FILTING FOR WATER IN THE Rec. by The
STATE OF UFAHEIVED Fee Rec 303 Receipt # 39737
APPLICATION TO APPROPRIATE WATER Roll # WATEF RIGHTS
For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated 1953, as amended.
WATER RIGHT NUMBER: 43 - 10261
1. OWNERSHIP INFORMATION: CL. 3A3 & WINNIG LAND OWNED? No
A. NAME: Dalbo Inc. ADDRESS: 355 South 1000 East, Vernal, UT 84078
B. PRIORITY DATE: December 3, 1990 FILING DATE: December 3, 1990
2. SOURCE INFORMATION: DEC 24 1990
A. QUANTITY OF WATER: 0.015 cfs
B. DIRECT SOURCE: Lake Fork River COUNTY: Duchesne
 C. POINTS OF DIVERSION SURFACE: (1) N 400 feet E 1900 feet from SW corner, Section 9, T 1S, R 4W, USBM DIVERT WORKS: Pumped into tank trucks SOURCE: (2) S 600 feet W 100 feet from NE corner, Section 34, T 1S, R 4W, USBM DIVERT WORKS: Pumped into tank trucks SOURCE: (3) N 150 feet W 900 feet from SE corner, Section 33, T 2S, R 3W, USBM DIVERT WORKS: Pumped into tank trucks SOURCE: (3) N 150 feet W 900 feet from SE corner, Section 33, T 2S, R 3W, USBM DIVERT WORKS: Pumped into tank trucks SOURCE:
D. COMMON DESCRIPTION:
3. WATER USE INFORMATION:
OIL EXPLORATION: from Dec 3 to Mar 31. Water is to be used for oil well service and completion work
**
4. PLACE OF USE: (which includes all or part of the following legal subdivisions:)
BASE TOWN RANG SEC NORTH-EAST I NORTH-WEST I SOUTH-WEST I SOUTH-EAST I BASE TOWN RANG SEC NE NW SW SE NE NW S
Continued on next page.
Appropriate

				H-EAST	NORTH-WEST	•	
BASE	TOWN	RANG	SEC NE N	W SW SE	NE NW SW S	<u>SE NE NW SW SE</u>	NE NW SW SE
US	25	2W		TOWNSHIP		······································	
US	25	ЗW		TOWNSHIP			
US	2S	4W	Entire	TOWNSHIP			
US	2S	5W	Entire	TOWNSHIP			

5. EXPLANATORY:

Diversion is on private land. Have permission from the owner. This application is a renewal of 43-9966

6. SIGNATURE OF APPLICANT(S):

The applicant(s) hereby acknowledge(s) that he/she/they are citizen(s) of the United States of America or intend(s) to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/ she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of information contained herein, at the time of filing, rests with the applicant(s).

Applicant(s) ature of

STATE ENGINEER'S ENDORSEMENT

WATER RIGHT NUMBER: 43 - 10261

APPLICATION NO. T65059

- 1. December 3, 1990 Application received by TNB.
- 2. December 13, 1990 Application designated for APPROVAL by RWL and KLJ.
- 3. Comments:

Conditions:

This application is hereby APPROVED, dated December 21, 1990, subject to prior rights and this application will expire on December 21, 1991.

Robert L. Morgan

State Engineer

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DRILLING LOCATION ASSESSMENT

State of Utah Division of Oil, Gas and Mining

OPERATOR: ANR PRODUCTION COMPANYWELL NAME: CHRISTENSEN 2-29A4SECTION: 29TWP: 1SRNG: 4WLOC: 1425FSL 2131FELQTR/QTR NW/SE COUNTY: DUCHESNEFIELD: ALTAMONT-BLUEBELLSURFACE OWNER: ZANE CHRISTENSENSPACING: 660F SECTIONLINE1320F ANOTHERWELLINSPECTOR: BRAD HILLDATE AND TIME: 2/5/9111:10

<u>PARTICIPANTS</u>: Bob Anderson-Permit agent; Robert Kay-Uintah Engineering; Scott Seeley-ANR; Boyd Young & Tracey Monkscontractors

<u>REGIONAL SETTING/TOPOGRAPHY</u>: The proposed well is located in the northwest Uinta Basin, in a narrow east-west trending valley between two low ridges. The location is partially on a small dry drainage.

LAND USE:

CURRENT SURFACE USE: Domestic grazing.

PROPOSED SURFACE DISTURBANCE: A rectangular pad will be constructed with approximate dimensions of 400'X 330' including the reserve pit. A .7 mile access road will be constructed.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Sage, Juniper, Rabbitbrush, scattered grasses, Pinyon/Deer, Rabbits

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Sandy-silt with abundant cobbles.

SURFACE FORMATION & CHARACTERISTICS: Quaternary Alluvium

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation at this time. Location should be stable.

PALEONTOLOGICAL POTENTIAL: None observed

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Lower Green River-Wasatch: 9100'-15350'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated.

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: As per landowner instructions.

RESERVE PIT

CHARACTERISTICS: The reserve pit will be rectangular in shape and approximately 200'X 120'X 10'.

LINING: To be lined with a synthetic liner of 12 mil minimum thickness.

MUD PROGRAM: 0-6000'/Native mud; 6000'-15350'/Gel/polymer

DRILLING WATER SUPPLY: Duchesne River

STIPULATIONS FOR APD APPROVAL

Reserve pit to be lined with synthetic liner. Existing drainage is to be diverted around the location.

BEFORE THE BOARD OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH

IN THE MATTER OF THE AMENDED PETITION OF ANR LIMITED INC.,	:	
ET AL. FOR AN ORDER MODIFYING	:	
PREVIOUS ORDERS WHICH ESTABLISHED DRILLING AND	•	CONCLUSIONS OF LAW AND ORDER
SPACING UNITS AND ANY OTHER	•	MD ORDER
ORDERS RELATING TO TEST WELLS	:	Docket No. 85-007
•		Cause No. 139-42
AND CEDAR RIM-SINK DRAW	:	
FIELDS, DUCHESNE AND UINTAH	•	
COORTEDO, OTHE	•	

Pursuant to the Amended Notice of Hearing dated March 4, 1985 of the Board of Oil, Gas and Mining ("Board"), Department of Natural Resources of the State of Utah, said cause came on for hearing on Thursday, April 11, 1985 at 10:00 a.m. in the Board Room of the Division of Oil, Gas and Mining ("Division"), 355 West North Temple, 3 Triad Center, Suite 301, Salt Lake City, Utah.

The following members of the Board were present:

139-42

Gregory P. Williams, Chairman James W. Carter Charles R. Henderson Richard B. Larson E. Steele McIntyre John M. Garr, having recused himself, did not participate Mark C. Moench, Assistant Attorney General, was present on behalf of the Board.

Members of the Staff of the Division present and participating in the hearing included:

> Dr. Dianne R. Nielson, Director Ronald J. Firth, Associate Director John R. Baza, Petroleum Engineer

Barbara W. Roberts, Assistant Attorney General, was present on behalf of the Division.

Appearances were made as follows: Petitioners ANR Limited, et al., by Frank Douglass, Esg. and Ray H. Langenberg, Austin, Texas; Robert G. Pruitt, Jr., Esg., Salt Lake City, Utah; Frank J. Gustin, Esg., Salt Lake City, Utah; Louis A. Posekany, Jr., General Counsel, and George W. Hellstrom, Esq., ANR Production Company; Phillip K. Chattin, General Counsel, Utex Oil Company; Hugh C. Garner, Esq., for Coastal Oil & Gas Corporation; Phillip William Lear, Esg., for Phillips Petroleum Company; Jeffrey R. Young, Esq., for Bow Valley Petroleum, Inc.; B. J. Lewis, Esq., Vice President, and Robert W. Adkins, Esq., Linmar Energy Corporation; Robert Buettner, Esq., Koch Exploration Company: Lane Jamison, Esq., Sonat Exploration Company; Victor Brown and Robert Brown, Utah Royalty Association; John Harja, Esq., Gulf Oil Corporation; Martin Seneca, General Counsel, Ute Indian Tribe; Assad M. Raffoul, Petroleum Engineer, Bureau of Land Management; John Chasel, on his own behalf; George Morris, Esq., Ute Distribution Corporation; Dr. Gilbert Miller, Conservation Superintendent, Amarada Hess Corporation; and L. A. Pike, Roosevelt, Utah, landowner.

