1920) 1930) -	— Perforated; 4,	732-4,736; 6/	/4/2014	
4,902.9	4,852.1 4,853.0	8.6	1				8885 69885	-Perforated; 4,	902-4,903; 6/	/4/2014	
4,912.1	4,861.1	8.6					8836 8636	-Perforated; 4,	911-4,912; 6/	/4/2014	
	5,091.9	7.2	3					-Perforated; 5,	144-5,150; 6/	/4/2014	
5,149.9	5,097.8 5,108.8		-								
5,779.9	5,721.1 5,725.3	8.8	7	100000 100000 100000				-Perforated; 5,	780-5,784; 6/	/3/2014	
5,813.0	5,753.9 5,756.8	8.7								2.441; 5,813-5,816	; 2.80
5,848.8	5,789.2 5,790.5	8.7			1					5,816-5,849; 32.94 2 7/8; 2 250; 5,849	-5,850; 1.10
5,860.9	5,801.2 5,822.9	8.6						— 1-6; Tubing; 2	2 7/8; 2.441; 5	5,850-5,883; 32.98	
5,884.8	5,824.9 5,827.2	8.8			E					8; 2.441; 5,883-5,8	
5,904.2	5,844.0 5,909.1	9.0	$\left \right\rangle$							0; 5,887-5,904; 17.: 5,904-5,970; 65.94	23
5,970.8	5,909.8 6,074.6	9.2	\geq		F	-		— 1-10; Valve; 2	7/8; 0.000; 5	5,970-5,971; 0.70	
6,139.1	6,076.6	6.9									
6,162.1	6,098.7 6,099.4 6,105.3	6.9						-3; Production;	5 1/2 in; 4.9	50 in; 10-6,162 ftKE	3; 6,152.20 ft
	6,105,3		ľ	D-545							

NEWF	IELD					Sche	ematic			
Well Ner			0.45		42	-01	3-524	<i>i</i> 17		
Well Nar Surface Legal Lo	cation				API/UWI		Well RC	Lease	State/Province	Field Name County
SENW 1926 Spud Date			22 T9S R15E In Production Date	Original KB Elevation			500348487 levation (ft)	UTU68548 Total Depth All (TV	Utah D) (ftKB)	GMBU CTB2 Duchesne PBTD (All) (ftKB)
5/6/2014	5/17/2	2014 6	6/11/2014	6,437		6,427		Original Hole -	6,010.1	Original Hole - 6,157.6
Most Recen Job Category	t Job	P	rimary Job Type		Secondary	у Јор Туре		Job Start Date		Job End Date
Initial Compl		F	racture Treatm		P&P			1	/2014	6/10/2014
TD: 6,211	.0 TVD		ī	Slant	- Origina	al Hole,	7/29/2014 9:19	9:37 AM		
MD (ftKB)	(ftKB)	Incl (°)	DLS				Ver	tical schematic (a	actual)	
0.0	0.0	0.1	DLS (° 0 <u>4</u>		1	1				
10.2	10.2	0.1			T E	E		— 1-1; Tubing H	langer; 7; 2.44	41; 10-11; 0.90
12.5	12.5	0.1								
15.1	15.1	0.1			II.			1; Conductor;	14 in; 13.500) in; 10-15 ftKB; 5.00 ft
32.2	32.2	0.1								
42.0 275.3	42.0 275.3	0.1								
320.5	320.5	0.1								
330.1	330.1	0.1	~					2; Surface; 8	5/8 in; 8.097 i	n; 10-322 ftKB; 311.99 ft
3,487.2	3,394.5	18.8	Ŧ					— 1-2; Tubing; 2	2 7/8; 2.441; 1	1-5,384; 5,373.10
4,441.9	4,310.5	15.4	ŧ				888 •	-Perforated; 4,	442-4,444; 6/	4/2014
4,455.1	4,323,1	15.6		183860 63969			8888	-Perforated; 4,		
4,542.0	4,406.7	16.3		3500 2500			8388 8399	-Perforated; 4,	542-4,544; 6/	4/2014
4,604.0	4,466.2	16.4		55574 55594			N656	— Perforated; 4,	604-4,606; 6/	4/2014
4,616.1	4,477.8	16.6		9999 3535 5755			19593 19593 19593	-Perforated; 4,	616-4,618; 6/	4/2014
4,667.0	4,526.5	16.8	5					-Perforated; 4,	810-4.812: 6/	4/2014
4,812.0	4,665.8	16.1					888	-Perforated; 4,		
4,836.0	4,688.8 5,094.5	16.2 15.1	M	19268 19586			8855 8955	— Perforated; 5,		
5,268.0	5,105.2	15.1		20094 92020			69282	— Perforated; 5,		
5,286.1	5,122.6	15.2		5385 5386				— Perforated; 5,	285-5,286; 6/	3/2014
5,359.9	5,193 9	15.0		2000 2000 2000			1999) 1999): 1999):	-Perforated; 5,	356-5,360; 6/3	3/2014
5,386.8	5,219.9	15.1			E					2.441; 5,384-5,387; 2.80 ,387-5,420; 33.02
5,419.9	5,251,9	15.3			E			-		2 7/8; 2.250; 5,420-5,421; 1.10
5,440.9	5,272.2	15.1			3			—1-6; Tubing; 2	2 7/8; 2.441; 5	,421-5,454; 32.96
5,458.0	5,288.6	15.0			1#			-1-8; Desande	r; 3 1/2; 1.000	3; 2,441; 5,454-5,458; 4.20); 5,458-5,475; 17,30
5,541.3	5,369.2	14.8	1					— 1-9; Tubing; 2	27/8; 2.441; 5	,475-5,541; 66.01
6,159,4	5,960.4	15.4								
6,204.1	6,003.4	15.4						3; Production;	; 5 1/2 in; 4.95	50 in; 10-6,204 ftKB; 6,194.09 ft
www.newfi	eld.com	-				Pa	ge 1/1			Report Printed: 7/29/20

NEWF	IELD				s	chematic			
	ne: GN	IBU I-22-9	-15		43-	013-52	414		
Surface Legal Lo SWNE 1982	cation				API/UWI	Well RC 0000 500348489	Lease UTU68548	State/Province Utah	Field Name County GMBU CTB2 Duchesne
Spud Date 5/1/2014		ease Date Or		Original KB Elevation 6,467	(ft) Gro	ound Elevation (ft) 457	Total Depth All (TVI	D) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,260.2
Most Recen		2014		0,407	10,-	+01	Original Hole -	0,171,1	Oliginal Hole - 0,200.2
Job Category Initial Compl			mary Job Type acture Treatm	nent	Secondary Job	Туре	Job Start Date 5/27	7/2014	Job End Date 6/6/2014
TD: 6,320		1				lole, 7/29/2014 9:2		12014	01012014
MD (ftKB)	TVD (ftKB)	Incl (°)	DLS				rtical schematic (a	ictual)	
2.0	2.0	1.3	DLS (° 0 4		щ				
10.2	10.2	1.3						anger; 7; 2.44	1· 10-11: 0 90
12,1	12.2	1.3					i i i uonig i i	anger, 7, 2.44	1, 10-11, 0.00
16.1	16_1	1.3					1; Conductor;	14 in; 13.500	in; 10-16 ftKB; 6.00 ft
34.1	34.2	1.3							
45.9 274.0	46.0 273.9	1.3							
318.6	318.6	1.3							
325.1	325.1	1.3	35				2; Surface; 8	5/8 in; 8.097 in	a; 10-320 ftKB; 310.19 ft
3,471.1	3,402.0	16.1	F				— 1-2; Tubing; 2	7/8; 2.441; 11	-5,947; 5,936.30
3,488.5	3,418.7	16.1	3						
4,273.9	4,180.1	13.1		10000 10000		19926		272-4,274; 5/3	
4,282.2	4,188,1	13.1		20000 20000 00000		- CASS -	Perforated; 4,: Perforated; 4,:	288-4,290; 5/3	
4,290.0	4,195.8 4,435.4	13.1	4	29268 1 29556		140002 192002		534-4,536; 5/3	
4,536.1	4,435,4	14.0 13.9	F			186355 18655	-Perforated; 4,	692-4,696; 5/3	0/2014
4,972.1	4,858.3	14.3	1	(200) 1900		10152 14053	Perforated; 4,	970-4,972; 5/3	0/2014
5,078.1	4,961.0	14.2		92888 39365 10868		12888 149621 20055	Perforated; 5,	075-5,078; 5/3	0/2014
5,225.1	5,103.7	13.2					-Perforated; 5,	225-5,230; 5/3	0/2014
5,759.8	5,625,9	11.9	5	1988 1988		16388 18966	Perforated; 5,	760-5,762; 5/2	7/2014
5,947.2	5,809.0	13.0	5			3	— 1-3; Anchor/ca	atcher; 4 1/2; 2	2.441; 5,947-5,950; 2.80
5,956.0	5,817.6	13,1		2000 00000		19858 19858	Perforated; 5,		
5,971.1	5,832.3	13.2			10				950-5,983; 33.01 ? 7/8; 2.250; 5,983-5,984; 1.10
5,984.3	5,845.1	13.3			-22				984-6,017; 32.95
6,017.1	5,877.0	13.5			110				; 2.441; 6,017-6,021; 4.00 6,021-6,038; 17.00
6,071.9	5,897.4	13.8 14.2							038-6,071; 32.95 071-6,072; 0.80
6,261.8	6,114.5	13.5	1						
6,306.8	6,158,2	13.5						5 1/2 in; 4.950	0 in; 10-6,307 ftKB; 6,296.84 ft
www.newf	ield.com				<u></u>	Page 1/1	<u></u>	<u></u>	Report Printed: 7/29/20

NEWF	IELD						ematic				
Y &	ne: GM	BU M-22-	9-15		4.	3-0	13-52	-422			
SWNE 2002		FEL Sec 22	79S R15E		API/UWI	-	Well RC 500348491	Lease UTU68548	State/Province Utah	Field Name GMBU CTB2	County
Spud Date 4/30/2014		ase Date On	Production Date 4/2014	Original KB Elevation 6.467			levation (ft)	Total Depth All (TV Original Hole	D) (ftKB)	PBTD (All) (ftKB) Original Hole -	
Nost Recent			72014	0,401	_	0,401		Toriginal hole	0,100.0		0,207.2
ob Category nitial Comple	etion		nary Job Type acture Treatm	ent	Secondar P&P	y Job Type		Job Start Date 5/2	8/2014	Job End Date 6/4/	/2014
D: 6,240	111-11				- Origin	al Hole,	7/29/2014 9:21				
	TVD	1 . 1 (2)					in the second				
MD (ftKB)	(ftKB)	Incl (°)	DLS DLS (°				ven	tical schematic (a	actual)		
0.0	0.1	1.2	03							-	
10.8	10.9	1.2	1							1; 10-11; 0.90	
13.8	13.8	1.2									
29.9	29.9	1.2						1; Conductor	; 14 in; 13.500	in; 10-16 ftKB; 6.0	Oft
36.1	36.1	1.2									
49.9	49.9	1.2									
274.6	274.6	1.2				1					
							T I				
319.6	319,5	1.2						-2; Surface; 8	5/8 in; 8.097 in	n; 10-321 ftKB; 310).98 ft
325.1	325,1	1.2	Y								
3,391.7	3,328.9	15.6	Ī					— 1-2; Tubing; 2	2 7/8; 2,441; 1	1-5,848; 5,836.69	
4,232.0	4,143.2	13.1	7				120 I	-Perforated; 4	,232-4,234; 5/3	30/2014	
4,243.1	4,154.1	13.2					40	-Perforated; 4	,243-4,245; 5/3	30/2014	
4,266.1	4,176.5	13.3		39		The second se	68 68	-Perforated; 4	,266-4,268; 5/3	30/2014	
4,290.0	4,199.8	13.4					464	-Perforated: 4	,290-4,292; 5/3	30/2014	
4,299.9	4,209.4	13.3	1/ 1	30			88		,300-4,302; 5/3		
4,755.9	4,653,3	13.4	5	59							
4,784.1	4,680_7	13.7	$ \rangle$	39			66). MR		,756-4,758; 5/3		
4,818.9	4,714.5	13.7					94. 88.		,784-4,787; 5/3		
4,826.1	4,721.5	13.7	$ \ell $	200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200	I L		145	— Perforated; 4	,819-4,821; 5/3	30/2014	
	4,867.3		$ \rangle$	200 200			98	- Perforated; 4	,826-4,828; 5/3	30/2014	
4,976.0		13.5	11 1				85	-Perforated; 4	,976-4,978; 5/3	30/2014	
4,987.9	4,878.8	13,5		30			395	-Perforated; 4	,988-4,990; 5/3	30/2014	
5,149.9	5,036,4	13.2						Dorforated: 5	204 5 210: 5/	20/2014	
5,210.0	5,094,9	13.2	=						,204-5,210; 5/3		
5,850.4	5,719.6	13.0							atcher; 4 1/2; 2 ,879-5,883; 5/2	2.441; 5,848-5,850 27/2014	; 2.80
5,882.9	5,751.2	12.9		39			56	/	and the second second second	,850-5,916; 65.95	
5,916,3	5,783.9	12.6				2		— 1-5: Pump Se	eating Nipple: 2	2 7/8; 2.250; 5,916-	5,917: 1.10
5,923.9	5,791.2	12.5				1		1-6; Tubing; 2	2 7/8; 2.441; 5,	917-5,950; 32.98	<u> </u>
5,954.4	5,821.0	12.3				-		-		; 2.441; 5,950-5,95 ; 5,955-5,972; 17.0	
6,004.6	5,870.1	12.5					88 88	-1-9; Tubing; 2	2 7/8; 2.441; 5,	972-6,004; 32.95	
6,207.3	6,068.4	11.2	5			-			2 776, 0.000; 6,	,004-6,005; 0.80	
6,231.0	6,091.6	11.2									
								3; Production	; 5 1/2 in; 4.95	0 in; 10-6,232 ftKB	; 6,222.17 ft
6,240.2 www.newfi	6,100.6	11.2	ľ l								

NEWF	IELD				S	chematic				
Well Nan	e: GM	IBU 0-23	-9-15		43	-013-5	2501			
urface Legal Lo ENE 1831	cation				API/UWI	VVen RC 0000 500379606	Lease UTU68548	State/Province	Field Name County GMBU CTB3 Duch	
pud Date /7/2014	Rig Rele	ease Date	On Production Date	Original KB Elevation	1 (R) Gro	ound Elevation (ft)	Total Depth All (TVL Original Hole -)) (πKB)	PBTD (AII) (ftKB)	
lost Recen	7/23/2	2014	8/20/2014	6,460	[0,1	+49	Oliginal Hole -	0,123.1	Original Hole - 6,264.8	5
b Category nitial Compl			nmary Job Type	aant	Secondary Job	Туре	Job Start Date	/2014	Job End Date	
D: 6,299		P	Fracture Treatr			ole, 9/10/2014 8:2:		12014	8/15/2014	
	TVD	1.10		Sianc	- Onginai n	and the second second second				
MD (ftKB)	(ftKB)	Incl (°)	DLS DLS (°			Ven	tical schematic (a	ictual)		
0.0	01	1.7		and and a support of the second second		INTERNET AND AND AND AND ADDRESS OF ADDRES	aning the state of	IN DAMLO AN ADDRESS OF BUILDING	AN OTHER ADDRESS OF ADDRESS AND ADDRESS	ane all in the set of
11.2	11.3	1.7		1	H		-1-1; Tubing H	anger; 7; 2.44	1; 11-12; 0.90	
12.8	12.9	1.7				P				
18.0	18.2	1.7					1; Conductor;	14 in; 13.500	in; 11-18 ftKB; 7.00 ft	
32.2 42.0	32 3 42 1	1.7								
52.2	42.1 52.3	1.7								
300.5	300 5	1.7		and a						
343 2	343 1	1.7					2; Surface: 8	5/8 in; 8.097 ir	n; 11-343 ftKB; 332.15 ft	T
2,054.1	2,033 5	12.3		22202		and a second				_
3,451.4	3,379.2	17.4						2 7/8; 2.441; 12	2-5,927; 5,914.99	
4,294.0	4,190.7	14.4					-Perforated 4	294-4,298; 8/1	12/2014	
4,940.0	4.812.7	15.4				4508 4508		.940-4,941; 8/1		
5,002.0	4,872,5	15.4		1010A		14202		,002-5,004; 8/1		
5,060.0	4,928.5	14,9	-	einso Store		1052L 10000		060-5,063; 8/1		
5,155.8	5,021 2	14.5		Editor Vegetor		199601 199503	-Perforated: 5,	156-5,160; 8/1	12/2014	
5,210.3	5,073 9	14.2			IH					
5,538,1	5,390 2	<mark>16.1</mark>		SK00		4855	-Perforated; 5,	,536-5,538; 8/1	12/2014	
5,650.9	5,498.9	15.1		Sector Maso		1000 P	-Perforated; 5,	,647-5,651; 8/1	12/2014	
5,728.0	5,573 3	15.3		1070-M			-Perforated; 5,	,727-5,728; 8/7	7/2014	
5,734.9	5,580 0	15.2		VOID VOID		1000	-Perforated; 5,	734-5,735; 8/7	7/2014	
5,774.0	5.617 7	14.8		1920		6102	-Perforated; 5,	772-5,774; 8/7	7/2014	
5,839 9	5,681 4	15.1		(2250 Sister		49202 (78202	-Perforated; 5,	,837-5,840; 8/7	7/2014	
5,926.8	5,765 3	15.0		BECKI SODA		RESERVE	-Perforated; 5,			
5,929.8	5,768 2	15.0			2.1				2.441; 5,927-5,930; 2.80 ,930-5,962; 32.71	
5,962.3	5,799 5	14.9			-		•		2 7/8; 2.250; 5,962-5,963	: 1.10
5,985 9	5,822 4	14.9			1		-1-6; Tubing; 2	2 7/8; 2.441; 5,	963-5,996; 32.67	
6,000.3	5,836 3	14.9			-				; 2.441; 5,996-6,000; 4.0 ; 6,000-6,017; 17.06	4
6,082.7	5,915 8	15.2					-1-9; Tubing; 2	2 7/8; 2 441; 6,	017-6,083; 65 36 083-6,083; 0 80	
6,264.8	6,092 4	13.1								
6,287.7	6,114 8	13.1					D. Desdar	E 10	0	7 70 5
6,298.9	6,125.6	13.1		80	8		-{3; Production	, o 1/2 in; 4.95	0 in; 11-6,289 ftKB; 6,27	7.72 ft
www.newfi	eld.com					Page 1/1			Report Printed:	9/10/20