-2-

Now therefore, the Board having considered the testimony of the witnesses, John C. Osmond, Petroleum Geologist; Clarke Gillespie, Petroleum Reservoir Engineer; and R. Thayne Robson, Economist, for Petitioners and B. J. Lewis, Vice President, and John W. Clark, Petroleum Engineer, for Linmar Energy Corporation, and the exhibits received at said hearing and being fully advised in the premises, now makes and enters the following:

FINDINGS OF FACT

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties as required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matters covered by said notice and over all parties interested therein and has jurisdiction to make and promulgate any order hereinafter set forth.

3. The Board has heretofore entered 640 acre drilling and spacing orders for the Lower Green River/Wasatch Formation in Causes No. 139-3, 139-4, 139-5, 139-8, and 139-17 (Altamont Field), Causes No. 131-11, 131-14, 131-24, 131-27, 131-32, 131-33, 131-34, 131-45 and 131-55, (Bluebell Field), and Causes No. 140-6 and 140-7 (Cedar Rim-Sink Draw Field) as to the following described lands:

UINTAH SPECIAL MERIDIAN

Township 1 North, Range 1 West Sections: 19-36 Township 1 North, Range 2 West Sections: 19-36

Township 1 North, Range 3 West Sections 23-26, 35 and 36

Township 1 South, Range 1 East Sections: All (except Roosevelt Unit)

Township 1 South, Range 2 East Sections: 4-8,18-19, 30-31

Township 1 South, Range 1 West Sections: All (except Roosevelt Unit)

Township 1 South, Range 2 through 4 West 7 Sections: All

Township 1 South, Range 5 West Sections: 10-17, 20-36

Township 1 South, Range 6 West Sections: 25-26, 35-36

Township 2 South, Range 1 through 2 East Sections: All

Township 2 South, Range 1 through 6 West Sections: All

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Township 2 South, Range 7 West Sections: 19, 30-36

Township 2 South, Range 8 West Sections: 23-26, 31-36

Township 3 South, Range 3 West Sections: 5-8, 17-20, 29-32

Township 3 South, Range 4 through 8 West Sections: All

Township 4 South, Range 3 West Sections: 5 and 6

Township 4 South, Range 4 West Sections: 1-6

Township 4 South, Range 5 West Sections: 1-6

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Township 4 South, Range 6 West Sections: 1-18

SALT LAKE MERIDIAN

Township 5 South, Range 19 East Sections: 20-23, 26-29, 32-35

Township 6 South, Range 19 East Sections: 3-5, 9, 10, 15, 16, 22, 27 and 34

4. In Cause No. 140-12, the Board authorized the drilling of test or second wells that may only be produced alternatively with the initial well on the same drilling unit.

5. The Lower Green River/Wasatch Formation underlying the subject fields constitutes a pool as that term is defined in Utah Code Ann. §40-6-2(9) (1953, as amended), and is a highly complex series of isolated and discontinuous beds of productive rock that are randomly distributed vertically over a several thousand feet thick interval. Normally, the productive beds are separate and distinct and not in communication with each other.

6. Many of the productive beds are not correlatable from well to well and will not afford communication between wells as close as 1000 feet. Of the productive beds that correlate, various geological factors prevent a significant number form communicating between wells within the same section.

7. Geologic and engineering information from initial unit wells and test wells show that a single well will not effectively drain the recoverable oil and gas underlying any given 640 acre spacing unit because the productive beds are too

-5-

small or have other limiting characteristics precluding effective and efficient drainage of the recoverable reserves underlying the unit.

8. Data from production logs and field performance show that test wells drilled under the Order in Cause No. 140-12 after 1978 have caused the recovery of substantial amounts of oil from separate and distinct productive beds and from previously undepleted productive beds, and that the drilling of additional wells on existing units will increase the ultimate recovery of oil from the subject fields.

9. The prohibition of simultaneous production from the initial well and test well on the same unit has caused the shutting in of wells with the potential to produce substantial amounts of additional reserves.

10. Each additional well drilled under this order will tap producing formations that are separate and distinct from and not in communication with any other producing formation and is not an unnecessary well.

II. In some areas of the subject fields, geologic, engineering, and economic factors justify drilling additional wells on existing units. In other areas, geologic, engineering and economic factors may not justify drilling additional wells on existing units.

CONCLUSIONS OF LAW

-6-

1. Due and regular notice of the time, place and

purpose of the hearing was given to all interested parties as required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matters covered by said notice and over all parties interested therein and has jurisdiction to make and promulgate any order hereinafter set forth.

3. The Board is authorized to modify its previous orders to permit additional wells to be drilled within established units under Utah Code Ann. §40-6-6(4) (1953, as amended).

4. An order permitting (a) the drilling of additional wells on existing units as provided herein and (b) the simultaneous production of initial wells and additional wells will prevent the waste of hydrocarbons, prevent the drilling of unnecessary wells, and protect correlative rights.

ORDER

IT IS THEREFORE ORDERED:

To prevent waste of oil, gas and associated liquid hydrocarbons, to avoid the drilling of unnecessary wells, to protect correlative rights and to maintain, to the maximum extent practicable, drilling units of uniform size and shape for the promotion of more orderly development of the lands described in Finding of Fact No. 3 above, the following order is hereby promulgated to govern operations in said area effective as of April 12, 1985:

-7-

A. Upon the effective date any and all orders of the Board heretofore promulgated which are inconsistent with the orders herein set forth shall be and are hereby vacated to the extent inconsistent herewith.

B. Additional wells may be drilled, completed, and produced on established drilling units comprising government surveyed sections of approximately 640 acres (or other designated drilling units so long as such unit is at least 400 acres in size) to a density of no greater than two producing wells on each unit comprising a section (or other designated unit).

C. Additional wells may be drilled at the option of the operator of the unit, based upon geologic and engineering data for that unit which will justify the drilling of an additional well in order to recover additional oil, provided the additional well appears to be economically feasible.

D. Economically feasible means that a prudent operator would have a reasonable opportunity to recover the costs of drilling, completing, producing and operating the well, plus a reasonable profit.

E. It is not the intent of this order, in permitting additional wells to be drilled on established drilling units, to change or amend the existing contractual rights or relationships, express or implied, of any parties who share in production or the proceeds therefrom in the spaced area.

F. Any additional well must be located at least 1,320 feet from the existing well on the unit and not closer than 660

-8-

feet from the exterior boundary of the unit. No two wells may be drilled in any drilling unit within the same governmental quarter section or equivalent lot.

G. If an operator elects to initially complete a well solely within producing formations that are separate and distinct from and not in communication with any other producing formation, the operator will use reasonable precautions in order that such well is not completed in any producing formation that may be effectively drained by any other well.

H. Second or test wells drilled under previous orders as well as additional wells to be drilled under this order may be produced simultaneously with initial wells.

I. The Board retains exclusive and continuing jurisdiction of all matters covered by this order and of all parties affected thereby and particularly that the Board retains and reserves exclusive and continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable regulations.

ENTERED this 17th day of April, 1985.

STATE OF UTAH BOARD OF OIL, GAS AND MINING

Chairman ILLIAMS,

APPROVED AS TO FORM:

MARK C. MOENCH Assistant Attorney General

Form OGC-3a	DEPARTM	•···•	F UTAH TURAL RESOUR			PLICATE ions on e)	*			
			GAS, AND MININ	•		5.	Lease Design	nation a	nd Seria	No.
	Dividie			-			Fee Lea	se		
APPLICATI	ON FOR	PERMIT T	O DRILL, DEE	PEN, OR I	PLUG BAC	CK 6.	If Indian. A Not App	-		Name
	DRILL			1	PLUG BACK		Unit Agreem Not App	ent Nar	ne	
b. Type of Well Oil X Well	Gas Well	Other		Single Zone	Multiple Zone	8.	Farm or Les Christe	ase Nan		
3. Address of Operato		ompany enver, Col	orado 80201	-0749	-		Well No. 2-29A4 Field and P		Wildcat	<u></u>
4. Location of Well At surface	(Report location SL, 2131' zone	clearly and in a	$ccordance with any Strice E_{4}$ 29-1S-4W			 -11	Bluebel Sec., T., R and Survey Section	or Are	r Blk. a	<u>t ひち</u> ち R4W
14. Distance in miles		rom nearest tow	n or post office*		· · · · · · · · · · · · · · · · · · ·	12	. County or	Parrish	13. St	ate
Approxi	mately 4.	0 Miles We	est of Altamon	t, Utah			Duchesr	ne	Ut	ah
15. Distance from pu- location to neare	roposed* st			No. of acres in 1		No. of acto this we				
Also to nearest of	Irlg. line, if any	1425		640			$\frac{TWO}{cable tools}$	Well	<u>s Per</u>	<u>Section</u>
 Distance from pr to nearest well, d or applied for, on 	lrilling, complete	3100	~	Proposed depth 5,300' WS		Rotar	у			
21. Elevations (Show	whether DF, RT	, GR, etc.)				2	2. Approx. o			
6551' G	iR						Decembe	er 1,	1991	
23.		1	PROPOSED CASING A	ND CEMENTING	PROGRAM					
Size of Hole	Size	of Casing	Weight per Foot	Setting	Depth	<u> </u>	Quantity of	of Cerner	nt	