NEWF	IELD				Sc	hematic				
Woll Nor			0.15		42.	013-525	502			
Well Nan	cation				API/UWI	Well RC	Lease	State/Province	Field Name	County
SENE 1851	Rig Relea	se Dale 0		Original KB Elevation	(ft) Grou	1000 500348493 ind Elevation (#)	Total Depth All (TVI		GMBU CTB2 PBTD (All) (ftKB)	Duchesne
/8/2014	7/26/20	014		6,460	6,4	49	Original Hole -	6,110.7	Original Hole -	6,199.4
b Calegory			rimary Job Type		Secondary Job	Гуре	Job Start Date		Job End Date	100-200 ×
nitial Compl	and the second second	F	racture Treatm		P&P			/2014	8/19	9/2014
D: 6,253	TVD I			Slant	- Original Ho	ole, 9/10/2014 8:24	:50 AM			
MD (ftKB)	(ftKB)	Incl (°)	DLS			Verti	ical schematic (a	actual)		
1.0	11	1.4	DLS (° 03	-	-		- 1-1; Tubing H	langer; 7; 2.44	41; 0-1; 0.90	
12.5	12.5	1.4			9		and a second	IN STREET, SALES STREET, STREET	INTERNATION AND INCOMES IN CONTRACTORS	ARTICLES AND A COMPANY
							1 Conductor	14 in: 12 500) in; 11-19 ftKB; 8.0	0.6]
19.0	19 1	1.4					-1, Conductor	, 14 m, 13.500	7 m, 11-19 mcb, 0.0	JUR
32.2	32.2	1.4								
42.0	42 1	1.4			ole					
299.2	299 2	1.4								
341.5	341.5	1.4			312		0.0.1	C/0 1- 0 007		1 00 0
351.0	351.0	1.4	F			A CARLOR	-{2; Surface; 8	5/8 m; 8.097 i	in; 11-343 ftKB; 33	1.90 11
3,433 1	3,367 6	16.1	E				- 1-2; Tubing; 2	2 7/8; 2.441; 1	-5,954; 5,952.99	
4,235.9	4,146 7	12.3	*				_			
	4,155 7	12.3		1928A		6055	- Perforated; 4	,236-4,238; 8/	13/2014	
4,245_1			12	12854 12858		- MARKE	-Perforated; 4	,245-4,247; 8/	13/2014	
4,778 9	4,675 4	13.5	3	Store		1.00	-Perforated; 4	,779-4,780; 8/	13/2014	
4,917.0	4,809 6	13.9		10000 10000		1000	-Perforated; 4	,917-4,919; 8/	/13/2014	
4,993 1	4,883 5	14.0		10000 10000		10302 8600	-Perforated; 4	,993-4,997; 8/	/13/2014	
5,159_1	5,044 5	14.1	2	(620) (70)(52		10002	-Perforated; 5	,159-5,161; 8/	/13/2014	
5,174.9	5,059 8	14.2		EEEA Marine		1956) 1976)		,175-5,177; 8/		
5,191 9	5,076 3	14.3		05664		MERICA				
5,242 1	5,125 0	13.8		20200 Silos			-Perforated; 5	,192-5,194;8/	13/2014	
	5,367 2	13.8	\geq	Alexa Meore	A		-Perforated; 5	,490-5,491; 8/	/13/2014	
5,491,1			3	ala ana ana ana ana ana ana ana ana ana		1265	Perforated: 5	,608-5,610; 8/	/13/2014	
5,609.9	5,482 7	12.7		8000 8000		17656 19556	Perforated; 5	• A 19 24 AD• 27 7000 17		
5,643.0	5,515.1	12.9	18	3202		12635				
5,797.9	5,665.8	13.5	3	States States		- 4562 ·	Perforated; 5			
5,938.0	5,802.2	12.7		News State		142(2)		,936-5,938; 8/		
5,956.7	5,820 4	12.5		·	E P	1000 N		and the second sec	2.441; 5,954-5,95 5,957-5,989; 32.70	7; 2.80
5,989 5	5,852 5	12,4		86936		655	-1-5; Pump Se	eating Nipple;	2 7/8; 2.441; 5,989	9-5,991; 1,10
5,992.1	5,855 0	12,4		1000		1688		,988-5,992; 8/		
					88				5,991-6,023; 32.71	
6,023.3	5,005.5	12.2			YEAR				'8; 2.441; 6,023-6,0 1; 6,027-6,044; 17	
6,044 3	5,906.0	12.0	11				-1-9; Tubing;	2 7/8; 2.441; 6	5,044-6,110; 65.37	
6,110.6	5,970.9	11.3	2		Car to		-1-10; Safety	valve; 2 //8; 2	2.441; 6,110-6,110;	0.80
6,201 1	6,059 8	11.2								
6,246.4	6,104.2	11.2				100	3; Production	i; 5 1/2 in; 4.9	50 in; 11-6,246 ftK	B; 6,235.27 ft
6,253.0	6,1106	11.2	/	8080	*	10000				
www.newfi						Page 1/1				nted: 9/10/2

NEWF	IELD					Schematic				
_ where					11.	3-013	52	579		
Surface Legal Lo	cation	BU J-22-9-			API/UWI	Well RC		Lease	State/Province	Field Name County
SWNW 1834 Spud Date		FWL Sec 23		Original KB Elevation		25790000 5003483	93	UTU66185 Total Depth All (TVD	Utah	GMBU CTB2 Duchesne
7/23/2014	8/10/2	and the second se	Contraction of the second second	6,363		6,352		Original Hole -		Original Hole - 6,181.9
Most Recent	t Job	Prime	ary Job Type		Secondar	у Јор Туре		Job Start Dale		Job End Date
Initial Compl			cture Treatme	in the second	P&P	and the second			/2014	8/28/2014
TD: 6,226			T T	Slant	- Origin	al Hole, 9/29/2014	9:49:	15 AM		
MD (ftKB)	TVD (ftKB)	Incl (°)	DLS				Vertic	al schematic (a	ctual)	
2.0	20	0.0	DLS (°		J	1				and the second
11.8	11.0	0.0		Sillin a L			200 200	-1-1; Tubing Ha	anger; 7; 2.44	41; 11-12; 0.80
15.1	15 1	0.0			4					
32.2	32.2	0.1					1	1; Conductor;	14 in; 13.500	0 in; 11-17 ftKB; 6.00 ft
38.1	38 1	0.1								
52.2	52.2	0.1								
300.5	300.5	0.7								
343.2	343.2	0.8						2: Surface: 8 f	5/8 in: 8 097	in; 11-343 ftKB; 332.19 ft
2,045.9	2,027 3	11.6		Manager						
3,377.6	3,321 5	16.7						-1-2; Tubing; 2	7/8; 2.441; 1	12-5,945; 5,933.53
4,613.8	4,524 2	13.0		ESSO ESARA		4455		-Perforated; 4,6	612-4,614; 8/	/26/2014
4,710.0	4,617 9	12.8		Maria Maria		16068 16088		-Perforated; 4,	706-4,710; 8/	/26/2014
4,883.9	4,787 6	12.3		5000		125725		-Perforated; 4,8	883-4,884; 8/	/26/2014
4,936.0	4,838 6	12.3		94604 (2000		- XA3/6 - XA3/8		-Perforated; 4,9	934-4,936; 8/	/26/2014
4,992.1	4,893 4	12.6		New New		- 1000		-Perforated; 4,9	988-4,992; 8/	/26/2014
5,060 0	4,959 7	12.3		300				Derferated: 5/	DED E 061. 8	126/2014
5,076.1	4,975 4	12.2		1990 1990 1990		00000		-Perforated; 5,0		
5,131.9	5,030.0	11.0		39294 (5920		12000		- Perforated; 5,		
5,465.9	5,381 1	8.1		50650 \$0900		1000 F		-Perforated; 5,		
5,487.9	5,382 8	8.8		2050		8920		-Perforated; 5,4		
5,532.2	5,426 6	9.1		Dear-		- #4053() - (765 <u>5()</u>		- Perforated; 5,		
5,568.9	5,462 9	9.0		10000 10000	I II	1420A		-Perforated; 5,		
5,576.1	5,470 0	9.1		89000 89000		FA370 97662		-Perforated; 5,		
5,607.9	5,501 4	9.3		10000 12080		10000		-Perforated; 5,		
5.691.9	5,584 2	10.2		101600 1729-00		4466 46920		-Perforated; 5,		
5,846.1	5,735 7	11.7		(50%) (50%)		×9856		- Perforated; 5,		
5,945.2	5,632.4	13.2		enan Mar		6000		-Perforated; 5,		
5,955 1	5 842 0	13.3				(222)		 1-3; Anchor/ca Perforated; 5, 		; 2.441; 5,945-5,948; 2.80
5,971.1	5,857 6	13.5		92894 \$388		2020		ALC: A DECEMBER OF DECEMBER OF DECEMBER		5,948-5,981; 33.08
5,982.3	5,868 5	13.5								2 7/8; 2.250; 5,981-5,982; 1 10
6,015.4	5,900.7	13.5			F		_			5,982-6,015; 33.07 /8; 2.441; 6,015-6,020; 4 <i>.</i> 40
6,036.7	5,900.7	13.5			11	6000		-1-8; Desander	r; 3 1/2; 1.00	0; 6,020-6,037; 17.06
6,070.5	5,954 3	13.4					_			6,037-6,070; 33.04 6,070-6,071; 0.80
6,183.7	6,064 5	13.4			-			- a a veze la dessociation	n e unarte pu≥ririt d'¶ i	nagina na na handigan - kata na hangina
6,206.7	6,086 8	13.4						3: Production	5 1/2 in 4 9	50 in; 11-6,207 ftKB; 6,195.65 ft
	_	13.4			8				0 12 11, 4.9	
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Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078



Sample ID: WA-53130

Water Analysis Report

Production Company: NEWFIELD PRODUCTION (158) Well Name: Ashley IF Sample Point: tank Sample Date: 1 /7 /2011 Sales Rep: Monty Frost Lab Tech: Peter Poulsen

Sample Specifi	cs	Analysis @ Properties in Sample Specifics					
Test Date:	1/24/2011	Cations	mg/L	Anions	mg/L		
		Calcium (Ca):	34.57	Chloride (CI):	3000.00		
Temperature (°F):	100	Magnesium (Mg):	18.40	Sulfate (SO4):	10.00		
Sample Pressure (psig):		Barium (Ba):	7.62	Dissolved CO ₂ :	•		
Specific Gravity (g/cm3):	1.0017	Strontium (Sr):	•	Bicarbonate (HCO ₃):	927.00		
pH:	7.98	Sodium (Na):	2218.00	Carbonate (CO ₃):	•		
Turbidity (NTU):	•••••••••••••••••••••••••••••••••••••••	Potassium (K):	•	H ₂ S:	1.00		
		Iron (Fe):	0.32	Phosphate (PO ₄):			
		Manganese (Mn):	0.02	Silica (SiO ₂):	•		
Calculated T.D.S. (mg/L)	6217	Lithium (Li):		Fluoride (F):	•		
Molar Conductivity (µS/cm):	9420	Aluminum (Al):		Nitrate (NO ₃):	-		
Resitivity (Mohm):	1.0616	Ammonia NH ₃ :	•	Lead (Pb):			
				Zinc (Zn):	•		
				Bromine (Br):			

			Scale Values @ Test Conditions - Potential Amount of Scale in Ib/1000bbl									
Test Conditions		Calcium Ca		and a state of the state	Gypsum		Calcium Sulfate		Strontium Sulfate		ulfate	Calculated
Temp	Gauge Press.	CaC	O 3	CaSO ₄ .	2H ₂ O	CaS	04	SrSC	04	BaSC	04	CO 2
°F	psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60		-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Multi-Chem Production Chemicals

Ethics

Commitment

Notes:

Boron (B):

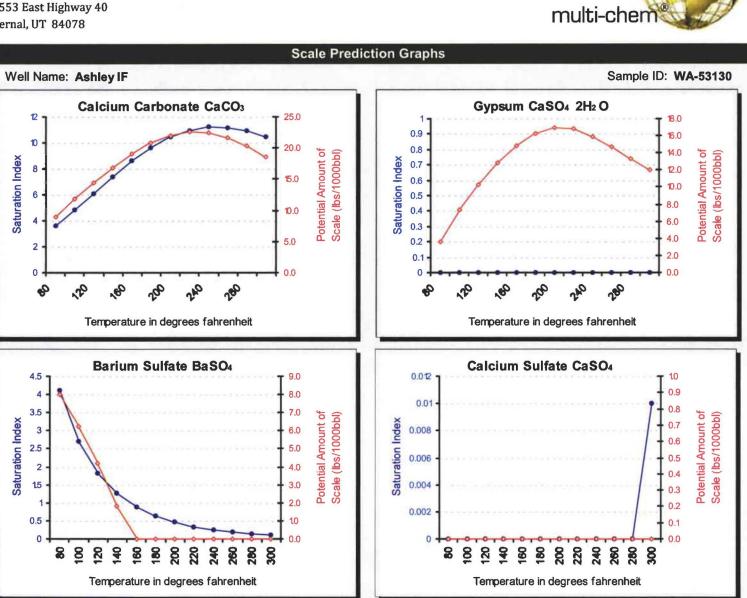
Excellence

Monday, January 24, 2011

ATTACHMENT P

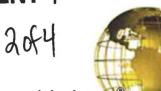
Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078



Multi-Chem Production Chemicals

Excellence



Monday, January 24, 2011

ATTACHMENT F

3054

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078

multi-chem

Sample ID: WA-58643

Water Analysis Report

Production Company: NEWFIELD PRODUCTION (158) Well Name: Ashley Federal 10-22-9-15 Sample Point: Treater Sample Date: 5 /16/2011 Sales Rep: Darren Betts Lab Tech: John Keel

Sample Specifics		Ana	Analysis @ Properties in Sample Specifics						
Test Date:	6/3/2011	Cations	mg/L	Anions	mg/L				
		Calcium (Ca):	7.60	Chloride (CI):	7000.00				
Temperature (°F):	70	Magnesium (Mg):	6.80	Sulfate (SO 4):	11.00				
Sample Pressure (psig):		Barium (Ba):	9.90	Dissolved CO ₂ :	•				
Specific Gravity (g/cm ^a):	1.0110	Strontium (Sr):	-	Bicarbonate (HCO 3):	3465.00				
pH:	8.3	Sodium (Na):	5761.00	Carbonate (CO 3):	•				
Turbidity (NTU):	-	Potassium (K):	-	H ₂ S:	0.50				
		Iron (Fe):	0.19	Phosphate (PO 4):	-				
		Manganese (Mn):	0.16	Silica (SiO ₂):	•				
Calculated T.D.S. (mg/L):	16262	Lithium (Li):		Fluoride (F):					
Molar Conductivity (µS/cm):	24640	Aluminum (AI):	•	Nitrate (NO 3):	•				
Resitivity (Mohm):	0,4058	Ammonia NH ₃ :	•	Lead (Pb):	•				
				Zinc (Zn):					
				Bromine (Br):	•				
				Boron (B):					