Size of Hole	Size of Casing	Weight per root	Setting Depth	Quality of cement
 17-1/2"	13-3/8" Steel	Conductor	0- 200'	150 sx Redimix Circ. to Surf.
 12-1/4"	9-5/8" J-55	36#	0- 6,000'	<u>900 sx Circ. to Surface</u>
 8-3/4"	7 "N-80	26#	0-13,200'	1500 sx Class "H" Nitrate Foam
6-1/8"	5 " S-95 Li	ner 18#	13,000'15,300'	500 sx 50/50 Pozmix

PLEASE REFER TO ATTACHED DRILLING PROGNOSISTECHNICAL REVIEW

• '

Engr.

Surface

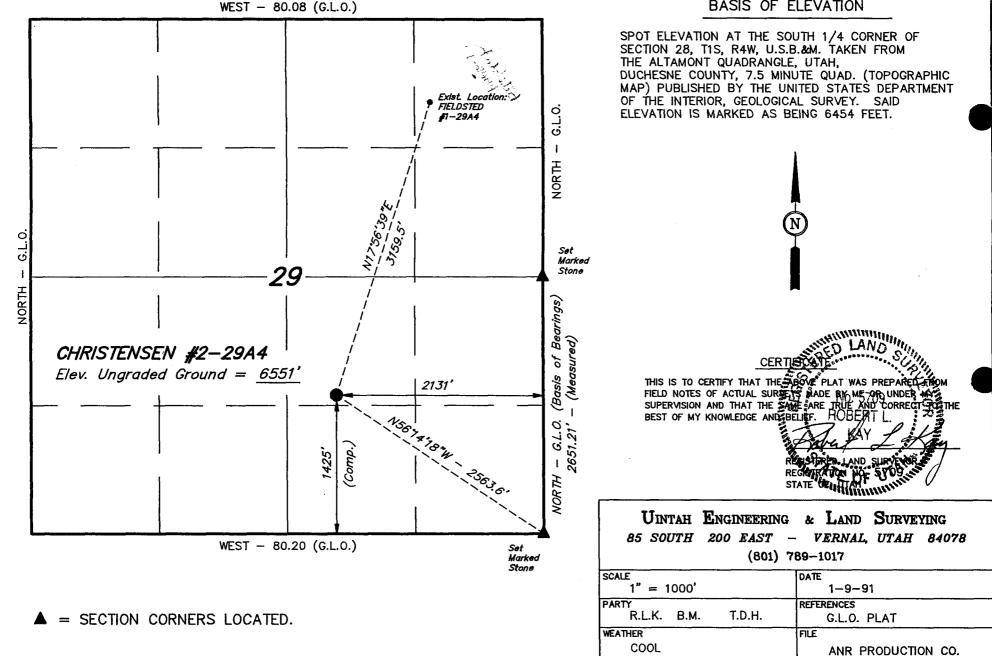
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed Sale Fortganen	Title Authorized Agent	Date Feb. 13, 1991
(This space for Federal or State office use) API Permit No. 43-013-31303	Approval Date OF UTA	D BY THE STATE
Approved by Conditions of approval, if any:		S, AND MINING 3-11-91
• S	ee Instructions On Reverse Side ELL SPA	Matthew CING: 139-42

ANR PRODUCTION CO.

Well location, CHRISTENSEN #2-29A4, located as shown in the NW 1/4 SE 1/4 of Section 29, T1S, R4W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION



T1S, R4W, U.S.B.&M.

ANR PRODUCTION COMPANY

#2-29A4 Christensen NW¹/₄SE¹/₄ Section 29, T1S, R4W Duchesne County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Tertiary (Uinta/Duchesne)	Surface
Lower Green River	9,100'
Wasatch	10,500'
Total Depth	15,300'

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

Lower Green River-Wasatch 9,100-15,300' Oil/Gas (Primary Objective)

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: (Schematic Attached)

Type : 11" Double Gate Hydraulic with one (1) blind ram (above) and one (1) pipe ram (below) and 11" Annular Preventer; equipped with automatic choke manifold and 11" casing head.

Pressure Rating : 5000 psi BOP, 5000 psi choke manifold, 5000 psi Annular Preventer and 5000 psi casing head.

4. Mud Program:

Interval	Туре	Weight	Viscosity	Fluid Loss
0- 3,000'	Native Mud	8.5-9.0	35-50	No Control
3,000-15,300'	Gel/Polymer	12,0-15.0	35-45	10-12 cc's/less

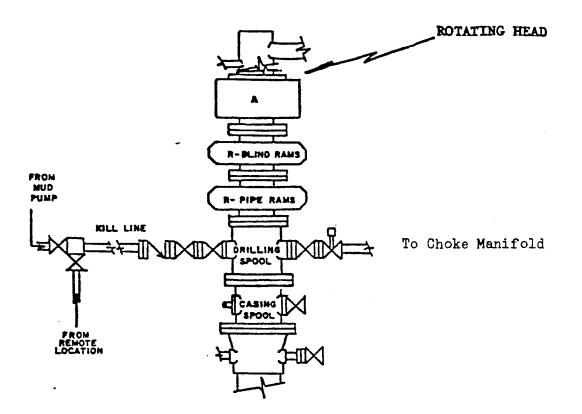
5. Evaluation Program:

Logs	:	DIL-GR-SP	-	15,300'-9,000'
		BHC-Sonic-GR	· _	15,300'-9,000'

DST's : None Anticipated.

Cores : None Anticipated.

Evaluation Program may change at the discretion of the wellsite geologist.



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below. test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

ANR PRODUCTION COMPANY

#2-29A4 Christensen NW₄SE₄ Section 29, T1S, R4W Duchesne County, Utah

Supplement to Application for Permit to Drill

1. Location and Type of Water Supply:

A. Dalbo Trucking will supply water from the Lake Fork Canal located in the NE¹/₄ Section 34, Township 1 South, Range 4 West; Permit #43-9966; Application #T62344.

2. Methods of Handling Water Disposal:

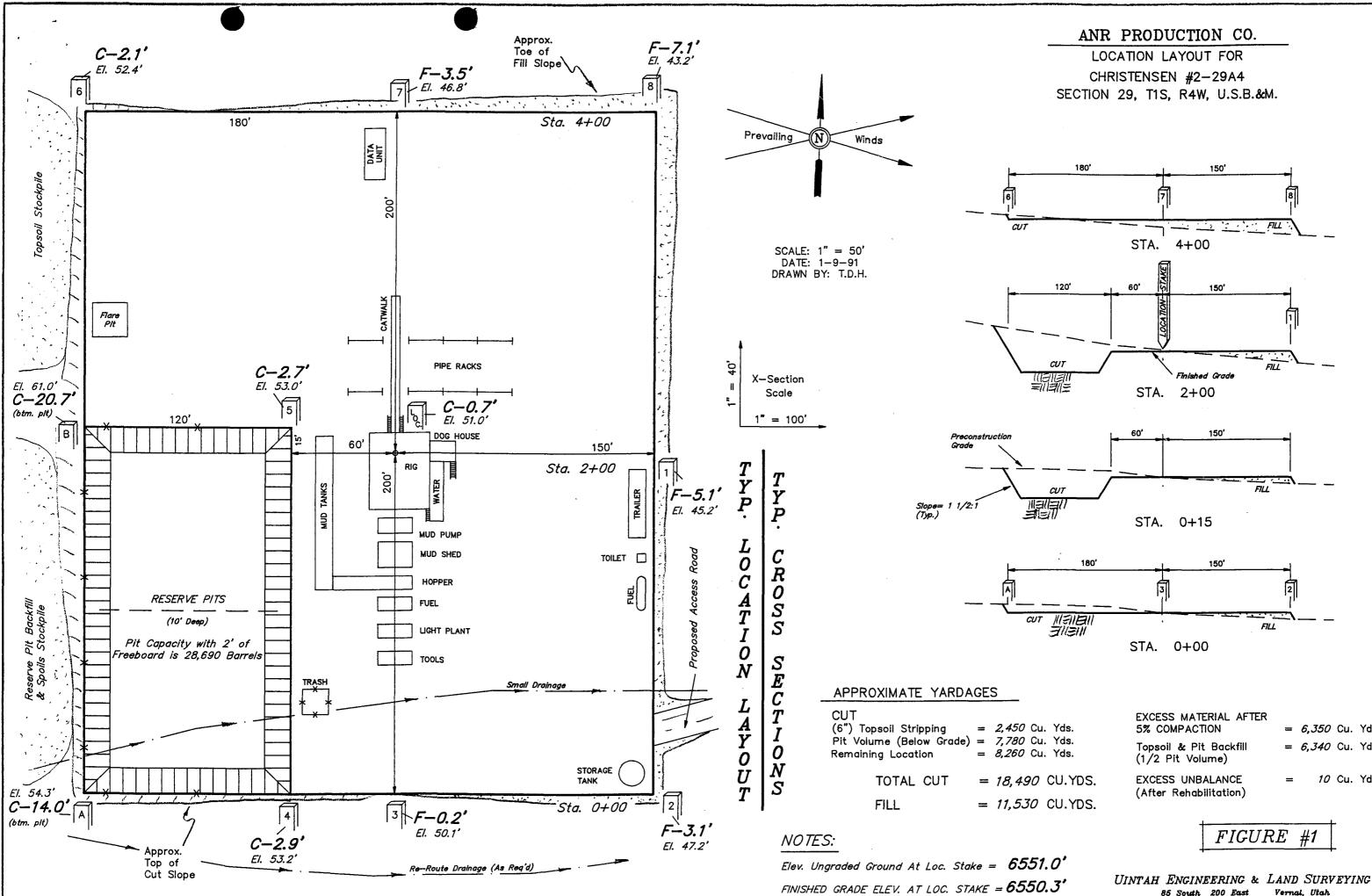
- A. Sewage self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, the holding tanks will be pumped and the contents disposed of in a municipal sewage treatment facility or other authorized disposal facility.
- B. Garbage and other waste materials all trash will be contained in a portable trash cage. Upon completion of operations, all trash will be hauled to an approved sanitary landfill.
- C. Cuttings and drilling fluids the cuttings will be deposited in the reserve pit. Drilling fluids will be contained in reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground surface on the lowest point within the pit. The reserve pit will be lined.
- 3. Plans for Reclamation of the Surface:
 - A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit dries. Waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit dries.
 - B. Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). All disturbed surfaces (including access road and well pad areas) will be reseeded using the seed mixture recommended by the Surface Owner. Seed will be drilled on the contour to an approximate depth of 1/2 inch.
 - C. Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock and wildlife from becoming entrapped, and the fencing will be maintained until leveling and cleanup are accomplished.

ANR Production Company #2-29A4 Christensen Supplement to Application for Permit to Drill Page 2

3. Plans for Reclamation of the Surface: Continued

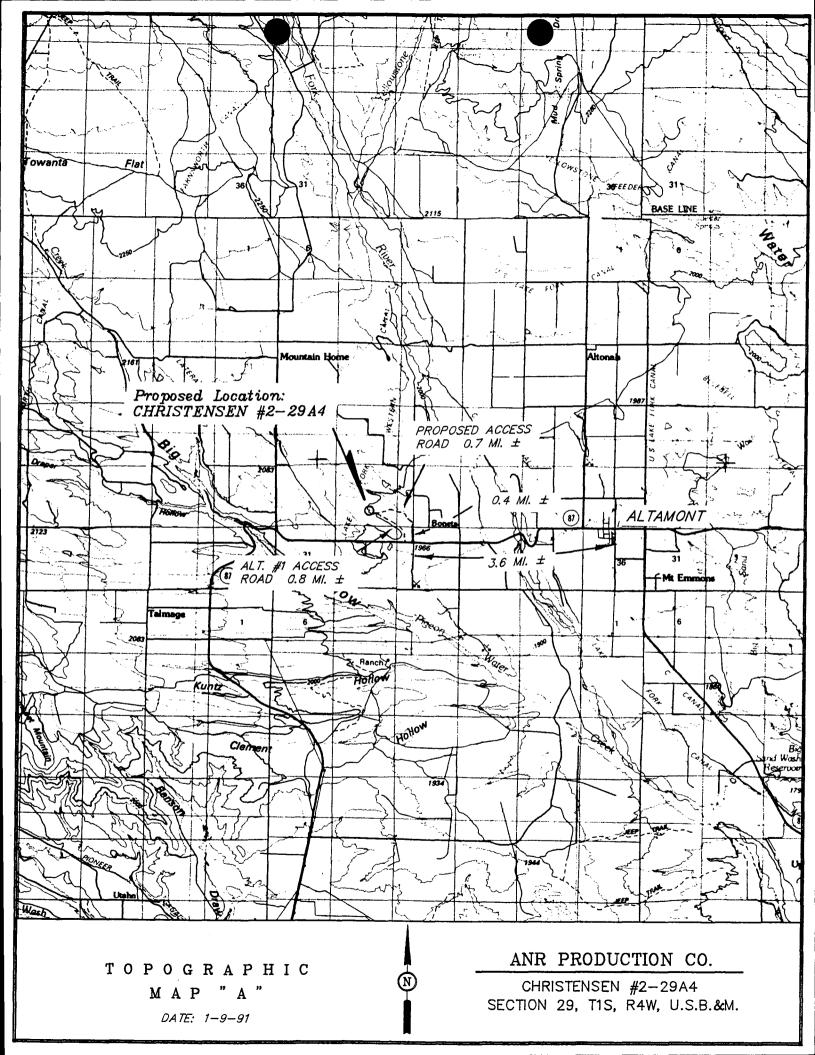
- D. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- E. The reclamation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Rehabilitation operations should be completed by the Spring of 1992.
- 4. Other Information:
 - A. The surface is owned by Zane Christensen. ANR Production Company has agreed to his requirements as to the rehabilitation of the surface.

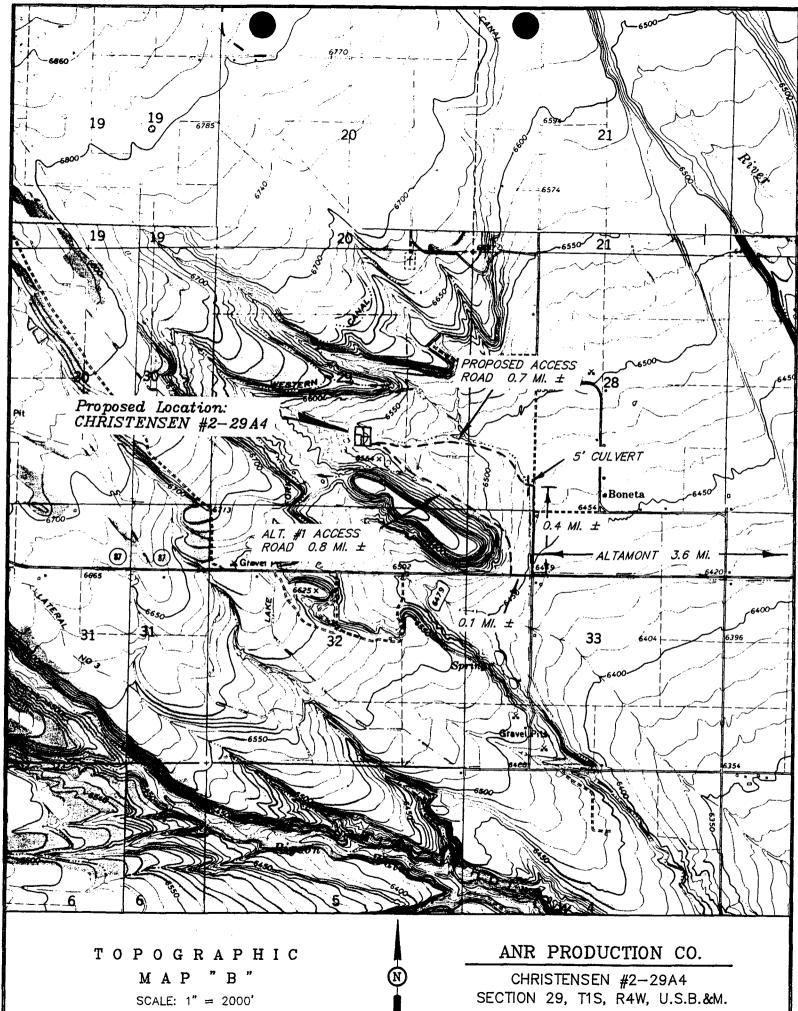
Zane Christensen P. O. Box 16 Talmage, Utah 84073 Telephone: (801) 454-3231 Home (801) 722-2558 Feed Yard



u. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	=	6,350	Cu.	Yds.
u. Yds. u. Yds.	Topsoil & Pit Backfill (1/2 Pit Volume)	=	6,340	Cu.	Yd s .
CU.YDS.	EXCESS UNBALANCE	=	10	Cu.	Yds.
CU.YDS.	(After Rehabilitation)				
	FIGUH	7 <i>E</i>	#1	-	
1.0'	+				