		Scale Values @ Test Conditions - Potential Amount of Scale									e in lb/1000bbl			
Test Conditions		Calcium Carbonate		Gyps		Calcium		Strontium Sulfate		Barium Sulfate		Calculated		
Temp	Gauge Press.	CaC	03	CaSO ₄ .	2H 20	CaS	04	SrSC	04	BaSC	04	CO 2		
°F	psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi		
70		2.91	8.99	0.00	-2741.30	0.00	-3146.90		2.24	6.08	11.51	0.66		
80	0	3.40	9.50	0.00	-2767.80	0.00	-3102.40		-	4.82	10.57	0.21		
100	0	4.34	9.82	0.00	-2789.90	0.00	-2923.30	-	-	3.25	8.65	0.28		
120	0	5.11	9.59	0.00	-2592.90	0.00	-2656.50	-	-	2.33	6.69	0.33		
140	0	5.69	9.15	0.00	-2392.80	0.00	-2339.70	-	-	1.70	4.51	0.38		
160	0	6.03	8.68	0.00	-2225 90	0.00	-2006.10	-	-	1.26	2.09	0.44		
180	0	6.12	8.27	0.00	-2086.40	0.00	-1681.20	-	-	0.94	-0.58	0.50		
200	0	5.98	7.99	0.00	-1970.50	0.00	-1382.00	-	-	0.71	-3.53	0.53		
220	2.51	5.64	7.87	0.00	-1897.40	0.00	-1131.30	-	-	0.53	-7.09	0.55		
240	10.3	5.23	7.80	0.00	-1821.70	0.00	-904.28	-	-	0.41	-10.81	0.58		
260	20.76	4.76	7.78	0.00	-1761.90	0.00	-714.53	-	-	0.32	-14.97	0.60		
280	34.54	4.27	7.75	0.00	-1716.50	0.00	-559.11		-	0.24	-19.63	0.63		
300	52.34	3.78	7.65	0.00	-1684.20	0.00	-433.84	-	-	0.19	-24.87	0.66		

Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Multi-Chem Production Chemicals

Ethics

Page 1 of 2

Notes:

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Excellence

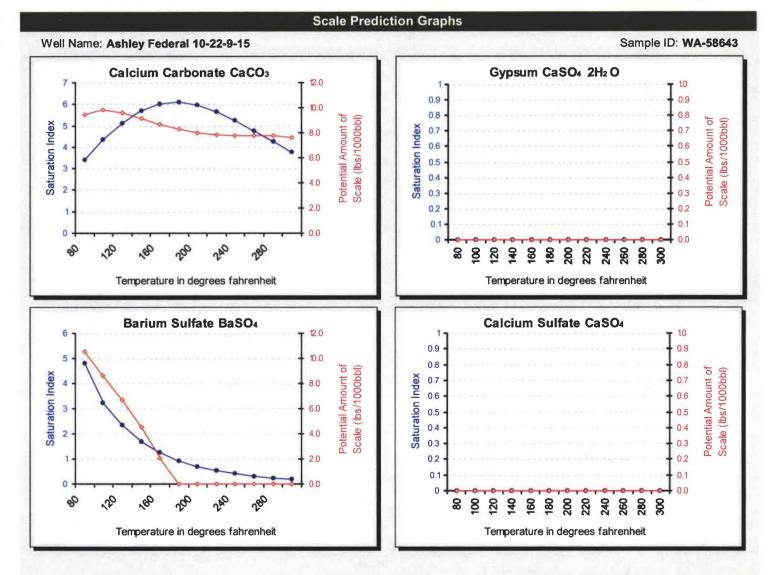
ATTACHMENT P

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multi-chem

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078



Excellence

Friday, June 03, 2011

Attachment "G"

Ashley Federal #10-22-9-15 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth	ISIP	Calculated Frac Gradient	
Тор	Bottom	(feet)	(psi)	(psi/ft)	Pmax
5628	5636	5632	2005	0.79	1968
5442	5455	5449	1920	0.79	1885
5136	5144	5140	2450	0.91	2417
5036	5052	5044	2680	0.97	2647
4779	4788	4784	2160	0.88	2129
4634	4646	4640	2190	0.91	2160
4533	4548	4541	2310	0.94	2281
3982	3988	3985	1380	0.78	1354 🚽 🚽
				Minimum	1354

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

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		t val		DAILY COMPI	LETION REP	ORT			
WELL I	NAME:	A	Ashley Federal 1	0-22-9-15	Report Date:	25-	May-06		Day: 01
Оре	eration:		Completion				Rig:	Rigless	
				WELL	STATUS				
Surf Csg:	8-5/8	@	319'	Prod Csg	: 5-1/2"	@	6064'	Csg PBTD:	5971'WL
Tbg:	Size:		Wt:	Grd:	Pkr/EC	от @: _		BP/Sand PBTD	
				PERFORA		2			
Zone			<u>Perfs</u>	SPF/#shots	Zoi	ne		Perfs	SPF/#shots
		. <u></u>			CP3 s	ds	5628-	5636'	4/32
				·····			<u></u>		
				CHRONOLOGI	CAL OPERAT	ONS			·····
Date Wor	k Perfor	med	1: 24-Ma	y-06			SITP:	SICP:	0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5971' & cement top @ 60' Perforate stage #1, CP3 sds @ 5628-36' w/ 4" Port guns (19 gram, .46"HE. 120) w/ 4 spf for total of 32 shots. 142 bbls BWTR. SIFN.

· · · ·		FL	UID RECO	VERY (BBLS)		
Starting fluid le	oad to be recovered:	142	Startin	ng oil rec to date	:	,
Fluid lost/reco	· · · · · · · · · · · · · · · · · · ·	0	Oil los	t/recovered toda	ay:	_
-	be recovered:	142	Cum o	il recovered:		_
IFL:	FFL:	_ FTP:	Choke:	Fi	inal Fluid Rate:	Final oil cut:
	STIMULAT	ION DETAIL			COST	<u>s</u>
Base Fluid use	ed:	Job Type:			Weatherford BOF	<u>\$460</u>
Company:	·····	-			NPC NU crev	\$300
Procedure or E	equipment detail:				NDSI trucking	\$800
	·····	,			Perforators LLC	\$5,304
		-	-		Drilling cos	t \$378,055
•					Zubiate Hot Oi	I \$340
				······	Location preparation	\$300
<u></u>	·	· · · · · · · · · · · · · · · · · · ·			NPC wellhead	\$1,500
	······································			R. M. M. MINIMUM PROPERTY AND ADDRESS OF ADDR	Benco - anchors	\$1,200
					Admin. Overhead	\$3,000
					NPC Superviso	r \$300
Max TP:	Max Rate:	Total f	luid pmpd:			
Avg TP:	Avg Rate:	Total F	rop pmpd:			
ISIP:	5 min:	10 min:		FG:	DAILY COST:	\$391,559
Completio	n Supervisor: <u>C</u>	orson Barney	/		TOTAL WELL COST	\$391,559

ALIACHMENT G-1

20512

SICP:

SITP:

46



DAILY COMPLETION REPORT

WELL M	NAME:	F	Shley Federal 1	0-22-9-15 F	Report Date:	3-	Jun-06		Day: 2a
Оре	eration:		Completion				Rig:	Rigless	
	· · · · · · · · · · · · · · · · · · ·			WELL S	STATUS	-			······································
Surf Csg:	8-5/8	@	319'	Prod Csg:	5-1/2"	@	6064'	Csg PBTD:	5971'WL
Tbg:	Size:		Wt:	Grd:	Pkr/EC	ОТ @:]		BP/Sand PBTD:	
				PERFORATI	ON RECORI	2			
Zone			Perfs	SPF/#shots	Zo	ne		Perfs	SPF/#shots
					CP3 s	ds	5628-	5636'	4/32
					600-00-00-00-00-00-00-00-00-00-00-00-00-				*****
									
				CHRONOLOGIC	AL OPERAT	IONS			

Date Work Performed:

02-Jun-06

Day2a. RU BJ Services "Ram Head" frac flange. RU BJ & frac CP sds, stage #1 down casing w/ 24,469#'s of 20/40 sand ir 350 bbls of Lightning 17 frac fluid. Open well w/ 46 psi on casing. Perfs broke down @ 3331 psi, back to 2150 psi Treated @ ave pressure of 2208 w/ ave rate of 25 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2005. 492 bbls EWTR. Leave pressure on well. **See day2b.**

		FL	UID RECO	VERY (BBL	<u>S)</u>		
Starting fluid load	to be recovered	:142	Starti	ng oil rec to d	late:		-
Fluid lost/recovered		350	Oil los	st/recovered t	oday:		
Ending fluid to be		492	Cum o	oil recovered:			
JFL:	FFL:	FTP:	Choke:		Final	Fluid Rate:	Final oil cut:
	STIMULA	TION DETAIL				COST	<u>s</u>
Base Fluid used:	Lightning 17	Job Type: _	San	d frac		Weatherford Services	\$975
Company:E	BJ Services					NPC frac water	\$490
Procedure or Equi	pment detail:	CP3 sds do	wn casing			NPC fuel gas	\$88
	-	-				BJ Services CP3 sds	\$20,769
2940 gals of	f pad					NPC Supervisor	\$40
1915 gals w	/ 1-4 ppg of 20/4	40 sand	•				
4175 gals w	/ 4-6.5 ppg of 20	0/40 sand					
504 gals of	15% HCL acid						
Flush w/ 510	66 gals of slick v	vater					
Flush calle	ed @ blender to i	nclude 2 bbis p	oump/line v	olume			
Max TP: 2385	Max Rate:	25.1 Total fl	uid pmpd:	350 bbls			
Avg TP: 2208	Avg Rate:	25 Total P	rop pmpd:	24,469#'s			
ISIP: 2005	5 min:	10 min:		FG: <u>.79</u>		DAILY COST:	\$22,362
Completion S	upervisor:	Ron Shuck				TOTAL WELL COST:	\$413,921

2.27



DAILY COMPLETION REPORT	

-	- C	19
3	of	10

WELL NAME:		Ashley Federal 10-22-9-15		<u>0-22-9-15 </u>	Report Date: 3-Jui		lun-06		Day: 2b	<u>)</u>
Оре	ration:		Completion				Rig:	Rigless		
·	<u>_</u>			WELL	STATUS					
Surf Csg:	8-5/8	@	319'	Prod Csg:	5-1/2"	@	6064'	Csg PBTD:	5971'WL	-
Tbg:	Size:		Wt:	Grd:	Pkr/EC	от @: _		BP/Sand PBTD:	5550'	
						-				
Zone			Perfs	SPF/#shots	Zoi			Perfs	SPF/#sho	<u>ts</u>
<u></u>			<u> </u>		LODC		5442-		4/52	
					CP3 s	ds	5628-	5636	4/32	
······································			**************************************	1211-12 ¹¹⁰ -1112-1112-1112-111-11-11-11-11-11-11-11	La alanan ana ara-		······································			
		<u></u> .								—
							<u></u>		n	
	<u></u>									_
				CHRONOLOGIC	AL OPERAT	IONS				
Date Work	Date Work Perform		l: <u>02-</u> Jur	-06			SITP:	SICP:	1622	

Day2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 13' per gun. Set plug @ 5550'. Perforate LODC sds @ 5442-5455' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 spf for total of 52 shots. RU BJ & frac stage #2 w/ 35,010#'s of 20/40 sand in 396 bbls of Lightning 17 frac fluid. Open well w. 1622 psi on casing. Perfs broke down @ 3060 psi, back to 1600 psi. Treated @ ave pressure of 1873 w/ ave rate or 25.1 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1920. 888 bbls EWTR Leave pressure on well. See day2c.

		<u>FL</u>	UID RECC	VERY (BBL	<u>S)</u>		100	
Starting fluid load	d to be recovere	d: 492		ng oil rec to d			_	
Fluid lost/recover	-	396	Oil lo:	st/recovered t	oday:			
Ending fluid to be	e recovered:	888	Cum	oil recovered:			_	
IFL:	_ FFL:	FTP:	Choke:		Fina	Fluid Rate:	Final oil cut:	
	STIMUL	ATION DETAIL				COST	S	
Base Fluid used:	Lightning 17	Job Type:	San	d frac		Weatherford Services	\$2	2,200
Company:	BJ Services					NPC frac water	·	\$673
Procedure or Equ	ipment detail:	LODC sds d	own casin	g		NPC fuel gas	<u> </u>	<u>\$121</u>
• •						BJ Services LODCsds	\$14	4,410
3318 gals (of pad	•				NPC Supervisor	-	\$40
2431 gals v	w/ 1-4 ppg of 20	/40 sand				Lone Wolf LODC sds	\$3	3,355
5465 gals v	w/ 4-6.5 ppg of 2	20/40 sand						
504 gals of	15% HCL acid							
Flush w/ 49	914 gals of slick	water						
Flush call	ed @ blender to	include 2 bbls p	ump/line v	olume				<u> </u>
Max TP: 2083	Max Rate:	25.3 Total fle	uid pmpd:	396 bbis				
Avg TP: 1873	Avg Rate:	25.1 Total P	rop pmpd:	35,010#'s				
ISIP: 1920	5 min:	10 min:		FG: <u>.79</u>		DAILY COST:	\$20	,799
Completion S	Supervisor:	Ron Shuck				TOTAL WELL COST:	\$434	1,720

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			-42 ¹ ² 4		LETION REI	PURI			an Co
WELL N	AME:	A	Ashley Federal 1	0-22-9-15	Report Date:	:	Jun-06		Day: <u>2c</u>
Oper	ration:		Completion				Rig:	Rigless	
			<u> </u>	WELL	STATUS				
Surf Csg:	8-5/8	@	319'	Prod Csg	: 5-1/2"	@	6064'	Csg PBTD	: 5971'WL
Tbg:	Size:	-	Wt:	Grd:	Pkr/E	от @: ¯		BP/Sand PBTD	: 5250'
-	•						plug 5550'		<u></u>
				PERFORA	TION RECOR	D	-		
Zone			Perfs	SPF/#shots	<u>Z</u> c	one		<u>Perfs</u>	SPF/#shots
				,	LOD	C sds	5442-	5455'	4/52
					CP3	sds	5628-	5636'	4/32
		<u>i</u>				<u>.</u>			
							1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	······································	
LODC sds	 	5136	6-5144'	4/32	<u> </u>		·····		<u></u>
				CHRONOLOGI	CAL OPERAT	TIONS	,		
Date Work	Perfo	rmed	d: 02-Ju	n-06			SITP:	SICP	: 1565

Day2c. RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 5250'. Perforate LODC sds @ 5136-5144' w/ 4 spf for total o 32 shots. RU BJ & frac stage #3 w/ 19,529#'s of 20/40 sand in 295 bbls of Lightning 17 frac fluid. Open well w/ 156t psi on casing. Perfs broke down @ 4174 psi, back to 2000 psi. Treated @ ave pressure of 2357 w/ ave rate of 27.5 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2450. 1183 bbls EWTR Leave pressure on well. See day2d.

······	<u>FL</u>	UID RECO	VERY (BBLS	3)		
Starting fluid load to be recovered	d:888	Startin	g oil rec to da	ate:		
Fluid lost/recovered today:	295		t/recovered to	-	· · · · · · · · · · · · · · · · · · ·	·
Ending fluid to be recovered:	1183	183 Cum oil recovered:				_
IFL: FFL:	FTP:	Choke: _		Fina	I Fluid Rate:	Final oil cut:
STIMUL	ATION DETAIL				COST	ĩs
Base Fluid used: Lightning 1	7 Job Type:	Sand	frac		Weatherford Services	s \$2,200
Company: BJ Services					NPC frac wate	r \$367
Procedure or Equipment detail:	LODC sds d	lown casing			NPC fuel gas	<u>\$66</u>
					BJ Services LODCsds	s \$10,837
2520 gals of pad					NPC Superviso	<u>r \$40</u>
1511 gals w/ 1-4 ppg of 20	/40 sand				Lone Wolf LODC sds	s \$3,355
3193 gals w/ 4-6.5 ppg of	20/40 sand					
504 gals of 15% HCL acid						
Flush w/ 4662 gals of slick	water					·····
Flush called @ blender to	include 2 bbls p	ump/line vo	lume			
Max TP: 2569 Max Rate:		uid pmpd: _	295 bbls			
Avg TP: 2357 Avg Rate:	27.9 Total P	rop pmpd: _	19,529#'s			
ISIP: 2450 5 min:	10 min:		FG: <u>.91</u>		DAILY COST:	\$16,865
Completion Supervisor:	Ron Shuck				TOTAL WELL COST	\$451,585

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				DAILY COMPLETION REPORT					: San			
WELL N	AME:	A	shley Federal 1	<u>10-22-9-15</u> Rep		eport Date:	port Date: <u>3-Jun-</u>		06			Day: 2d
Oper	ration:		Completion		-				Rig:		Rigless	
				V	VELL S	TATUS						
Surf Csg:	8-5/8'	@	319'	Pro	d Csg:	5-1/2"	@	60	64'		Csg PBTD:	5971'WL
Tbg:	Size:	-	Wt:	Grd:	-	Pkr/EC)T @: [`]			BP/S	Sand PBTD:	5100'
-								plug	5550'	5250'		
				PERF	ORATI	ON RECORD)					
Zone			<u>Perfs</u>	SPF/#shots	2	Zor	<u>ne</u>			<u>Perfs</u>		SPF/#shots
						LODC	sds		5442-	5455'		4/52
					-	CP3 s	ds		5628-	5636		4/32
	•					1						
A1 sds	- 7	5036	-5052'	4/64	-							· · · · · · · · · · · · · · · · ·
LODC sds			-5144'	4/32	-							
			<u></u>	CHRONO	OGIC	AL OPERATI	ONS					
Date Work	Perfor	mec	l: <u>02-Ju</u> i	1-06					SITP:		SICP:	1935

Day2d. RU WLT. RIH w/ frac plug & 16' perf gun. Set plug @ 5100'. Perforate A1 sds @ 5036-5052' w/ 4 spf for total of 64 shots. RU BJ & frac stage #4 w/ 70,458#'s of 20/40 sand in 549 bbls of Lightning 17 frac fluid. Open well w/ 1935 ps on casing. Perfs broke down @ 2667 psi, back to 2100 psi. Treated @ ave pressure of 2482 w/ ave rate of 28.6 bprr w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2680. 1732 bbls EWTR. Leave pressure on well. See day2e.