85 South 200 East Vernai, Utah





DATE: 1-9-91

OPERATOR ANR Production CO N-0075 1.Q1 · DATE WELL NAME (nustrain J-29A. COUNTY SEC HUSE UA T R Ч Michilar 43.013.31303 API NUMBER TYPE OF LEASE CHECK OFF: NEAREST PLAT . IR [COASTA] WELL . . . 1005380.1 80,000 FIELD POTASH OR LEASE OIL SHALE JSBM PROCESSING COMMENTS: 11 rale within Cause 134.40 andelenes aj. 13.10001 (TU5059 mit uckra 3-1-4 staker. é APPROVAL LETTER: RS15-3-2 SPACING: R615-2-3 139.40 7-85 R615-3-3 CAUSE NO. STIPULATIONS: with synthetic - be diverted he line eserve in to rainage. alaina

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State of Utah DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Governor Dee C. Hansen Executive Director Dianne R. Nielson, Ph.D. Division Director

Norman H. Bangerter

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340

March 11, 1991

ANR Production Company P. O. Box 749 Denver, Colorado 80201-0749

Gentlemen:

Re: Christensen 2-29A4 Well, 1425 feet from the South line, 2131 feet from the East line, NW SE, Section 29, Township 1 South, Range 4 West, Duchesne County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order in Cause No. 139-42 dated April 17, 1985 subject to the following stipulations:

- 1. ANR Production Company, as designated operator, is the bonded principal in reference to this Application for Permit to Drill. Should this designation change or a transfer of ownership occur, liability will remain with the designated operator until the Division is notified by letter of a new bonded principal.
- 2. Reserve pit shall be lined with a synthetic liner.
- 3. Existing drainage is to be diverted around the location.

In addition, the following actions are necessary to fully comply with this approval:

- 1. Spudding notification within 24 hours after drilling operations commence.
- 2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
- 3. Submittal of the Report of Water Encountered During Drilling, Form 7.

Page 2 ANR Production Company Christensen 2-29A4 March 11, 1991

- 4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.
- 5. Compliance with the requirements of Utah Admin. R.6l5-3-20, Gas Flaring or Venting.
- 6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of Drinking Water/Sanitation, telephone (80I) 538-6159.
- 7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31303.

Sincerely,

J. Faith

Associate Director, Oil & Gas

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tas Enclosures cc: Bureau of Land Management J. L. Thompson we14/1-38

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

ANR Production Company OPERATOR

OPERATOR ACCT. NO. NO675

ENTITY ACTION FORM - FORM 6

ADDRESS P. O. Box 749

Denver, Colorado 80201-0749

ACTION	CURRENT	NEW	API NUMBER								
CODE	ENTITY NO.	ENTITY NO.		WELL NAME	90	SC	WELL TP	LOCATIO RG		SPUD	EFFECTIVE
٨	90000	11005	/2 012 21202				1		COUNTY	DATE	DATE
A	999999	11235	43-013-31303		NWSE	E 29	1S	4W	Duchesne	6/4/91	6/4/91
WELL 1 C	OMMENTS: F F	Fee-Lease Neld-Alfa Unit-N/A	mont (New	entity added 6-17-91) for				- -	<u>.</u>		<u></u>
WELL 2 C	OMMENTS:					_!	<u> </u>	1	<u> </u>		······
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WELL 4 CO											
	JUNNENTS:										
WELL 5 CO	DMMENTS:						<u> </u>			<u> </u>	
ACTION CO A B C D	DES (See in Establish Add new we Re-assign Re-assign	new entity 11 to exist well from o well from o	on back of form) for new well (sing ing entity (group ne existing entity ne existing entity ments section)	or unit well)		0 1991			Signature Ei Regulatory Title	leen Danni Y Analyst	Dey 6/6/91 Date
IOTE: Us	e COMMENT s	ection to e	xplain why each Ac	tion Code was selected.	DIVISI OIL GAS 8	UN OF 2 Miniini	~		Phone No. (303,573-447	
2 (00)						x waaaliy	6				

(3/89)

	DEPARTMENT OF N DIVISION OF OIL	OF UTAH IATURAL RESOURC ., GAS AND MININ	NG	6. Lease Designation and Serial Number Fee 7. Indian Allottee or Tribe Name
Do not use this form for propos	RY NOTICES AN als to drill new wells, deepe Use APPLICATION FOR P	n existing wells, or to ree	Inter clunged and shandoned wells	
L. Type of Weil XI. Oil Weil	Gas Othe	er (specify)		9. Well Name and Numper
Name of Operator				Christensen #2-29A4
ANR Production	Company			43-013-31303
	Denver, Colorad	0 80201-0749	4. Telephone Number (303) 573-4476	11. Field and Pool. or Wildcat Bluebell/Altamont
QQ. Sec. T., R., M. : NV 2. CHECK APP N	ROPRIATE BOXES	Т1S-R4W	State TURE OF NOTICE, REPO SUBSE	OUENT REPORT
	Submit in Duplicate)	truction	_ (Submit	Original Form Only)
Casing Repair			Abandonment *	New Construction
Change of Plans	Recomple	tion	Change of Plans	 Pull or Alter Casing Shoot or Acidize
Conversion to Injectio			Conversion to Injection	Vent or Flare
Multiple Completion	Vent or Fit		Fracture Treat	Water Shut-Off
Other			Cother Report of	spud
Approximate Date Work W	/ill Start		Date of Work Completion	
			Report results of Multiple Completi on WELL COMPLETION OR RECC Must be accompanied by a cam	ons and Recompletions to different reservoid OMPLETION AND LOG form.
	Drilling, Spud	surface hole (If well is directionally drilled, give subsurfac
- MIRU Leon Ross 1	Drilling, Spud	surface hole (nt details, and give pertinent dates. nt to this work.)	If well is directionally drilled, give subsurface Drilled 17-1/2" DECENVED JUN 1 0 1991
- MIRU Leon Ross 1	Drilling. Spud RU to run 13-3/8	surface hole (nt details, and give pertinent dates. nt to this work.)	If well is directionally drilled, give subsurface Drilled 17-1/2"

State of Utah DOUBLE JACK TESTING & SERVICES, INC. ALAN (801) 781-0448 B.G.F. THET REPORT TEST PERSONNED ON CONTENT TI COMPANY NAME & NUMBER: (Lastenden 2-29 A4 13-013-31303 SECTION : CHRISHEP SNGE COUNTY & STATE DRILLING CONTRACTOR AL 289 OTL COMPANY STITE REPRESENTAN RIG TOOL PUSHER TESTED OUT OF TELEPOOL NUTIFIED PRIDE TO TEST COPIES OF THIS TEST READERT SENT TONGS 232 of Uhsh

ORIGINAL CHART & TESTOREPORT ON FILE AT femal Office

TESTED BY: Killer

MERLE SECT PERCINC LARGENTERS, THC.

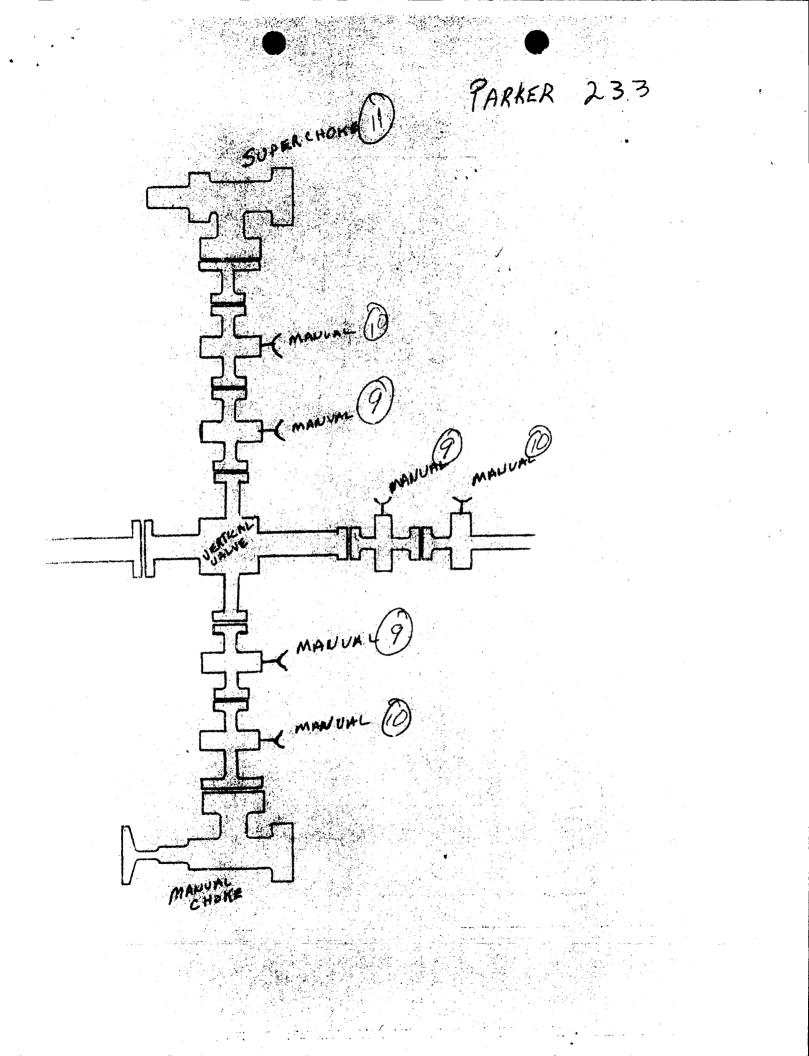
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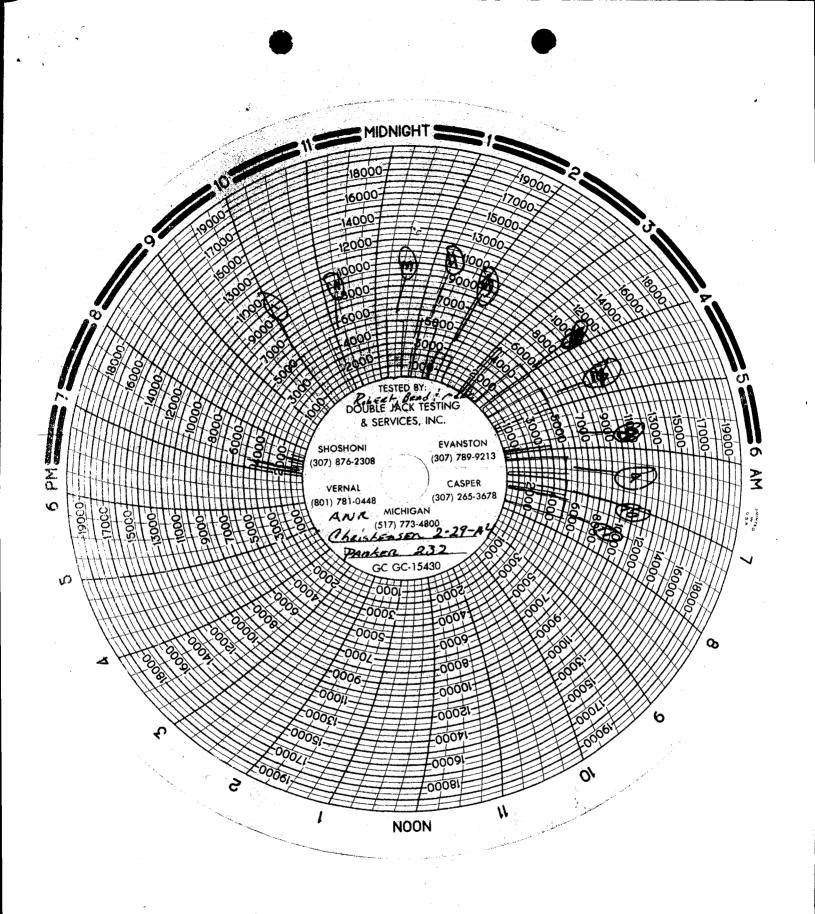
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TEST DATE RIG NAME & COMPANY LEASE AND WELL MAME 232 2. 37 54 0 ___ Lacher ANR Production Olin TEST # US TO US TAIL MALIC \mathcal{D} 15 10 a KIA (Z) HC.K 3 130 12 57 10 ke Line Ð 7:53 10 8:05 S 8/27.7.22 44 264 9:03 To 9:13 12 ann 41 Ö D 925 To 935 7 Loca Malue 9127 To 933 T. T. IN D Chake, Chur D 9:54 7010:04 and mus : Autside Uroke D 10:08 76 1078 1020 To 10:30 Sunder Chicke $\widehat{\mathcal{M}}$ 61.1 25

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DOUBLE JACK TESTING & SERVICES	, IMC.
PHONE (801) 781-0448	
B.O.P. TEST REPORT	
B.O.P. TEST PERFORMED ON (DATE) 7-23-9/	
ON COMPANY ANK. Froduction	
WELL NAME & NUMBER Christesen 2-29A4	43-013-31303
SECTION <u>29</u>	
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ORIGINAL CHART & TEST REPORT ON FILE AT: Uernal Office

TESTED BY:

MARK Abbott

DOUBLE JACK TESTING & SERVICES, INC. P 0 90X 828 VERNAL, UT 84079-0828



state

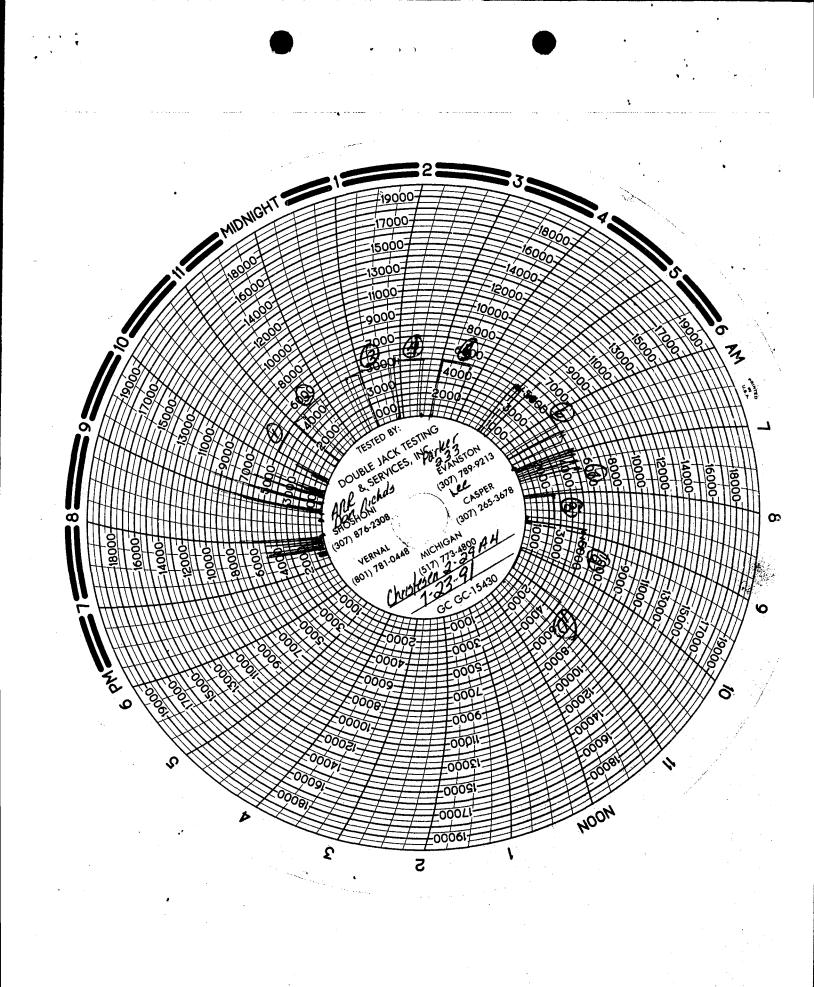
DIVISION OF OIL GAS & MINING

	COMPAN	Y WELL	NAME AND LEASE # TEST DATE RIG NAME & NUMBER
	AAA		
•	ARK	Christe	sen 2-29 A4 1-23-91 Parker 233
	TEST #	TIME	INFORMATION
		2:30-2:40	Inside Choke Manifold
	2	2:41.2:50	Dutside Chove Manitala
	3	3:32-3:42	Lower Koll
	4	2.56-4 N	Toper Kall
	5	500-540	TILL
	6.	10:00-6:10	Pipe rams 1stk/11 + 1st choke
	7	6:35-6:45	Vine cama share I + HCP
	8	1.48-6:38	HVARIT A CHI FICK
	4	7:5-7:20	Bunds, check ulu + super Choke
	10	A:10-8:15	Dart Thir.
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WELL COMPLETION OR RECOMP I. TYPE OF WELL: MEW WELL GAS WELL GAS WELL GAS WELL GAS WELL GAS WELL GAS WELL GAS MEW OF COMPLETION: MEW OVER DEEP PLUG DAGK PLUG DAGK PLUG DAGK PLUG DAGK PLUG DAGK PLUG DAGK PLUG DAGK PLUG DAGK DEEP PLUG DAGK DAGK DAGK DEEP PLUG DAGK DA	DIFF.	Other	AND LO	N/A 7. UNIT AG N/A S. FARM OF	AN, ALLOTTEE OR TRIBE NAM Recment Name
Image: Type of well: oil well is of well b Type of completion: well is well well is of officient plug is of plug 2. Name of officient plug is of plug ANR Production Company 3. Accases of officient P. 0. Box 749 Denver, CO 80	DRT	Other		N/A 7. UNIT AG N/A S. FARM OF	
L TYPE OF COMPLETION: MEW PLUG WELL OVER EN PLUG 2. NAME OF OPERATOR ANR Production Company 3. ADDALES OF OPERATOR P. 0. Box 749 Denver, CO 80	_			N/A S. FARM 02	
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ANR Production Company 3. ADDRESS OF OFESATOR P. O. Box 749 Denver, CO 80					
3. ADDRESS OF OPESATOR P. O. Box 749 Denver, CO 80					ensen
				9. WELL N	
	201-0749	(30)	3) 573-44	$\frac{2-29A4}{19}$	AND POOL OF WILDCAT
4. LOCATION OF WELL (Report location clearly and in accor	dance with an	iy State require	ementa)		nt/Bluebell
At surface 1425' FSL & 2131' FEL At top prod. Interval reported below Same as	ahove				. R. M., OR BLOCK AND SORTET
At total depth Same as above.				Sec. 2	9, T1S-R4W
	4. API NO.	C	DATE ISSUED	12. COUNTY	13. STATE
15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COS	3-013-31		3/11/91	Duches	
<u>_6/4/91</u> 8/12/91 8/24/ ¹				OF. AEB. AT. GR. ETC.)	19. ELET. CASINGHEAD
20. TOTAL DEPTS. MD & TYD 21. FLUG BACK T.D., MD & TYD	22. IF MUL	TIPLE COMPL.	573' KB,		OLS CARLE TOOLS
15,300' 15,255'	Ном и			SFD-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOT	TOM. NAME (M	AD AND TYD)			25. WAS DERECTIONAL
13,953'-15,239' (Wasatch)	١				SURFET MADE
					No
DIFL/GR. DAC/GR. BHC Acoustilog/GI	R 8.27-9		LL STEN TEST Y	ES HO (Salmas antipais) ES NO See reverse side	, ,
CASING SIZE WEIGHT. LE./FT. DEFTE SET (M)	RECORD (Repe	ort all strings . LE SIZE			
				LENTING RECORD	AMOUNT POLLED
<u>-13-3/8'' 54# 240'</u> <u>-9-5/8'' 40# 6034'</u>		$\frac{-1/2^{12}}{-1/4^{12}}$	<u> </u>	'G'' + Add	None
		-1/4	1000 SX		None
			······		
9. LINER RECORD			30.	TUBING REC	ORD
	S CENENT	SCREEN (MD)		DEFTE SET (M	(D) PACEER SET (MD)
	1750		2-7/8	" 13,100'	13,100'
5" 13,024' 15,298'	280	32.	LOD SHOT		
Perf'd 13,953'-15,239' using 3-1/8	011	DEPTH INTE		FRACTURE, CEMEN	T SQUEEZE, ETC.
gun w/3 SPF, 81 settings, 243 tota			-15,239'	The second s	15% HCl w/Add &
	ar nores.			<u>366 B.S.</u>	1970 HOL W/Haa a
3.	BRAD	UCTION			
TE FIRET PRODUCTION PRODUCTION METHOD (Flowing			d type of pum	P) WELL	ETATUS (Producing or
8/23/91 Flowing				*Au	Producing
	ST PERIOD	011-081.	GAS-HC	F. #ATER	GAS-OIL BATIO JAN
	>	850	510	32	6000 600
8/24/91 24 17/64"	L	GAS-MC		WATER-SEL	OIL GRAVITT-API (CORE.)
OW. TURING PRESS. CASING PRESSURE CALCULATED OF	050		1 I	32	40.8
AW. TURING PRESS. CASING PRESSURE CALCULATED OF	850	510	,		
AW. FUSING FREES. CASING PRESSURE CALCULATED OF 3050 N/A 24-BOUR RATE DISPOSITION OF GAS (Sold, weed for fuel, vented, etc.)	850	510	/l	TEST WITNES	
AW. FUSING FREAL CASING PRESSURE CALCULATED OF 3050 N/A 24-BOUR RATE DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold LIST OF ATTACEMENTS		510	·l		
AW. FURING FREES. CASING FREESURE CALCULATED OF 3050 N/A 24-BOUR RATE A. DIRPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold . LIST OF ATTACEMENTS Chronological Histor	ry		l	M. Bozar	cth
AW. TUBING FREME. CASING PRESSURE CALCULATED OF 3050 N/A 24-BOUR RATE DIRPOSITION OF CAS (Sold, used for fuel, vented, etc.) Sold LIST OF ATTACEMENTS	ry		l	M. Bozar	cth
AW. FUSING FREME. CASING PRESSURE CALCULATED OF 3050 N/A 24-BOUR RATE DISPOSITION OF CAS (Sold, used for fuel, vented, etc.) Sold LIST OF ATTACEMENTS Chronological Histor	ry tion is complet		as determined	M. Bozar	cth

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FORM 8

Is. If not filed prior to this time, all logs, his report. es on this form and on any attachments. cone (multiple completion), so state in item 22, aly the interval reported in item 33. Submit a separately produced, showing the additional data any multiple stage cementing and the location of uced (see instruction for items 22 and 24 above).	GEOLOGIC MARKERS		Heas. Depth Irue Vert.Depth ET 6,272' et 10,302' 11,628'
iles. If not fil this report. ces on this form zone (multiple of only the interval separately produ any multiple sta duced (see instru	38.	Name	Green River Fr L. Green River Wasatch
This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report. ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments. ITEM 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producinginterval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval. TIEM 23: "Sates Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. TIEM 23: "Submit a separate completion report on this form for more than one interval to be separately produced, showing the addition of the cementing tool. TIEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).	UMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool ppen. flowing and shut-in pressures, and recoveries.	Description, contents, etc.	· · · · · · · · · · · · · · · · · · ·
d in complia ys as requir: tion is used l is completu ducinginterve ducinginterve ducinginterve ached supplem mpletion repo	of porosity , including d and shut-in p	Bottom	
d be complete ectional surve te which eleva : If this wel show the pro (page) on th (page) on th cement": Atti ol. a separate co	SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents and all drill-stem tests, including depth interval time tool ppen. flowing and shut-in pressures. and	19P	
This form should be completed in compliance with the tests, and directional surveys as required by Utah Rull ITEM 18: Indicate which elevation is used as reference ITEM 22 and 24: If this well is completed for separata and in item 24 show the producinginterval, or interviseparate report (page) on this form, adequately identipertinent to such interval. ITEM 29: "Sacks Cement": Attached supplemental records the cementing tool. ITEM 29: "Sacks Cement": Attached supplemental records the cementing tool. ITEM 23: Submit a separate completion report on this fo	37. SUMMARY OF P Show all im and all dri time tool o	Formation	