		F	LUID RECO	VERY (BBLS	5)		
Starting fluid loa	d to be recovered	: 1183	Starti	ng oil rec to da	ate:		
Fluid lost/recove	red today:	549	Oil los	st/recovered to	oday:		-
Ending fluid to b	e recovered:	1732	Cum	oil recovered:			_
IFL:	FFL:	FTP:	Choke:		Final	Fluid Rate:	Final oil cut:
<u></u>	STIMULA	TION DETAI	<u>L</u>			COST	<u>s</u>
Base Fluid used:	Lightning 17	Job Type:	San	d frac	-	Weatherford Services	\$2,200
Company:	BJ Services					NPC frac water	\$1,346
Procedure or Eq	uipment detail:	A1 sds dov	wn casing			NPC fuel gas	\$242
	·					BJ Services A1sds	\$21,457
5418 gals	of pad					NPC Supervisor	\$40
3625 gals	w/ 1-5 ppg of 20/	40 sand			•	Lone Wolf A1 sds	\$3,355
7250 gals	w/ 5-8 ppg of 20/	40 sand			-		
1725 gals	w/ 8 ppg of 20/40) sand					
504 gals o	f 15% HCL acid		·······		-		
Flush w/ 4	536 gals of slick	water	·				
Flush cal	led @ blender to	include 2 bbls	pump/line v	olume	-		
Max TP: 2776	Max Rate:	32.2 Total	fluid pmpd:	549 bbls			
Avg TP: 2482	Avg Rate:	28.6 Total	Prop pmpd:	70,458#'s		_	
ISIP: 2680) 5 min:	10 min:		FG: <u>.97</u>	•	DAILY COST:	\$28,640
Completion	Supervisor:	Ron Shuck				TOTAL WELL COST:	\$480,225

NEWFIELD $\langle A | I \rangle$

ATTACHMENT G-1 60f12

Day: 2e

						le	0110
		DAILY COMP					
<u>A</u>	shley Federal	10-22-9-15	Report Date:	3-	<u>Jun-06</u>		Day: 2e
	Completion				Rig:	Rigless	
		WELL	STATUS		·	<u></u>	
@	319'	Prod Csg	r: 5-1/2 "	0	6064'	Csg PBTD:	5971'WL
	Wt:	Grd:	Pkr/E	ОТ @:		BP/Sand PBTD:	4890'
		· · · · · · · · · · · · · · · · · · ·		•	alus CEEOI	EAEAL #4001	

Tbg:	Size:		Wt:	Grd:	Pkr/EOT @:			BP/Sand PBT	D:	4890'
	-					plug	5550'	5250' 5100'		
				PERFC	DRATION RECORD					
Zone		Perfs		SPF/#shots	Zone			<u>Perfs</u>	S	PF/#shots
					LODC sds		5442	-5455'	4	/52
					CP3 sds	-	5628-	- 5636'	4	/32
C sds		4779-4788'		4/36		-		·····		****
A1 sds		5036-5052'		4/64		-				
LODC sds		5136-5144'		4/32		-				
				CHRONOL	OGICAL OPERATIONS					
Date Work	(Perfo	rmed:	02-Jun-	06			SITP:	SIC	P:	1583

Day2e.

RU WLT. RIH w/ frac plug & 9' perf gun. Set plug @ 4890'. Perforate C sds @ 4779-4788' w/ 4 spf for total of 36 shots. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #5 w. 39,615#'s of 20/40 sand in 428 bbls of Lightning 17 frac fluid. Open well w/ 1583 psi on casing. Perfs broke down @ 3552 psi, back to 1885 psi. Treated @ ave pressure of 2246 w/ ave rate of 25.1 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2160. 2160 bbls EWTR. Leave pressure on well. See day2f.

<u></u>		FL	UID RECO	VERY (BBLS	5)		
Starting fluid loa	d to be recovered:	1732	Startir	ng oil rec to da	nte:		-
Fluid lost/recove	red today:	428	Oil los	st/recovered to	oday:		-
Ending fluid to b	e recovered:	2160	Cum c	oil recovered:			-
IFL:	FFL:	FTP:	Choke:		Final	Fluid Rate:	Final oil cut:
	STIMULA	TION DETAIL				COST	<u>S</u>
Base Fluid used:	Lightning 17	Job Type:	Sanc	l frac		Weatherford Services	\$2,200
Company:	BJ Services					NPC frac water	\$734
Procedure or Equ	uipment detail:	C sds_down	casing		-	NPC fuel gas	\$132
					-	BJ Services C sds	\$24,297
3906 gals	of pad					NPC Supervisor	\$40
2856 gals	w/ 1-4 ppg of 20/4	10 sand				Lone Wolf C sds	\$3,355
5640 gals	w/ 4-6.5 ppg of 20)/40 sand					
786 gals w	// 6.5 ppg of 20/40) sand					·
504 gals o	f 15% HCL acid				_		
Flush w/ 4	284 gals of slick v	vater			-		
Flush cal	led @ blender to i	nclude 2 bbls p	ump/line vo	olume	_		
Max TP: 2433	Max Rate: 2	5.2 Total flu	uid pmpd:	428 bbls			
Avg TP: 2246	Avg Rate: 2	5.1 Total P	rop pmpd:	39,615#'s			
ISIP: 2160) 5 min:	10 min:		FG: <u>.89</u>	-	DAILY COST:	\$30,758
Completion	Supervisor:	Ron Shuck				TOTAL WELL COST:	\$510,983

201

WELL NAME: **Operation:**

8-5/8

Surf Csg:



ALIAUMMENI 51 70f12

				DAILY COMPI	ETION RE	PORT			
WELL N	AME:	A	shley Federal 1	0-22-9-15	Report Date:	:3-	Jun-06		Day: <u>2f</u>
Oper	ration:		Completion				Rig:	Rigless	
				WELL	STATUS	•			
Surf Csg:	8-5/8	@	319'	Prod Csg	: 5-1/2"	0	6064'	Csg PBTD	5971'WL
Tbg:	Size:	-	Wt:	Grd:	Pkr/E	OT @:		BP/Sand PBTD	: 4720'
-	-						plug 5550'	5250' 5100' 4890)'
				PERFORAT	ION RECOR	<u>ND</u>	-		
Zone			Perfs	SPF/#shots	Z	one		Perfs	SPF/#shots
					LOD	C sds	5442-	-5455'	4/52
			and a second	and the second se	CP3	sds	5628-	- 5636'	4/32
D1 sds		4634	-4646'	4/48					<u></u>
C sds		4779	-4788'	4/36					
A1 sds		5036	-5052'	4/64					
LODC sds		5136	-5144'	4/32				····	<u></u>
	<u></u>			CHRONOLOGI	CAL OPERA	TIONS			······································
Date Work	Perfo	rmed	: 02-Ju				SITP:	SICP	1580

Day2f. RU WLT. RIH w/ frac plug & 12' perf gun. Set plug @ 4720'. Perforate D1 sds @ 4634-46' w/ 4 spf for total of 48 shots. RU BJ & frac stage #6 w/ 49,707#'s of 20/40 sand in 420 bbls of Lightning 17 frac fluid. Open well w/ 1580 ps on casing. Perfs broke down @ 2282 psi, back to 1460 psi. Treated @ ave pressure of 1974 w/ ave rate of 25 bpm w. 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2190. 2580 bbls EWTR. Leave pressure on well. **See day2g.**

		FLU	ID RECC	VERY (BBLS	<u></u>	NA 442
Starting fluid load to	be recovered:	2160	Starti	ng oil rec to da	ate:	
Fluid lost/recovered	today:	420	Oil los	st/recovered to		
Ending fluid to be real	covered:	2580	Cum	oil recovered:		
IFL: FI	=L:	_ FTP:	Choke:		Final Fluid Rate:	Final oil cut:
	STIMULA	TION DETAIL			CO	<u>STS</u>
Base Fluid used:	ightning 17	Job Type:	San	d frac	Weatherford Servic	es \$2,200
Company: BJ	Services	_			NPC frac wa	ter \$918
Procedure or Equipm	nent detail:	D1 sds down	casing		NPC fuel g	jas \$165
	·		<u></u>		BJ Services D1 s	sds \$6,849
3822 gals of p	ad				NPC Supervis	sor \$40
2625 gals w/ 1	-5 ppg of 20/4	0 sand			Lone Wolf D1 s	sds \$3,355
5250 gals w/ 5	-8 ppg of 20/4	0 sand			·	
1281 gals w/ 8	ppg of 20/40	sand				
504 gals of 15	% HCL acid				·	
Flush w/ 4158	gals of slick w	ater				
Flush called (@ blender to in	nclude 2 bbls pu	mp/line v	olume		
Max TP: 2206 M	ax Rate:	25 Total flu	id pmpd:	420 bbls		
Avg TP: 1974 Av	vg Rate:	25 Total Pro	op pmpd:	49,707#'s		
ISIP: 2190	5 min:	10 min:	<u></u>	FG: <u>.91</u>	DAILY COST:	\$13,527
Completion Sup	ervisor:	Ron Shuck			TOTAL WELL COS	ST: \$524,510

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			and the second second second	DAILY COM	PLETION RE	PORT	-			an tasat <u>a</u>
WELL N	AME:	A	shley Federal 1	0-22-9-15 Report D		Date: <u>3-Jun-06</u>		-		Day: 2g
Oper	ration:		Completion				Rig:	Rig	ess	
				WEL	L STATUS					
Surf Csg:	8-5/8	@	319'	Prod Cs	g: 5-1/2"	@	6064'	Csg F	BTD:	5971'WL
Tbg:	Size:		Wt:	Grd:	Pkr/	EOT @:		BP/Sand F	'BTD:	4600'
	-						plug 5550'	5250' 5100'	4890'	4720'
				PERFOR/	ATION RECO	RD				
Zone			<u>Perfs</u>	SPF/#shots	<u>Z</u>	<u>one</u>		Perfs		SPF/#shots
					LOD)C sds	5442	-5455'		4/52
DS3 sds		4533	-4548'	4/60	CP3	sds	5628	- 5636'		4/32
D1 sds	- 7	4634	-4646'	4/48						
C sds		4779	-4788'	4/36			.			
A1 sds		5036	-5052'	4/64					•	
LODC sds		5136	-5144'	4/32						
<u></u>				CHRONOLOG	ICAL OPERA	TIONS		······		
Date Work	Perfor	med	l: 02-Jur	1-06			SITP:	5	SICP:	1460

Day2g. RU WLT. RIH w/ frac plug & 15' perf gun. Set plug @ 4600'. Perforate DS3 sds @ 4533-48' w/ 4 spf for total of 60 shots. RU BJ & frac stage #7 w/ 65,332#'s of 20/40 sand in 496 bbls of Lightning 17 frac fluid. Open well w/ 1460 ps on casing. Perfs broke down @ 2765 psi, back to 1460 psi. Treated @ ave pressure of 2054 w/ ave rate of 25 bpm w. 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2310. 3076 bbls EWTR. Leave pressure on well. See day2h.

		<u>FL</u>	UID RECO	VERY (BBL	<u>S)</u>		
Starting fluid loa	d to be recovered:	2580	Starti	ng oil rec to d	ate:		
Fluid lost/recove	red today:	496	Oil los	st/recovered t	oday:	· · · · · · · · · · · · · · · · · · ·	-
Ending fluid to b	e recovered:	3076	Cum c	oil recovered:		, , , , , , , , , , , , , , , , , , ,	-
IFL:	FFL:	FTP:	<u> </u>		Final	Fluid Rate:	Final oil cut:
	STIMULA	TION DETAIL			_	COST	<u>S</u>
Base Fluid used:	Lightning 17	Job Type:	Sand	d frac		Weatherford Services	\$2,200
Company:	BJ Services					NPC frac water	\$1,224
Procedure or Eq	uipment detail:	DS3 sds dov	vn casing			NPC fuel gas	\$220
	·····					BJ Services DS3 sds	\$10,315
4998 gals	of pad					NPC Supervisor	\$40
3319 gals	w/ 1-5 ppg of 20/4	0 sand				Lone Wolf DS3 sds	\$3,355
6622 gals	w/ 5-8 ppg of 20/4	0 sand					
1399 gals	w/ 8 ppg of 20/40	sand					
504 gals o	f 15% HCL acid						
Flush w/ 3	990 gals of slick w	/ater					
Flush cal	led @ blender to ir	nclude 2 bbls p	ump/line v	olume			
Max TP: 2297	Max Rate: 2	5.2 Total flu	uid pmpd:	496 bbls			
Avg TP: 2054	Avg Rate:	25 Total Pi	rop pmpd:	65,332#'s			
ISIP: 2054	1 5 min:	10 min:		FG: <u>.94</u>	-	DAILY COST:	\$17,354
Completion	Supervisor:	Ron Shuck				TOTAL WELL COST:	\$541,864



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Ni Kaž		· · .		DAILY COM	PLETION REP	ORT	Č.s		•		
WELL N	AME:	A	shley Federal 1	0-22-9-15	Report Date:	3-	Jun-06			Day: 21	<u>۱</u>
Oper	ation:		Completion				Rig:	Rig	less	<u> </u>	
				WEL	L STATUS	·					
Surf Csg:	8-5/8'	@	319'	Prod Cs	g: 5-1/2"	0	6064'	Csg	PBTD:	5971 WI	
Tbg:	Size:		Wt:	Grd:	Pkr/E	от @:	· · · · · · · · · · · · · · · · · · ·	BP/Sand	PBTD:	4090'	
	-					-	plug 5550'	5250' 5100'	4890'	4720'460	10'
				PERFOR/	ATION RECOR	<u>D</u>					
<u>Zone</u>			Perfs	SPF/#shots	Zo	ne		<u>Perfs</u>		SPF/#sho	ts
GB2 sds		3982-	-3988'	4/24	LODO	sds	5442	-5455'	_	4/52	-
DS3 sds		4533-	-4548'	4/60	CP3 s	ds	5628-	- 5636'	-	4/32	
D1 sds		4634-	-4646'	4/48					_		
C sds		4779-	-4788'	4/36					_		
A1 sds		5036-	-5052'	4/64					_		
LODC sds		5136-	-5144'	4/32					-		
			<u></u>	CHRONOLOG	ICAL OPERAT	IONS					_
Date Work	Perfor	med	: <u>02-Jur</u>	-06			SITP:	1907	SICP:	1580	

Day2h. RU WLT. RIH w/ frac plug & 6' perf gun. Set plug @ 4090'. Perforate GB2 sds @ 3982-88' w/ 4 spf for total of 24 shots. RU BJ & frac stage #8 w/ 19,757#'s of 20/40 sand in 266 bbls of Lightning 17 frac fluid. Open well w/ 1580 ps on casing. Perfs broke down @ 2483 psi, back to 1685 psi. Treated @ ave pressure of 1478 w/ ave rate of 14.5 bpr w/ 6.5 ppg of sand. ISIP was 1380. 3342 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & diec w/ 290 bbls rec'd. SIFN.

				FLUID RECO	VERY (BBLS)			
Starting	g fluid load	to be recovere	d: <u>3342</u>	Startir	ng oil rec to da	ite:		_	
Fluid lo	<u>ost</u> /recover	ed today:	290	Oil los	t/recovered to	oday: _		_	
Ending	, fluid to be	recovered:	3052	Cum c	oil recovered:			_	
IFL: _		FFL:	FTP:	<u> </u>		Final	Fluid Rate:	Final oil cut:	
		STIMUL	ATION DET	AIL			COST	<u>S</u>	
Base F	luid used:	Lightning 1	7Job Typ	e: Sanc	l frac	_	Weatherford Services	\$2,20	00
Compa	ny:	BJ Services				-	NPC frac water	\$1,22	24
Proced	lure or Equi	ipment detail:	DS3 sds	down casing			NPC fuel gas	\$22	20
					······································		BJ Services DS3 sds	\$10,31	15
2	2520 gals o	f pad				_	NPC Supervisor	\$4	40
_1	1511 gals v	v/ 1-4 ppg of 20)/40 sand			_	Lone Wolf DS3 sds	\$3,35	55
3	3235 gals v	// 4-6.5 ppg of 2	20/40 sand		_	_	NPC watr transfer	\$60	00
F	Flush w/ 39	06 gals of slick	water				NPC flow back hand	\$24	40
						-			
						-	· · · · ·		
Max	c TP: 1567	Max Rate:	14.6 Tot	al fluid pmpd:	266 bbls		······································		
Avg	J TP: 1478	Avg Rate:	14.5 Tot	al Prop pmpd:	19,757#'s				
i	ISIP: 1380	5 min:	10 mi	n:	FG: <u>.78</u>	-	DAILY COST:	\$18,19) 4
Cor	npletion S	upervisor:	Ron Shu	ck			TOTAL WELL COST:	\$560,05	58

ATTACHMENT 5-1 10 of 12

SICP:

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SITP:

DAILY COMPLETION REPORT Ashley Federal 10-22-9-15 Report Date: June 6, 2006 Day: 03 WELL NAME: Rig: NC #1 **Operation:** Completion WELL STATUS Prod Csg: Csg PBTD: 5971'WL 5-1/2" 6064' Surf Csg: 8-5/8 319' @ Ø, 2 7/8" **BP/Sand PBTD:** Wt: 6.5# Pkr/EOT @: 4053' 4090' Tbg: Size: Grd: J-55 plug 5550' 5250' 5100' 4890' 4720' 4600' PERFORATION RECORD SPF/#shots Zone Perfs SPF/#shots Zone Perfs 4/24 LODC sds 5442-5455' 4/52 GB2 sds 3982-3988 4/60 CP3 sds 5628-5636 4/32 DS3 sds 4533-4548 D1 sds 4634-4646 4/48 4779-4788 C sds 4/36 A1 sds 5036-5052 4/64 5136-5144' LODC sds 4/32 CHRONOLOGICAL OPERATIONS

Date Work Performed:

June 5, 2006

MIRU NC #1. Bleed pressure off well. Rec est 20 BTF. ND Cameron BOP & 5M frac head. Install 3M productior tbg head & NU Weatherford Scaheffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub 8 new 2 7/8 8rd 6.5# J-55 tbg. Tag plug @ 4090'. Tbg displaced 10 BW on TIH. RU power swivel. Start drilling or plug---swivel failure (hose & torqu control). RD & rack out swivel. TOH W/ 2 jts tbg. EOT @ 4053'. SIFN W/ est 3022 BWTR.

		FL	UID RECOVERY (BI	BLS)	
Starting fluid lo	bad to be recovered:	3052	Starting oil rec t	o date:	
Fluid lost/recov	<u>vered</u> today:	30	Oil lost/recovere	ed today:	
Ending fluid to	be recovered:	3022	Cum oil recover		الدرن بري المتحدين
IFL:	FFL:	_ FTP:	Choke:	Final Fluid Rate:	Final oil cut:
<u></u>	STIMULAT	FION DETAIL	<u> </u>	<u>C</u>	OSTS
Base Fluid use	d:	Job Type:		NC #	#1 rig \$4,424
Company:				Weatherford	BOP \$140
Procedure or E	quipment detail:			NPC tru	cking \$300
				NDSI tru	cking \$1,000
		·····		NDSI wtr &	truck\$400
				Unichem chem	nicals \$300
				B & L - new J5	5 tbg \$28,837
			· · · · · · · · · · · · · · · · · · ·	Weatherford s	wivel\$750
_				NPC sfc equip	ment \$130,000
_				R & T labor/we	lding \$19,500
				Mt. West sanit	ation \$600
Max TP:	Max Rate:	Total flu	uid pmpd:	Monks pit re	claim \$1,800
Avg TP:	Avg Rate:	Total P	rop pmpd:	NPC superv	vision \$300
ISIP:	5 min:	10 min:	FG:	DAILY COST:	\$188,351
Completio	n Supervisor:	Gary Dietz		TOTAL WELL C	OST: \$748,409



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					DA	ILY CO	MPLET	ION REP	ORT					
WELL N	AME:	A	shley F	ederal	10-22-9	9-15	Rep	ort Date:	June	7, 2006			Day: 04	<u> </u>
Oper	ation:		Comp	letion						Rig:	1	NC #1		
						W	ELL STA	ATUS						
Surf Csg:	8-5/8	0	319) '		Prod	Csg:	5-1/2"	@	6064'	Cs	PBTD:	6018'	
Tbg:	Size:	27	7/8"	Wt:	6.5#	Grd:	J-55	Pk <u>r/E</u>	<u>סד @:</u>	5887'	BP/San	d PBTD:	6018'	
							RATION	RECOR			_			
<u>Zone</u>			Perfs		<u>SPF</u>	/#shots		Zo	ne		<u>Perfs</u>		SPF/#sho	<u>ts</u>
GB2 sds		3982-	-3988'		4/2	4		LODC	sds	5442-	5455'		4/52	
DS3 sds		4533 <i>-</i>	-4548'		4/6)		CP3 s	ids	5628-	5636'		4/32	
D1 sds		4634-	4646'		4/4	3								
C sds	· -	4779-	4788'		4/3	5								
A1 sds	• -	5036-	-5052'		4/6	4								
LODC sds		5136-	-5144'	· · · · · · · · · · · · · · · · · · ·	4/3	2								
					CH	RONOL	OGICAL	OPERAT	IONS				······································	
Date Work	Perfo	rmed	: _	June	6, 2006					SITP:	25	_SICP:	25	

Bleed pressure off well. Rec est 5 BTF. TiH W/ bit & tbg f/ 4053'. Tag plug @ 4090'. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): no sd, plug @ 4090' in 15 minutes; no sd plug @ 4600' in 19 minutes; sd @ 4715', plug @ 4720' in 21 minutes; no sd, plug @ 4890' in 19 minutes; no sd, plug @ 5100' in 22 minutes; no sd, plug @ 5250' in 25 minutes; no sd, plug @ 5550' in 17 minutes. Con't swivelling jts ir hole. Tag fill @ 5879'. Drill plug remains & sd to PBTD @ 6018'. Circ hole clean. Lost est 100 BW during cleanout RD swivel. Pull EOT to 5887'. RU Swab equipment. IFL @ sfc. Made 15 swb runs rec 246 BTF W/ light gas, tr oil 8 very sm tr sd @ end. FFL @ 2200'. SIFN W/ est 2871 BWTR.

		FLUID R	ECOVERY (BBLS	5]	
Starting fluid	load to be recovered	: <u>3022</u> S	starting oil rec to da	ate:	
Fluid lost/rec	overed today:	<u>151</u> C)il lost/recovered to	oday:	
-	to be recovered:	<u>2871</u> C	Cum oil recovered:	Martin 17	
IFL: <u>sfo</u>	FFL: 2200'	FTP: <u></u> h	oke:	Final Fluid Rate:	Final oil cut: tr
	STIMULA	TION DETAIL		<u><u>C</u></u>	<u>OSTS</u>
Base Fluid us	sed:	Job Type:		NC #	<u>1 rig</u> \$5,174
Company:				Weatherford	BOP \$140
Procedure or	· Equipment detail:			RBS sv	wivel \$750
	······			NDSI wtr disp	osal \$3,000
				NPC location clea	anup \$300
••••					ITA \$525
			-	CD	I SN \$80
				NPC superv	ision \$300
Max TP:	Max Rate:	Total fluid pr	npd:		
Avg TP:	Avg Rate:	Total Prop pn	-	4	
ISIP:	5 min:	10 min:	FG:	DAILY COST:	\$10,269
Completi	on Supervisor:	Gary Dietz		TOTAL WELL CO	ST: \$758,678



WELL N	AME:	A	Ashley	Federal	10-22-9)-15	Rej	port Date	: <u>Jun</u>	e 8, 2006	-		Day: 05
Oper	ation:		Com	oletion						Rig:	N	IC #1	
						W	ELL ST	ATUS					
Surf Csg:	8-5/8'	@	31	9'		Prod	Csg:	5-1/2"	0	6064'	Csg	PBTD:	6018'
Tbg:	Size:	2	7/8"	Wt:	6.5#	Grd: _	J-55	Anc	hor @:	5609'	BP/Sanc	I PBTD:	6018'
						PERFO	RATIO	N RECOI	RD				
Zone			Perfs		SPF	/#shots		Z	one		Perfs		SPF/#shots
GB2 sds		3982	2-3988'		4/24	<u>ــــــــــــــــــــــــــــــــــــ</u>		LOD	C sds	5442·	-5455'		4/52
DS3 sds		4533	3-4548'		4/60)		CP3	sds	5628	- 5636'		4/32
D1 sds		4634	-4646'		4/48	3							
C sds	• •	4779	-4788'		4/36	5							
A1 sds		5036	6-5052'		4/64	<u>ا</u>						_	
LODC sds		5136	6-5144'		4/32	2							
					<u>C</u> HI	RONOL	OGICAL	OPERA	TIONS				
Date Work	Perfo	rmea	:	June	7, 2006					SITP:		SICP:	

Bleed gas off well. TIH W/ tbg. Tag sd @ 6010' (8' new fill). C/O sd to PBTD @ 6018'. Circ hole clean. Lost est 101 BW & rec tr oil. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 177 jts 2 7/8 8rd 6.5/ J-55 tbg. ND BOP. Set TA @ 5609' W/ SN @ 5644' & EOT @ 5709'. Land tbg W/ 15,000# tension. NU wellhead. PU & TIH W/ pump and "B grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 14' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scrapered rods, 111-3/4" plain rods, 98-3/4 scrapered rods, 1-4' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 2973 BWTR. Place well on production @ 5:30 PM 6/7/2006 W/ 86" SL @ 5.5 SPM.

FINAL REPORT!!

******			FLUID RECOVERY (BBL	<u>S)</u>		
Starti	ing fluid load to be recovered:	287	1 Starting oil rec to d	ate:		
Fluid	lost/recovered today:	102	Oil lost/recovered t	oday:		
Endir	ng fluid to be recovered:	2973	Cum oil recovered:			
IFL:	FFL:	_ FTP: _	Choke:	Fina	Fluid Rate:	Final oil cut:
	TUBING DETAIL		ROD DETAIL		COST	<u>S</u>
					NC #1 rig	\$4,311
KB	12.00'		1/2" X 22' polished rod		Weatherford BOP	\$140
177	2 7/8 J-55 tbg (5597.45')	1	I-4' & 1-2' X 3/4" pony rods		NPC trucking	\$300
· .	TA (2.80' @ 5609.45' KB)		98-3/4" scrapered rods		Zubiate HO trk	\$650
1	2 7/8 J-55 tbg (31.70')	1	11-3/4" plain rods		CDI rod pump	\$1,400
	SN (1.10' @ 5643.95' KB)	1	10-3/4" scrapered rods		"B" grade rod string	\$10,901
2	2 7/8 J-55 tbg (63.15')		6-1 1/2" weight rods		NPC frac tks(9X5 dys)	\$1,800
	2 7/8 NC (.45')		CDI 2 1/2' X 1 1/2" X 14'		NPC swb tk (3 days)	\$120
EOŢ	5708.65' W/ 12' KB	_ <u>F</u>	RHAC pump W/ SM plunger		NPC frac head	\$500
					NPC supervision	\$300
		••• •••		•		
	• •				DAILY COST:	\$20,422
C	ompletion Supervisor:	Gary I	Dietz		TOTAL WELL COST:	\$779,100

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 3932'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	188' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 43 sx Class "G" cement down 5 1/2" casing to 370'

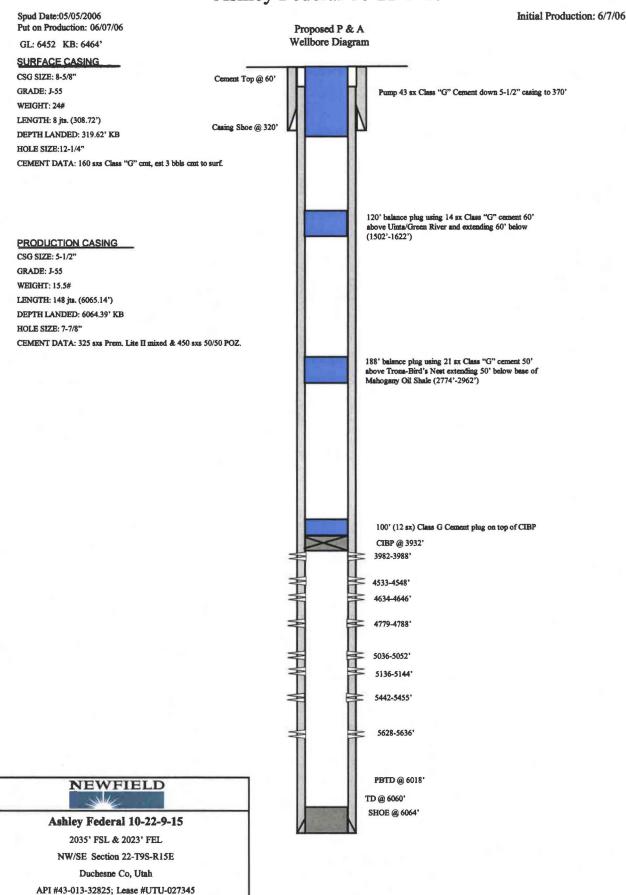
The approximate cost to plug and abandon this well is \$42,000.

.

Ashley Federal #10-22-9-15

ATTACHMENT H-1

Ashley Federal 10-22-9-15



SUBMIT IN TRIPLICATE - Other Instructions on page 2 7. If Unit or CA/Agreement, Name and/or I. Type of Well Gas Well Other I. Type of Well Gas Well Other Submit In TRIPLICATE - Other Instructions on page 2 7. If Unit or CA/Agreement, Name and/or GMBU Gas Well Other Submit In TRIPLICATE - Other 8. Well Name and No. Alter S Route 3 Box 3630 3b. Phone (include are code) Myton, UT 84052 435.646.3721 A. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2035 FSL 2035 FSL 0. Field and Pool, or Exploratory Area NWSE Section 22 T9S R15E DUCHESNE, UT 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Subsequent Report Acidize Atter Casing Fracture Treat Reclamation Well Integrity Subsequent Report Casing Repair Final Abandonment Change Plans	FORM 3160-5 (August 2007) SUNDR Do not use abandoned v	FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010 5. Lease Serial No. USA UTU-027345 6. If Indian, Allottee or Tribe Name.				
Oil Well Gas Well Other 8. Well Name and No. 2. Name of Operator ASHLEY FEDERAL 10-22-9-15 9. API Well No. 3a. Address Route 3 Box 3630 3b. Phone (include are code) 4301332825 Myton, UT 84052 435.646.3721 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) GREATER MB UNIT 2035 FSL 2035 FEL 10. Field and Pool, or Exploratory Area NWSE Section 22 T9S R15E DUCHESNE, UT 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Value of Intent Acidize Deepen Production (Start/Resume) Water Shut-Off Atter Casing Fracture Treat Reclamation Well Integrity Subsequent Report Casing Repair New Construction Recomplete Other		N TRIPLICATE - Other	Instructions on page 2		1	greement, Name and/or
3a. Address Route 3 Box 3630 3b. Phone (include are code) 4301332825 Myton, UT 84052 435.646.3721 10. Field and Pool, or Exploratory Area GREATER MB UNIT GREATER MB UNIT 2035 FSL 2035 FEL 11. County or Parish, State NWSE Section 22 T9S R15E DUCHESNE, UT 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Water Shut-Off Alter Casing Production (Start/Resume) Subsequent Report Casing Repair Change Plans Plug & Abandon	2. Name of Operator				ASHLEY FEDE	
NWSE Section 22 T9S R15E DUCHESNE, UT 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Acidize Deepen Alter Casing Fracture Treat Production (Start/Resume) Water Shut-Off Subsequent Report Casing Repair New Construction Reclamation Well Integrity Temporarily Abandon Plug & Abandon Temporarily Abandon	Myton, UT 84052 4. Location of Well <i>(Footage</i>)		435.646.3721	e code)	4301332825 10. Field and Pool GREATER MB	UNIT
TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity Subsequent Report Casing Repair New Construction Recomplete Other End Attendement Change Plans Plug & Abandon Temporarily Abandon Other	NWSE Section 22 T9S R15E				DUCHESNE, U	JT
Notice of Intent Alter Casing Fracture Treat Reclamation Well Integrity Subsequent Report Casing Repair New Construction Recomplete Other Change Plans Plug & Abandon Temporarily Abandon Temporarily Abandon		K APPROPRIATE BOX(I		<u> </u>	OTICE, OR OT	HER DATA
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the	Subsequent Report	 Alter Casing Casing Repair Change Plans Convert to Injector 	 Fracture Treat New Construction Plug & Abandon Plug Back 	 Reclamat Recompletion Temporat Water Distribution 	ion ete ily Abandon sposal	Well Integrity Other

of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and	Title	<u></u>						
correct (Printed/Typed) Jill Loyle	Regulatory Technician							
Signature () () Koul	Date							
	01/03/2012							
THIS SPACE FOR FEDERAL OR STATE OFFICE USE								
Approved by Date								
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.								
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction								
Justimustions on page 2)								

D	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE IVISION OF OIL, GAS, AND MIN		FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345
Do not use this form for	NOTICES AND REPORTS (proposals to drill new wells, significant ole depth, reenter plugged wells, or to c	ly deepen existing wells	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME:
Use APPLICATION FOR 1. TYPE OF WELL Water Injection Well	PERMIT TO DRILL form for such proposa	als.	GMBU (GRRV) 8. WELL NAME and NUMBER: Ashley Fed 10-22-9-15
2. NAME OF OPERATOR: Newfield Production Compar	ıy		9. API NUMBER: 43013328250000
3. ADDRESS OF OPERATO 4 Waterway Square Place, Su	DR: iite 100 , The Woodlands, TX, 77380	PHONE NUMBER: 435-646-4802	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
	:: DWNSHIP, RANGE, MERIDIAN: 2 Township: 9S Range: 15E Meridian: S		COUNTY: DUCHESNE STATE: UTAH
11. CHECK	APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE	, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	ON
 NOTICE OF INTENT Approximate date work will start: SUBSEQUENT REPORT Date of Work Completion: 7/18/2019 SPUD REPORT Date of Spud: DRILLING REPORT Report Date: DRILLING REPORT Report Date: DESCRIBE PROPOSE ON 07/16/2019 N concerning the 5 Yea pressured up to 104 well was injecting du 	ACIDIZE CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION O OR COMPLETED OPERATIONS. Clearly so Mark Reinbold with the State of Utal r MIT on the above listed well. On C 2 psig and charted for 15 minutes v Juring the test. The tubing pressure v a State representative available to v Reinbold.	h DOGM was contacted 07/18/2019 the casing with no pressure loss. was 1310 psig during	NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: MIT including dates, depths, volumes, etc. Mass Accepted by the The Utah Division of Oil, Gas and Mining
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUM 435 646-4874	BER TITLE Field Production Assist	ant
SIGNATURE N/A		DATE 7/23/2019	

Sundry Number: 97975 API Well Number: 43013328250000

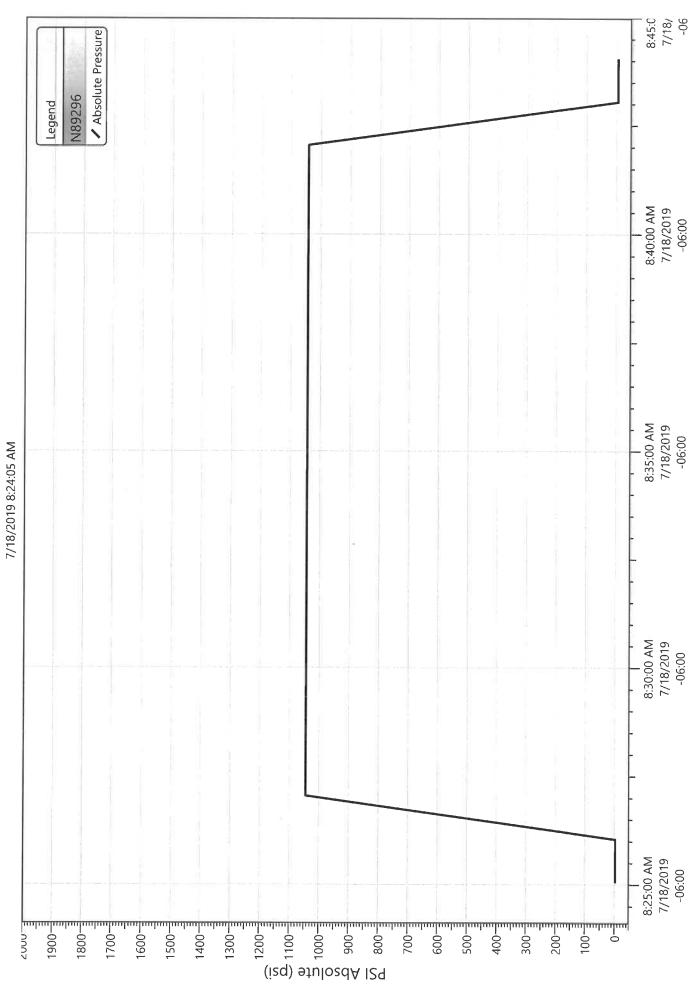
Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

Newfield Production Company 10530 South County Rd #33 Myton, UT 84052 435.646.3721

Test Conducted By: EVERC	RK Reinbold ETT UNRUH		Date: 7 - 18 - 3	<u>019</u> Time:_	<u> % : </u>
Others Present:					
Well Name: Ashley	FEDERAL 10-2	72-9-15			
Field: Monument B	ите		County: Duc	hesne	State: UT
Location: NWSE Sec:	22	TΥ	N /S	R 15	(B/W
Operator: Newfield			API# 43-013-	32875	
Last MIT: 8 / 21 / 2014		Maximur	n Allowable Pressu	ire: 1354	psig
Is this a regulary scheo Initial Test for Permit Test after well rework Well injection during t	? { ? {		{>>} No {>>} No	If Yes, rate:	bpd
Pre-test casing / tubing annu	ilus pressure:	-0	/	1312	_ psig
MIT DATA TABLE	Test #1	r	Гest #2		
TUBING	PRESSURE				
Initial Pressure	1312	psig		psig	
End of test pressure	1310	psig		psig	
CASING / TUBING	ANNULUS	I	PRESSURE		
0 minutes	1044.0	psig		psig	
5 minutes	1043.7	psig		psig	
10 minutes	1042.4	psig		psig	
15 minutes	1042.4	psig		psig	
20 minutes		psig		psig	
25 minutes		psig		psig	
30 minutes		psig		psig	
minutes		psig		psig	
minutes	<u> </u>	psig		psig	
RESULT {>>}	Pass {	} Fail	{ } Pass	{ } !	Fail
Does the annulus pressure build b Additional comments for mechani of test, reason for failing test (cas	cal integrity pressur	e test, such as	volume of fluid ac	✓} No Ided to annulus a	and bled back at end
Signature of Witness:	whit Ik	mont	χ		<u> </u>

.	ignature	U1	W 101022	 -
	0			

Signature of Person Conducting Test: Everet ilorul



Ashley Federal 10-22-9-15 (7/18/2019, 5 yr. MIT)

Division of Oil, Gas and Mining Operator Change/Name Change Worksheet-for State use only

Effective Date:		1/24/2	020							
		NEW OPERATOR:								
Newfield Production Company		Ovintiv Production, Inc.								
Groups: Greater Monument Butte										
WELL INFORMATION:										
Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Туре	Status	
See Attached List										
Total Well Count: OPERATOR CHANGES DOCUM 1. Sundry or legal documentation wa	as received from	the FC		-			3/16/2020			
2. Sundry or legal documentation wa				erator on:	constance constance to lot		3/16/2020			
3. New operator Division of Corpora	ations Business	Numbe	r:		755627-0143	CHICK SHARES	13月1日日本人会议。			
REVIEW: Receipt of Acceptance of Drilling Pr Reports current for Production/Disp OPS/SI/TA well(s) reviewed for full UIC5 on all disposal/injection/storag Surface Facility(s) included in opera	cost bonding: A ge well(s) Appro	ies: Approve			1/14/2021 12/21/2020 3/25/2020	9/2/2020				
NEW OPERATOR BOND VERII State/fee well(s) covered by Bond N				B001834.A 107238142-Shut-In Bond						
DATA ENTRY: Well(s) update in the RBDMS on:				1/14/2021	a la					
Group(s) update in RDBMS on:				1/14/2021						
Surface Facilities update in RBDMS	on:			1/14/2021						
Entities Updated in RBDMS on:										
COMMENTS:									_	

	STATE OF UTAH DEPARTMENT OF NATURAL RE			FORM 9
	5. LEASE DESIGNATION AND SERIAL NUMBER			
	see attached list			
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached			
Do not use this form for proposals to drill n drill horizontal k	new wells, significantly deepen existing wells be aterals. Use APPLICATION FOR PERMIT TO I	elow current bottom-hole depth, DRILL form for such proposals.	reenter plugged wells, or to	7 UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	GAS WELL OTH	1ER		8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR:				9. API NUMBER:
Newfield Production Com	pany			attached
3. ADDRESS OF OPERATOR: 4 Waterway Square Place St _{CIT}	The Woodlands		HONE NUMBER: (435) 646-4936	10. FIELD AND POOL, OR WILDCAT: attached
4. LOCATION OF WELL				
FOOTAGES AT SURFACE:				COUNTY
QTR/QTR. SECTION, TOWNSHIP, RAN	IGE, MERIDIAN:			STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO IND	ICATE NATURE C	F NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION	T		PE OF ACTION	
	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE T	REAT	SIDETRACK TO REPAIR WELL
Approximate date work will start	CASING REPAIR	NEW CONST	RUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS		HANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND A	BANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS		N (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMAT		ON OF WELL SITE	
	CONVERT WELL TYPE		E - DIFFERENT FORMATIO	OTHER
12. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly sho		of Newfield Prod	
This sundry is serve as no Inc. Attached is a list of a	all wells wells that will be ope	erated under Ovintiv	Production Inc e	
	all wells wells that will be ope NEV pany Ovin e Suite 100 4 W 30 The		ace Suite 100	
Inc. Attached is a list of a PREVIOUS NAME: Newfield Producion Com 4 Waterway Square Place The Woodlands, TX 7738	all wells wells that will be ope pany Ovin e Suite 100 4 W 30 The (435	erated under Ovintiv N NAME: htiv Production Inc. /aterway Square Pl Woodlands, TX 77	ace Suite 100 /380 Regulatory Ma	
Inc. Attached is a list of a PREVIOUS NAME: Newfield Producion Com 4 Waterway Square Plac The Woodlands, TX 7738 (435)646-4825	all wells wells that will be ope pany Ovin e Suite 100 4 W 30 The (435	erated under Ovintiv N NAME: htiv Production Inc. Vaterway Square Pl Woodlands, TX 77 5)646-4825	ace Suite 100 /380 Regulatory Ma	effective January 24, 2020.

STATE OF U		- 0			FORM 9
DEPARTMENT OF NATUR. DIVISION OF OIL, GAS	[5. LEASE DESIGNATION AND SERIAL NUMBER see attached list			
SUNDRY NOTICES AND R	LS		DIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing drill horizontal laterals. Use APPLICATION FOR PER		attached or CA AGREEMENT NAME:			
			L NAME and NUMBER:		
2. NAME OF OPERATOR:			attached		
Newfield Production Company	PHONE NUMBER:	attac			
3. ADDRESS OF OPERATOR: 4 Waterway Square Place SL CITY The Woodlands		LD AND POOL, OR WILDCAT:			
4. LOCATION OF WELL			(435) 646-4936		
FOOTAGES AT SURFACE:				COUNT	Y
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:				STATE:	UTAH
11. CHECK APPROPRIATE BOXES TO	INDICATE	NATURE	OF NOTICE, REPOR	RT, OF	R OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
	Ľ	DEEPEN			REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	Γ.	FRACTURE	TREAT		SIDETRACK TO REPAIR WELL
Approximate date work will start.		NEW CONST			TEMPORARILY ABANDON
CHANGE TO PREVIOUS PL	ANS	OPERATOR			TUBING REPAIR
	L.				VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only) CHANGE WELL STATUS			DN (START/RESUME)		WATER DISPOSAL WATER SHUT-OFF
Date of work completion:	FORMATIONS	-	ION OF WELL SITE		OTHER:
	Г. Г	_	TE - DIFFERENT FORMATION		UTHER.
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Cle	arly show all perti	nent details inc	luding dates, depths, volume	s, etc.	
This sundry is serve as notification of the formal of Inc. Attached is a list of all wells wells that will be	corporate na	me change	e of Newfield Produc	tion C	
PREVIOUS NAME: Newfield Producion Company	NEW NAM				
4 Waterway Square Place Suite 100	4 Waterway	Square P	lace Suite 100		
The Woodlands, TX 77380	The Woodla (435)646-48		7380		
(435)646-4825	(433)040-40	525			
		TITL	Regulatory Mana	ger, R	Rockies
R R AACI		IIL			
SIGNATURE AND ALL SUMMOL		DAT	e <u>3/16/2020</u>	- 1	
(This space for State use only)					



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

I Name and	TRANSFER OF AU		API Number
ee attache			Atttached
cation of Well			Field or Unit Name
Footage :	,	County :	See Attached Lease Designation and Number
QQ, Section,	Township, Range:	State : UTAH	See Attached
FFECTIVE	DATE OF TRANSFER: 1/24/2020		
JRRENT OF	PERATOR		
0	Newfield Production Company		Shon McKinnon
Company:		Name:	RI Q ANIdI
Address:	4 Waterway Square Place, Suite 100	Signature:	
	city The Woodlands state TX zip 77380	Title:	Regulatory Manager, Rockies
Phone:	(435) 646-4825	Date:	3/18/2020
Comments	:		
WOPERA	TOR		
Company:	Ovintiv Production, Inc	Name:	Shon McKinnon
Address:	4 Waterway Square Place, Suite 100	Signature:	Shouth Sunno
	_{city} The Woodlands _{state} TX _{zip} 77380	Title:	Regulatory Manager, Rockies
Phone	(435) 646-4825	Date:	3/18/2020
Comments			
Somments	•		
is space for S	State use only)		
			EPA approval required
Ap	pproved by the		

Max Inj. Press. Max Inj. Rate Perm. Inj. Interval Packer Depth Next MIT Due

Utah Division of

Oil, Gas and Mining

Mar 25, 2020

Division of Oil, Gas and Mining Operator Change/Name Change Worksheet-for State use only

Effective Date:		7/1/2021	1264.5						
FORMER OPERATOR:				NEW OPERATOR:					
Ovintiv Production, Inc.				Ovintiv USA, Inc.					
Groups: Greater Monument Butte		a far a P							
WELL INFORMATION:									
Well Name	API Number	Town I	Dir	Range	Dir	Sec	Entity Number	Туре	Status
See Attached List									
Total Well Count: Pre-Notice Completed: OPERATOR CHANGES DOCUN 1. Sundry or legal documentation wi 2. Sundry or legal documentation wi 3. New operator Division of Corpora REVIEW: Receipt of Acceptance of Drilling Pr Reports current for Production/Disp OPS/SI/TA well(s) reviewed for full UIC5 on all disposal/injection/storag Surface Facility(s) included in opera	as received from as received from ations Business rocedures for A osition & Sunda cost bonding: A ge well(s) Appro-	n the FO n the NE Number: PD on: ries: Approved	W oper	ator on: stin	5053175-0143 9/22/2021 10/25/2021 10/4/2021	9/15/2021	9/15/2021 9/15/2021		
NEW OPERATOR BOND VERII State/fee well(s) covered by Bond N				GB Fed 13-20-8-17 Canvasback Fed 1-22-8-17 B001834-B					
DATA ENTRY: Well(s) update in the RBDMS on: Group(s) update in RDBMS on: Surface Facilities update in RBDMS Entities Updated in RBDMS on:				107238142A 11/24/2021 11/21/2021 11/24/2021 11/24/2021					

COMMENTS: 9/22/2021, Since the Newfield to Ovintiv operator change was processed at the beginning of 2021, Name change will only need to match the existing bonds in place under Ovintiv Production, Inc; no additiaonl bond will be required at this time.

STATE OF UTAH	FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR	9. API NUMBER:
Ovintiv Production, Inc.	
3. ADDRESS OF OPERATOR: 4 Waterway SQ PL STE 100 CITY The Woodlands STATE TX ZIP 77380 (281) 210-5100	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE:	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE:
	UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL
Approximate date work will start:	
7/1/2021 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	
	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
Date of work completion:	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	es, etc.
This sundry is to serve as notification that Ovintiv Production Inc. merged into Ovintiv USA In will be operated under Ovintiv USA Inc. effect July 1, 2021.	nc. Attached is a list of all wells that
PREVIOUS NAME:NEW NAME:Ovintiv Production Inc.Ovintiv USA Inc.4 Waterway Square Place Suite 1004 Waterway Square Place Suite 100The Woodlands, TX 77380The Woodlands, TX 77380	
(281) 210-5100 (281) 210-5100	
NAME (PLEASE PRINT) Julia Carter TITLE Manager, US Reg	gulatory Operations
SIGNATURE Julian Canter DATE 9/8/2021	
This space for State use only)	ROVED
By Ut	ah Division of
	as, and Mining
5/2000) (See Instructions on Reverse Side)	rel Medina



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

UIC FORM 5

	OIL GAS & MINEME		
	TRANSFER OF AUT	HORITY TO I	NJECT
Well Name and See attache			API Number Attached
Location of Well			Field or Unit Name
Footage :		County :	See Attached
-			Lease Designation and Number See Attached
	Township, Range:	State : UTAH	
EFFECTIVE	DATE OF TRANSFER: 7/1/2021		
CURRENT OF	PERATOR		
C	Ovintiv Production, Inc.	Nama	Julia Carter
Company:	4 Waterway Square Place, Suite 100	_ Name:	
Address:		Signature:	Julion Carter
	city The Woodlands state TX zip 77380	Title:	Manager, US Regulatory Operations
Phone:	(281) 210-5100	_ Date:	9/8/2021
Comments:			
NEW OPERAT	TOR		
Company:	Ovintiv USA Inc.	Name:	Julia Carter
Address:	4 Waterway Square Place Suite 100	Signature:	Julian Caster
	city The Woodlands state TX zip 77380	Title:	Manager, US Regulatory Operations
Phone:	(281) 210-5100	Date:	9/8/2021
Comments:			
		.÷	
(This space for Si	tate use only) Approved by the Utah Division of Oil, Gas and Mining Oct 04, 2021	Max I Max I Perm. Packe	PA approval required nj. Press. nj. Rate Inj. Interval r Depth MIT Due

Division of Oil, Gas and Mining Operator Change/Name Change Worksheet-for State use only

Effective Date:		9/1/202	22							
FORMER OPERATOR:				NEW OPERAT	FOR:					
Ovintiv USA, Inc.				Scout Energy M	anagement, LLC					
Groups:										
WELL INFORMATION:										
Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Туре	Status	
See Attached List				-						
Total Well Count: Pre-Notice Completed: OPERATOR CHANGES DOCUM	2888 10/19/2022 MENTATION									
1. Sundry or legal documentation wa	is received from	n the FC	ORME	R operator on:			9/26/2022			
2. Sundry or legal documentation wa	is received from	n the NE	EW ope	erator on:			9/26/2022			
3. New operator Division of Corpora	ations Business	Numbe	r:		12607016-0161					
REVIEW:										
Receipt of Acceptance of Drilling Pr	ocedures for A	PD on:				11/15/2022				
Reports current for Production/Dispo	osition & Sundi	ries:			10/19/2022					
OPS/SI/TA well(s) reviewed for full	cost bonding: A	Approve	d by D	ustin	10/11/2022					
UIC5 on all disposal/injection/storag	e well(s) Appro	oved on:	Appro	ved by Orlan	12/15/2022					
Surface Facility(s) included in operation	tor change:			10/19/2022						
NEW OPERATOR BOND VERIE						_				
State/fee well(s) covered by Bond No	umber(s):			612402641-Blan 612402460-Full	iket Bond -Cost Shut-In Bond					
DATA ENTRY:										
Well(s) update in the RBDMS on:				12/20/2022 and	1/25/2023					
Group(s) update in RDBMS on:				12/20/2022						
Surface Facilities update in RBDMS	on:			NA						
Entities Updated in RBDMS on:				1/25/2023						

	STATE OF UTAH DEPARTMENT OF NATURAL RESC	DURCES	FORM
	DIVISION OF OIL, GAS AND		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached Exhibit A
SUNDR	Y NOTICES AND REPOR	TS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: None - N/A
Do not use this form for proposals to drill drill drill horizontal	7. UNIT of CA AGREEMENT NAME: Greater Monument Butte Unit		
1. TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER: See attached Exhibit A
2. NAME OF OPERATOR: Scout Energy Manageme	ant LLC		9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 13800 Montfort Road, Suite 1 _{CI}		PHONE NUMBER: (972) 325-1096	10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A
4. LOCATION OF WELL	TY Dunus STATE		
FOOTAGES AT SURFACE: See a	attached Exhibit A		COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN:		STATE:
			UTAH
11. CHECK APP TYPE OF SUBMISSION	KUPRIATE BOXES TO INDIC	ATE NATURE OF NOTICE, REF	ORT, OR OTHER DATA
	ACIDIZE		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)		FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:			
9/1/2022	CHANGE TO PREVIOUS PLANS		
SUBSEQUENT REPORT			
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:			H
	ary as notification of the transfer	of operatorship of the wells liste	d on the attached exhibit from Ovint
PREVIOUS OPERATOR Ovintiv USA Inc. 4 Waterway Square Plac The Woodlands, Texas 7	re, Suite 100 77380	eptember 1, 2022. NEW OPERATOR Scout Energy Man 13800 Montfort Ro Dallas, TX 75240	agement, LLC
PREVIOUS OPERATOR Ovintiv USA Inc. 4 Waterway Square Plac The Woodlands, Texas 7 A Signature - Christian C. S	e, Suite 100 77380 Sizemore	NEW OPERATOR Scout Energy Man 13800 Montfort Ro Dallas, TX 75240 Signature - Todd	agement, LLC ad, Suite 100 Hott
PREVIOUS OPERATOR Ovintiv USA Inc. 4 Waterway Square Plac The Woodlands, Texas 7	e, Suite 100 77380 Sizemore nd Innovation	NEW OPERATOR Scout Energy Man 13800 Montfort Ro Dallas, TX 75240 Signature - Todd Managing Director	agement, LLC ad, Suite 100 =Lott =Lott =12402460 / #61242461
PREVIOUS OPERATOR Ovintiv USA Inc. 4 Waterway Square Plac The Woodlands, Texas 7 Signature - Christian C. S Director, Rockies and La State/Fee Bond #105189	Exe, Suite 100 77380 Sizemore nd Innovation 19977	NEW OPERATOR Scout Energy Man 13800 Montfort Ro Dallas, TX 75240 Signature - Todd Managing Director State/Fee Bond #6	agement, LLC ad, Suite 100 =Lott 512402460 / #61242461 12462 ctor
PREVIOUS OPERATOR Ovintiv USA Inc. 4 Waterway Square Plac The Woodlands, Texas 7 Signature - Christian C. S Director, Rockies and La State/Fee Bond #105189 BLM Bond #105073466	e, Suite 100 77380 Sizemore nd Innovation 1977	NEW OPERATOR Scout Energy Man 13800 Montfort Ro Dallas, TX 75240 Signature - Todd Managing Director State/Fee Bond #6 BLM Bond #61240	agement, LLC ad, Suite 100 FLott 512402460 / #61242461 92462
PREVIOUS OPERATOR Ovintiv USA Inc. 4 Waterway Square Plac The Woodlands, Texas 7 Signature - Christian C. S Director, Rockies and La State/Fee Bond #105189 BLM Bond #105073466	e, Suite 100 77380 Sizemore nd Innovation 1977	NEW OPERATOR Scout Energy Man 13800 Montfort Ro Dallas, TX 75240 Signature - Todd Managing Director State/Fee Bond #6 BLM Bond #61240	agement, LLC ad, Suite 100 =Lott 512402460 / #61242461 22462 ctor
PREVIOUS OPERATOR Ovintiv USA Inc. 4 Waterway Square Plac The Woodlands, Texas 7 Signature - Christian C. S Director, Rockies and La State/Fee Bond #105189 BLM Bond #105073466	e, Suite 100 77380 Sizemore nd Innovation 1977	NEW OPERATOR Scout Energy Man 13800 Montfort Ro Dallas, TX 75240 Signature - Todd Managing Director State/Fee Bond #6 BLM Bond #61240 TITLE Managing Dire DATE T31/2	agement, LLC ad, Suite 100 =Lott 512402460 / #61242461 22462 ctor

1. 1.



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT

Weil Name and Number see attached list		API Number attached
Location of Well Footage :	County : see attached	Field or Unit Name see attached Exhibit A
QQ, Section, Township, Range:	State : UTAH	Lease Designation and Number see attached Exhibit A

EFFECTIVE DATE OF TRANSFER: 9/1/2022

Company:	Ovintiv USA Inc.	Name: Christian C. Sizemore
Address:	4 Waterway Square Place, Suite 100	Signature:
	city The Woodlands state TX zip 77380	Title: Director, Rockies and Land Innovation
Phone:	281-210-5100	Date: 11/16/2022

Scout Energy Management LLC Name: On Pi ddress: 13800 Montford Road, Suite 100 Signature: Signature:	A
	4-
city Dallas state TX zip 75240 Title: Managina	Director
Phone: 972-325-1027 Date: 11/15/202	
Comments: Change of operator effective 9/1/2022	

EPA	approval	require	d

Max Inj. Press. Max Inj. Rate Perm. Inj. Interval Packer Depth Next MIT Due

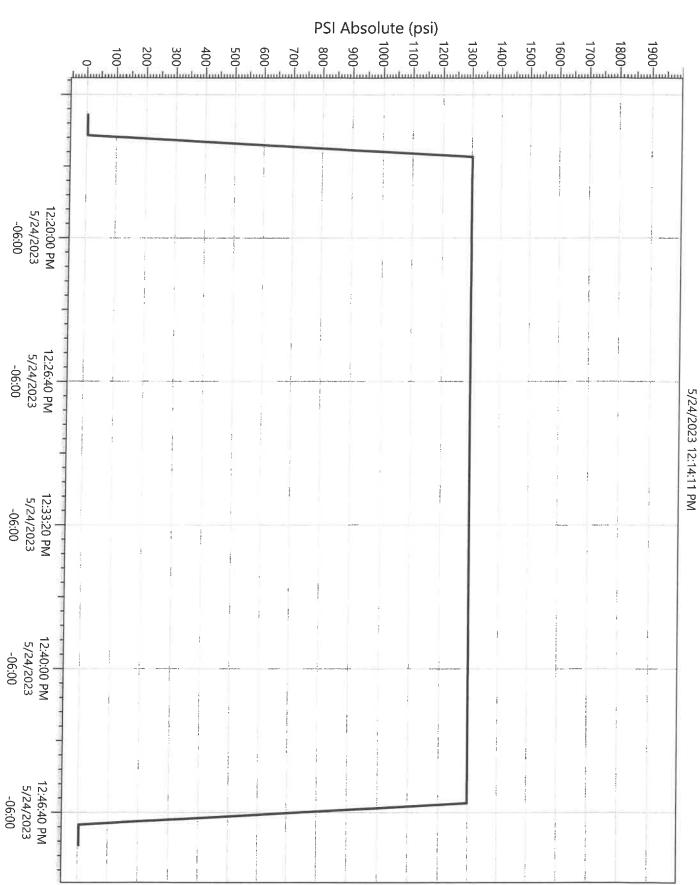
			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		
	DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345
SUNDF	RY NOTICES AND REPORTS ON	WELLS	6. IF TRIBAL, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposition bottom-hole depth, reenter plug DRILL form for such proposals	7.UNIT or CA AGREEMENT NAME: Greater Monument Butte		
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: Ashley Fed 10-22-9-15
2. NAME OF OPERATOR: Scout Energy Management, LL	с		9. API NUMBER: 43013328250000
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 10		ONE NUMBER: 277-1397	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2035 FSL 2023 FEL QTR/QTR, SECTION, TOWNSHIP, Other NIWES Section: 22 T	-		COUNTY: DUCHESNE STATE:
Qtf/Qtr: NVVSE Section: 22 1	ownship: 9S Range: 15E Meridian: S		UTAH
11. CHE	ECK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT, C	IR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
A 5 YR MIT was performed up to 1302 PSIG and charter	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF	casing was pressured he tubing was 315 PSIG t during testing. At this	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION VWATER DISPOSAL APD EXTENSION OTHER: MIT Umes, etc. Accepted by the Utah Division of Oil, Gas and Mining OR RECORD ONLY is is not an approval) July 31, 2023
NAME (PLEASE PRINT) Danene Harvey	PHONE NUMBER 972-325-1114	TITLE Sr. Regulatory Analyst	
SIGNATURE N/A		DATE 5/31/2023	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

				Scout EI			
			182	20 W Highv	vay 40		
			Roc	osevelt, UT 435.352.62	84066		
Witness:				Date:	5-24-2023	Time:12:16	am kin
Test Conducted By:	Kome St	evensor					
Others Present:					43-0	013-32825	
Well Name:	Ashley	10-22-9-15					
Field: monument	Butte				County: Dur	hesne St	tate: UT
Location: 10	Sec:	22.		Tq	N 🔊 🔤		N
Operato Sco	UT						
Last MI ^r /	/			Maximum	Allowable Pres	sure: 1354	psig
Is this a regu	•		{	} Yes	{ 🗶 } No		
Initial Test for			{	} Yes	{ 🗶 } No		
Test after we	ell rework?		{	} Yes	{ 🎗 } No		
Well injectio	on during te	est?	{	} Yes	{ 🎗 } No	If Yes, rate:	bpd
						S.I.	4.23-20
Pre-test casing / to	ubing annu	lus pressure:	0		/ 315	F	osig
MIT DATA TABLE		Test #1			Test #2		
TUBING		PRESSURE					
Initial Pressure	315			psig		psig	
	315			psig		psig	
CASING / TUBING		ANNULUS	_		PRESSURE		
0 minutes Bol. 8				psig		psig	
5 minutes 1300.6				psig		psig	
10 minutes 1300.0				psig		psig	
15 minutes 1299.8				psig		psig	
20 minutes 1299.4				psig		psig	
25 minutes 1209 o				psig		psig	
30 minutes 1298.6			_	psig		psig	
minutes				psig		psig	
minutes				psig		psig	
RESULT	$\{X\}$	Pass	{	} Fail	{ } Pass	{ } Fail	
Does the annulus press Additional comments f back at end of test, reas	or mechan	ical integrity	ores	sure test, suc	h as volume of	χ } No fluid added to annulus etc.:	and bled

Signature of Witness:

Signature of Person Conducting Test: A. Kon Sterson



	į		J
 Pressure 	P23432	Legend	

Ashley 10-22-9-15

Sundry Number: 123952 API Well Number: 43013328250000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-027345
SUNDF	6. IF TRIBAL, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposi bottom-hole depth, reenter plug DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: Greater Monument Butte		
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: Ashley Fed 10-22-9-15	
2. NAME OF OPERATOR: Scout Energy Management, LL	C		9. API NUMBER: 43013328250000
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 10		PHONE NUMBER: 2-277-1397	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2035 FSL 2023 FEL QTR/QTR, SECTION, TOWNSHIP,	RANGE, MERIDIAN:		COUNTY: DUCHESNE STATE:
Qtr/Qtr: NWSE Section: 22 T	ownship: 9S Range: 15E Meridian: S		UTAH
11. CHE	ECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT, C	DR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
		ALTER CASING	CASING REPAIR
	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	
Approximate date work will start: 2/15/2024	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
		FRACTURE TREAT	
Date of Work Completion:		PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:		SIDETRACK TO REPAIR WELL	
		VENT OR FLARE	
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	
		OTHER	OTHER:
Scout Energy Management currently is to rig up and test	MPLETED OPERATIONS. Clearly show all pertin , LLC requests permission to repair a su st the tubing with a standing valve, pul ipment, run the injection string back in injection string.	ispected HIT. Our plan the tubing and packer,	lumes, etc. Approved by the Utah Division of Oil, Gas and Mining
		Da	te:_January 18, 2024
		Ву	Richard Powell
		-,	Conditions Attached
NAME (PLEASE PRINT) Danene Harvey	PHONE NUMBER 972-325-1114	TITLE Sr. Regulatory Analyst	
SIGNATURE N/A		DATE 1/18/2024	



The Utah Division of Oil, Gas, and Mining - State of Utah - Department of Natural Resources Electronic Permitting System - Sundry Notices

Sundry Conditions For Well Number 43013328250000

Following successful repairs a MIT needs to be performed prior to returning to injection. Contact Adam Miller (385) 377-2184 to witness test at least 48 hrs in advance.

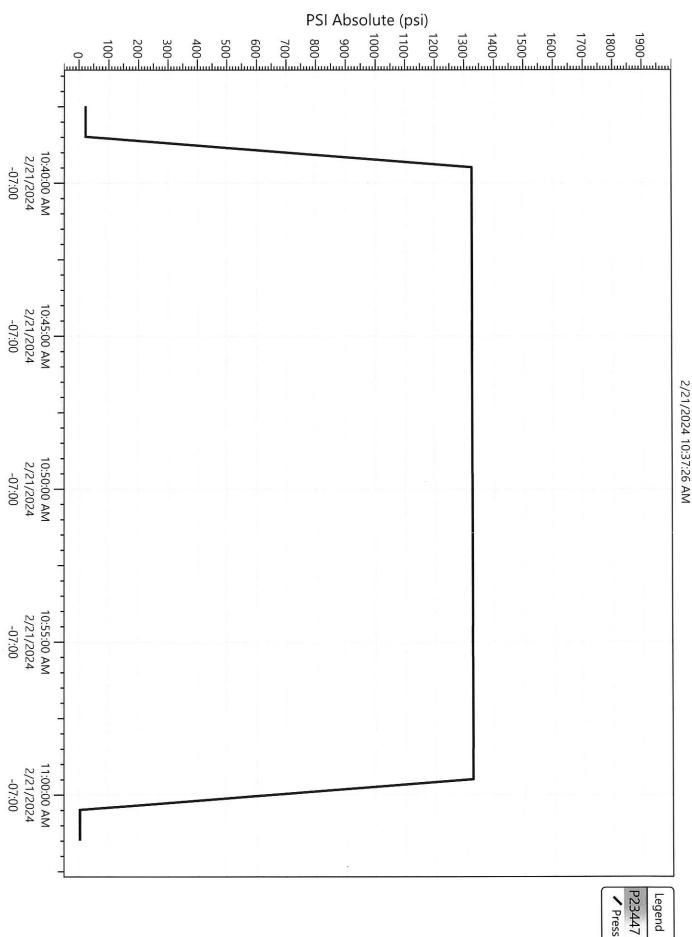
			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		5.LEASE DESIGNATION AND SERIAL NUMBER:
	DIVISION OF OIL, GAS, AND MININ	G	UTU-027345
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF TRIBAL, ALLOTTEE OR TRIBE NAME:
Do not use this form for proportion bottom-hole depth, reenter plug DRILL form for such proposals	sals to drill new wells, significantly deepen e ged wells, or to drill horizontal laterals. Use A	xisting wells below current PPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: Greater Monument Butte
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: Ashley Fed 10-22-9-15
2. NAME OF OPERATOR: Scout Energy Management, LL	с		9. API NUMBER: 43013328250000
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 10		HONE NUMBER: -277-1397	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2035 FSL 2023 FEL QTR/QTR, SECTION, TOWNSHIP,			COUNTY: DUCHESNE STATE:
Qtr/Qtr: NWSE Section: 22 T	ownship: 9S Range: 15E Meridian: S		UTAH
11. CHE	ECK APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPORT, C	' DR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
		ALTER CASING	
	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:		FRACTURE TREAT	
2/20/2024		PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
		SIDETRACK TO REPAIR WELL	
DRILLING REPORT Report Date:		VENT OR FLARE	WATER DISPOSAL
	WATER SHUTOFF	SI TA STATUS EXTENSION	
	WILDCAT WELL DETERMINATION	OTHER	OTHER: MIT
A 5 YR MIT was performed Report attached. On 2/21/2 20 minutes with no pressure	OMPLETED OPERATIONS. Clearly show all pertine on the above listed well after workover 024 the casing was pressured up to 132 e loss. The tubing was 310 PSIG during r, was present during testing. We will be	to repair suspected HIT. 5 PSIG and charted for the test. State e returning this well back	Accepted by the Utah Division of Oil, Gas and Mining OR RECORD ONLY nis is not an approval) April 16, 2024
NAME (PLEASE PRINT) Danene Harvey	PHONE NUMBER 972-325-1114	Sr. Regulatory Analyst	
SIGNATURE N/A		DATE 3/5/2024	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

		Scout El			
		1820 W Highy	vay 40		
		Roosevelt, UT			
		435.352.62			
Witness Adam 1	Niller	Date:	102/21/2024	Time: / C	2:35 m pm
Test Conducted By:	Troy	Blackburn			
Others Present:	(t	43	3-013-32825	
Well Name:	Ashley	Federal 10	-22-9-15		
Field: GMBU			County: Duck	nesne	State: UT
Location: 10 Se	ec: 7	2 T 9	N/Ø	R_15_(Ð/W
Operator 5 COL	JT ENER	64			
Last MI / /		Maximur	n Allowable Press	ure: 1354	/ psig
Is this a regular	y scheduled te	est? { Yes { } Yes	{ } No		
Initial Test for I	Permit?	{ } Yes	{X} No		
	rework?	{X} Yes	{ } No		
Test after well	ICWOIR.	(v)	()		
Test after well Well injection o	during test?	{ } Yes	{ ≻ } No		sig bpd
Test after well n Well injection of Pre-test casing / tubi	during test? ing annulus pr	{ } Yes essure: O	{X} No / 3/	If Yes, rate:	
Test after well n Well injection of Pre-test casing / tubi	during test? ing annulus pr Test	{ } Yes essure:O #1	{ ≻ } No		
Test after well Well injection of Pre-test casing / tubi MIT DATA TABLE TUBING	during test? ing annulus pr Test PRE:	{ } Yes essure: #1 SSURE	{X} No / 3/ Test #2	10	
Test after well n Well injection of Pre-test casing / tubi MIT DATA TABLE TUBING Initial Pressure	during test? ing annulus pr Test PRE: 310	{ } Yes essure: #1 SSURE psi	{ X } No / 3 / Test #2	psig	
Test after well Well injection of Pre-test casing / tubi MIT DATA TABLE TUBING Initial Pressure End of test pressure	during test? ing annulus pr Test PRE: 310 310	{ } Yes essure: #1 SSURE psi psi	{ ≻ } No / 3 / Test #2	10	
Test after well injection of Well injection of Pre-test casing / tubi	during test? ing annulus pr Test PRE: 310 310	{ } Yes essure: #1 SSURE psi psi TULUS	{>> No / 3/ Test #2 g g PRESSURE	psig psig	
Test after well injection of Well injection of Pre-test casing / tubion of MIT DATA TABLE TUBING Initial Pressure End of test pressure CASING / TUBING 0 minutes	during test? ing annulus pr Test PRE: 310 310	{ } Yes essure: #1 SSURE psi psi ULUS 1325 psi	{ X } No / 3 Test #2 g PRESSURE g	psig psig psig	
Test after well injection of Well injection of Pre-test casing / tubion of tubion of tubion of tubion of test pressure for the pressure of test pressure of test pressure of test pressure of tubion of tubication o	during test? ing annulus pr Test PRE: 310 310	{ } Yes essure: #1 SSURE psi psi psi ULUS /325 psi 1325 psi	{ X } No / 3 / Test #2 g g PRESSURE g g	psig psig psig psig psig	
Test after well injection of Well injection of Pre-test casing / tubi	during test? ing annulus pr Test PRE: 310 310	{ } Yes essure: #1 SSURE psi psi psi 1325 psi 1325 psi 1325 psi 1325 psi	{ X } No / 3 / Test #2 g g PRESSURE g g	psig psig psig psig psig psig psig	
Test after well injection of Well injection of Pre-test casing / tubion of MIT DATA TABLE TUBING Initial Pressure End of test pressure CASING / TUBING 0 minutes 5 minutes 10 mi	during test? ing annulus pr Test PRE: 310 310	{ } Yes essure: #1 SSURE FULUS 1325 psi 1325 psi 1325 psi 1325 psi 1325 psi	{ X } No / 3 / Test #2 g g g g g g g g g g g g g	psig psig psig psig psig psig psig psig	
Test after well i Well injection of Pre-test casing / tubi MIT DATA TABLE TUBING Initial Pressure End of test pressure CASING / TUBING 0 minutes 5 minutes 10 minutes 15 minutes	during test? ing annulus pr Test PRE: 310 310	{ } Yes essure: #1 SSURE psi psi psi 132 \$ psi 132 \$ psi	{X} No / 3/ Test #2 g g g g g g g g g g	psig psig psig psig psig psig psig	
Test after well i Well injection of Pre-test casing / tubi MIT DATA TABLE TUBING Initial Pressure End of test pressure CASING / TUBING 0 minutes 5 minutes 10 minutes 15 minutes 20 minutes	during test? ing annulus pr Test PRE: 310 310	{ } Yes essure: #1 SSURE psi psi 1325 psi 1325 psi	$\{ \mathbf{\chi} \}$ No / 3 / Test #2 g g g g g g g g g g g g g g g g g g g	psig psig psig psig psig psig psig psig	
Test after well injection of Well injection of Pre-test casing / tubion of test pressure Find of test pressure CASING / TUBING 0 minutes 5 minutes 10 minutes 15 minutes 20 minutes 25 minu	during test? ing annulus pr Test PRE: 310 310	{ } Yes essure: #1 SSURE psi psi psi 132 \$ psi 132 \$ psi	{ X } No / 3 / Test #2 g g g g g g g g g g g g g g g g g g g	psig psig psig psig psig psig psig psig	
Test after well i Well injection of Pre-test casing / tubi	during test? ing annulus pr Test PRE: 310 310	{ } Yes essure: #1 SSURE psi psi 1325 psi 1325 psi	{ X } No / 3 / Test #2 g g g g g g g g g g g g g g g g g g g	psig psig psig psig psig psig psig psig	

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled

.



Ashley Federal 10-22-9-15

P23447 Pressure

Well Work Daily Report

ASHLEY 10-22-9-15

API Number:	4301332825				Acctg Code:	OVIMONUBUTTE
Division:	WEST				Tax Group:	GMBU
Region:	UTAH				Prepared By:	ray.gunter
State:	Utah	County:	Duchesne		Rig:	Peak 2100
Location:						
Start Date	2/16/2024	Job ID	:	23265	TD:	
Objective	Repair leaking inject	tion well			PBTD_KB:	
AFE Number:		AFE Amount:			Formation:	
					Perforations:	

Report Date: 2/20/2024

Current Operations: Roll packer fluid, set packer, MIT CSG

Daily Activity:06:00-07:00

Crew travel and JSA 07:00-15:00

SIP 500psi, flush csg 80bbls fresh wtr 80° (20gal packer fluid), set packer AS1 (15K tension), fill csg 5 bbls wtr, pressure test csg (fail 30min), heat ztank, pressure test csg 1500psi (good 30min), MIT test csg (good), correct tbg string, re- entry collar (.50'), packer 5 1/2" AS1 (6.80'), SN 2 7/8" J55 (1.10'), 124 jts 2 7/8" J55 (3919.41`), EOT set depth 12' KB (3939.81'), RDMO Peak Rig #2100

Tubing Comments: 12' KB	Rods Comments:
124 2 7/8″ J55 (3919.41′)	
SN 2 7/8" J55 (1.10')	
Packer 5 1/2" AS1 (6.80')	
Re-entry collar (.50')	

Daily Costs

Cost Item		Amount
882.72 - WO - SUBSURFACE EQUIPMENT	stack'd packer	\$1,250.00
882.65 - WO - RIG - PULLING UNIT COSTS	Peak Well services	\$4,149.00
882.53 - WO - HOT OILING	Central Mountain	\$1,660.00
882.58 - WO - MUD & CHEMICALS	Western Chemical packer fluid	\$450.00
882.76 - WO - TRANSPORTATION & TRUCKING	Zubiate	\$400.00
	Delsco	\$300.00
	Drain z-tank/fresh water	\$600.00
	Daily Total	\$8,809.00

Report Date: 2/19/2024

Current Operations:TIH retrieve packer, TOH packer, TIH production tbg, test tbg

Daily Activity:06:00-07:00

Crew travel and JSA

07:00-18:00

Steam well head, TIH on/off tool, SN 2 7/8" J55, 116 jts 2 7/8" J55, latch packer, set packer, release packer, TOH 116 jts 2 7/8" J55, SN 2 7/8", on/off tool, packer 5 1/2" AS1, MU BHA re-entry collar (.50'), packer 5 1/2" AS1 (6.8'), SN 2 7/8" J55 (1.10'), TIH 48 jts 2 7/8" J55, flush tbg 10bbls wtr 220°, drop SV, fill tbg 10bbls wtr, pressure test tbg 3000psi (fail 100psi per min), TIH sand line fish SV, flush tbg 10bbls wtr 220°, drop SV, fill tbg 10bbls wtr, pressure test tbg 3000psi (fail 9psi per min), TOH 20 jts 2 7/8" J55, pressure test tbg 3000psi (good 10min), TIH 10 jts 2 7/8" J55 (replace collar), fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 10 jts 2 7/8" J55, fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 20 jts 2 7/8" J55, fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 20 jts 2 7/8" J55 fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 20 jts 2 7/8" J55 fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 36 jts 2 7/8" J55, fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 36 jts 2 7/8" J55, fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 36 jts 2 7/8" J55, fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 36 jts 2 7/8" J55, fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 36 jts 2 7/8" J55, fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 36 jts 2 7/8" J55, fill tbg 5bbls wtr, pressure test tbg 3000psi (good 10min), TIH 36 jts 2 7/8" J55, fill tbg 5bbls wtr, pressure test tbg 3000psi (good 30min), TIH sand line fish SV, RD rig floor, remove BOP, land 4' 2 7/8" tbg pup, well head, RU flow line, SWIFN 17:00-18:00

Crew	travel

Tubing Comments:	Rods Comments:			
Daily Costs				
Cost Item		Amount		
882.65 - WO - RIG - PULLING UNIT COSTS	Peak Well services	\$5,882.00		
882.53 - WO - HOT OILING	Central Mountain	\$1,651.00		
882.63 - WO - RENTAL EQUIPMENT	KLX (bop)	\$350.00		
882.76 - WO - TRANSPORTATION & TRUCKING	delsco	\$300.00		
	Daily Total	\$8,183.00		

Report Date: 2/16/2024

Current Operations: MIRU Peak 2100, Bleed off well, remove WH, Install BOP, Broach tbg, test tbg

Daily Activity:06:00-07:00

Crew travel and JSA

07:00-17:30

RU flow line, MIRU Peak Rig #2100, cross over tbg equipment, RD well head, release packer AS1, land well head, flush tbg 25bbls wtr 220°, TIH sand line broach tbg (4000'), flush tbg 40bbls wtr, drop SV, fill tbg 30bbls wtr, pressure test tbg 3000psi (fail 100psi 30min), remove well head, install BOP, RU rig floor, TOH 40 jts 2 7/8" J55 (break and seal collars), pressure test tbg 3000psi (fail 110psi 30min), TOH 106 joint 2 7/8" J55 (break and seal collars), SN 2 7/8", on/off tool, SWIFN 17:30-18:30

Crew travel

Tubing Comments:	Rods Comments:	
Daily Costs		
Cost Item		Amount
882.65 - WO - RIG - PULLING UNIT COSTS	Peak Well Services	\$6,214.00
882.53 - WO - HOT OILING	Central Mountain	\$1,751.00
882.49 - WO - CONTRACT SERVICES	Benco	\$350.00
882.63 - WO - RENTAL EQUIPMENT	BOP (KLX)	

882.76 - WO - TRANSPORTATION & TRUCKING	Zubiate		\$450.00
		Daily Total	\$9,115.00

Sundry Number: 129286 API Well Number: 43013328250000 Ashley Federal 10-22-9-15

Spud Date:05/05/2006

Initial Production: 6/7/06

Spud Date:05/05/2006						Initial P	roduction:	6/ //06	
Put on Production: 06/07/06 GL: 6452 KB: 6464'		Converted Injective Wellbore Diagram							
SURFACE CASING		U		FRAC JO	3				
CSG SIZE: 8-5/8"	Cement Top @ 60'						CP2 1	e 11	
GRADE: J-55 WEIGHT: 24# LENGTH: 8 jts. (308.72') DEPTH LANDED: 319.62' KB	Casing Shoe @ 320'				5628-5636 5442-5455'	24,4 frac w/av flush Fra c	fluid. Treated yg rate of 25 E a: 5626 gal. Ac c LODC sand	d in 350 bl @ avg pro BPM. ISIP ctual flush: s as follow	
HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cn	nt to surf.			06/02/06	5136-5144	frac w/av flush	fluid. Treated /g rate of 25.1 : 5440 gal. Ac LODC sand	@ avg pro BPM. ISI ctual flush:	ess of 1873 ps P 1920 psi. Ca 4914 gal.
						19,5 frac w/av flush	29# 20/40 san fluid. Treated g rate of 27.9 a: 5134 gal. Ac	d in 295 bl @ avg pro BPM. ISI ctual flush:	bls Lightning 1 ess of 2357 psi P 2450 psi. Ca
PRODUCTION CASING CSG SIZE: 5-1/2"				06/02/06	5036-5052'	70,4 frac w/av	fluid. Treated	d in 549 bl @ avg pre BPM. ISI	bls Lightning 1 ss of 2482 psi P 2680 psi. Ca 4536 gal
GRADE: J-55 WEIGHT: 15.5# LENGTH: 148 jts. (6065.14°)				06/02/06	4779-4788'	Fra 39,0 frac w/a	c C sands as f 515# 20/40 sar fluid. Treated vg rate of 25.1	follows: ad in 428 b @ avg pro BPM. ISI	bbls Lighting 1 ess of 2246 psi IP 2160 psi. Ca
DEPTH LANDED: 6064.39' KB HOLE SIZE: 7-7/8" CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.			06/02/06	4634-4646'	Frac D1 sands as 49,707# 20/40 san frac fluid. Treated		actual flush: 4284 gal. s follows: nd in 420 bbls Lighting 1' d @ avg press of 1974 ps BPM. ISIP 2190 psi. Cal		
TUBING				06/02/06	4533-4548'	flus Fra 65,3 frac	h: 4632 gal. A c DS3 sands a 32# 20/40 sand fluid. Treated	ctual flush as follows: d in 496 bl @ avg pre	: 4158 gal. bls Lightning 1 ss of 2054 psi
IDBING SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 124 jts (3919.41') SEATING NIPPLE: 2-7/8" – J-55 (1.10') PACKER: 5.5" AS1 (6.80') @ 3932.51'				06/02/06	3982-3988'	w/avg rate of 25 BPM. ISIP 231 flush: 4531 gal. Actual flush: 39 Frac GB2 sands as follows: 19,757# 20/40 sand in 266 bbls frac fluid. Treated @ avg press c w/avg rate of 14.5 BPM. ISIP 1: flush: 3980 gal. Actual flush: 39			3990 gal. bls Lightning ss of 1478 ps P 1380 psi. C
Re-entry collar (.50')				8/21/07 10/7/08			p change. Upd or workover, r		
			Packer @ 3932' 3982-3988'						
			_			PERFORATION RECORD			
			4533-4548' 4634-4646' 4779-4788'			06/02/06 5628-5636' 06/02/06 5442-5455' 06/02/06 5136-5144' 06/02/06 5036-5052' 06/02/06 4779-4788'	4 JSPF 52 holes 4 JSPF 32 holes		
			5036-5052' 5136-5144'			06/02/06 4634-4646' 06/02/06 4533-4548' 06/02/06 3982-3988'			
			5442-5455'						
			5628-5636'						
			PBTD @ 6018' TD @ 6060' SHOE @ 6064'						
Ashley Federal 10-22-9-15		ИN	5110E @ 0004						
2035' FSL & 2023' FEL									
NW/SE Section 22-T9S-R15E									
Duchesne Co, Utah									