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INSTRUCTIONS

NW/SE SECTION 29-T1S-R4W

CHRISTENSEN #2-29A4 ALTAMONT/BLUEBELL DUCHESNE COUNTY, UTAH PARKER #233/UNIBAR WI: 53.701% ANR AFE: 63585 ATD: 15,300' (WASATCH) SD: 6/13/91 CSG: 13-3/8" @ 240' GL; 9-5/8" @ 6034' DHC(M\$): 1,520.2 5/29/91-Building location. Will spud Monday, June 10, 1991. 6/3/91 6/4/91 Bldg location. Will spud Monday, 6/10/91. Moving in surface hole rig today. CC: \$371. 6/5/91 Drilling conductor hole. Spud w/Leon ross Drilling @ 1:00 P.M., 6/4/91. dRILLING 17-1/2" hole. Will spud Monday, 6/10/91. CC: \$11,342. 250' RU to run 13-3/8" csg. Drlg 17-1/2" cond hole to 250'. Bldg access road. Will spud Tuesday, 6/11/91.~ CC: \$11,713. 6/6/91 6/7/91 250' MIRT. Will spud Tuesday, 6/11/91. Heavy rains delaying work on access road. CC: \$17,715. 6/8/91 MIRT. Will spud Tuesday, 6/11/91. 250' MIRT. Ran 6 jts (240') 13-3/8" 54# J-55 ST&C, used csg. Cmt w/Howco: 300 sx "G" w/2% CaCl₂ 15.6 ppg, 1.18 cu ft/sk. Displace w/27 bbls. Good returns. 6/9/91 20 bbls cmt to surface. Job complete 6:40 p.m., 6/7/91. Heavy rains. CC: \$25,647. 6/10/91 250' MIRT. WO crane Sunday, arrived 6:30 p.m. Will spud Wednesday, 6/12/91. CC: \$31,325. 6/11/91 250' GL RURT. Will spud Wed., 6/12/91. CC: \$83,207. 6/12/91 274' KB RURT Will spud Thursday, 6/12/91. CC: \$83,578. 274' RURT. Will spud today. CC: \$95,622. 6/13/91 274' Changing out rotary tables. RURT. PU BHA. Spud @ 5:00 p.m., 6/13/91. Drill cmt from 204-214'. Rotary table locked. change rotary table. CC: 6/14/91 \$106,661. 1190' Drlg 916'/15.5 hrs. Replace rotary table. Drlg cmt from 214' to 274'. Drlg w/FW. Weld air by-pass lines. Drlg, svy, drlg. Fill hole w/FW. Drlg w/air mist. 2000 CFM 12 GPM w/300#. MW 8.4, VIS 27, pH 10.0. Svys: 1-3/4 deg @ 415'; 6/15/91 1-1/2 deg @ 715'. CC: \$118.276. 1985' Drlg 795'/17 hrs. Drlg w/air mist. Svys: 1-1/2 deg 0 1220'; 1 deg 0 1705'. Drlg, RS, drlg w/air mist. Drlg w/FW, no returns. POH, TIH & PU 6 - 8-1/2" DC's. Wash and ream from 1761' to 1871'. Drlg w/FW, no returns. MW 8.4, VIS 27, pH 10.5, ALK .15/.2, CL 500, CA 56. CC: \$134,846. 6/16/91 3025' Drlg 1040'/23 hrs. Drlg w/FW, no returns. Svy: 1 deg @ 2202'; 1-1/2 deg @ 2700'. Drlg w/aerated wtr, 1000 SCFM, 245 GPM, svy. Drlg, FW, no returns. Aerated wtr, pH 11.5, ALK .2/.25, CL 400, CA 72. CC: \$143,593. 6/17/91 3780' Drlg 755'/23 hrs. Drlg w/wtr, no returns. Svy, drlg w/aerated wtr, 800 CFM & 329 GPM, 1400 psi. Svy, drlg w/wtr, no returns. Svy: 2 deg @ 3200'; 1-3/4 deg @ 3690'. MW 8.4, VIS 27, WL N/C, PH 11.5, ALK .3/.4, CL 400, CA 120. CC: 6/18/91

4255' Drlg 475'/17.5 hrs. Drlg w/wtr, no returns. Work tight hole 3815'. Drlg w/wtr, no returns. Work tight hole @ 3941'. Drlg w/aerated wtr, 800 SCFM, 329 GPM, 1300 psi. Svy: 1-1/2 deg @ 4150'. TFNB. TIH, wash & ream 45' to btm, 15' 6/19/91 fill. Drlg w/wtr - no returns. MW 8.4, VIS 27, WL N/C, PH 11.5, ALK .3/.4, CL 350, CA 160. CC: \$164,924.

\$153,200.



CHRISTENSEN #2-29A4 ALTAMONT FIELD DUCHESNE COUNTY, UTAH

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- PAGE 2
- 6/20/91 4945' Drlg 690'/23 hrs. Drlg w/wtr, no returns. RS, drlg (4 hrs w/wtr, 8 hrs w/aerated wtr). Svy: 2 deg @ 4655'. Aerated wtr, PH 12.0, ALK .5/.6, CL 400, CA 200, 800 SCFM. CC: \$174,786.
- 6/21/91 5492' Drlg 547'/22.5 hrs. Drlg w/aerated water. RS, work tight hole @ 5114'. Drlg 2-1/2 hrs w/aerated wtr. Drlg 4 hrs w/wtr w/partial returns. Chg rot hd rubber, svy: 1-1/2 deg @ 5235'. MW 8.4, VIS 27, WL N/C, PH 11.0, ALK .15/.20, CL 400, CA 60. CC: \$234,341.
- 6/22/91 5907' TIH 415'/20 hrs. Drlg w/50% returns. POH for press loss 450#, SLM. X/O from DP to DC's cracked. TIH. Drlg w/wtr. MW 8.4, VIS 27, PH 11.5, ALK .3/.4, CL 400, CA 100. CC: \$251,517.
- 6/23/91 6035' Cementing 128'/8 hrs. Wash and ream 60' to btm. 10' of fill. Drlg, mudded up @ 5950'. Circ & cond for csg. Drop svy. TOH, RU Westates LD mach. LD 12 8-1/2" DC's. RU csg crew. Run 142 jts 9-5/8", 40# CF95 LT&C (6040.47'). RU Howco. Wash csg 25' to btm. Circ, cmt. Svy: 2-1/4 deg @ 6035'. MW 8.6, VIS 33, WL 20.8, PV 6, YP 6, 0% OIL, TR LCM, 1% SOL, PH 10.0, ALK .2/.3, CL 400, CA 8, GELS 2, 10" 4, CAKE 2. CC: \$447,758.
- 6/24/91 6035' NU BOP and manifold. Finish cmt w/Halliburton. Pump 20 BW, 20 SF & 20 BW. Lead w/1100 sx Silicalite cmt w/4% gel, 4% CaCl2, 0.3% Halad 413, 3#/sk Capseal & 1/2#/sk Flocele. Wt 10.5 ppg, Yd 3.59 cu ft/sx. Tail w/300 sx Class "G" cmt w/1% CaCl2 & 1/4#/sk Flocele and 1#/sk Capseal, wt 15.6 ppg yd - 1.18 cu ft/sx. Drop plug and displace w/455 BFW. Bump plug to 1300 psi. Floats held. No cmt returns to surface. Had 50% returns throughout job. WOC and pump top job w/330 sx Class "G" cmt w/3% CaCl2. Wt 15.6#/gal, yd - 1.18 cu ft/sk. Tail w/100 sx Thixotropic cmt w/3% CaCl2. 12#/sk Gilsonite, 3#/sx Capseal and 1/2#/sx Flocele, wt 13.6#/gal, yd - 1.82 cu ft/sx. Good cmt to surface. Cut off 13-3/8" and 9-5/8" csg & weld on wellhead. Pressure test wellhead to 1500 psi - 10 min/0K. NU BOP and manifold. CC: \$524,885.
- 6/25/91 6370' Drlg 335'/7.5 hrs. Test BOPE to 5000#, 10 min. OK. Hydril to 2500#, 10 min - OK. PU bit, BS, SS and Magnaflux 15 DC's in derrick, change out jars. PU 12 DC's and TIH. Drlg cmt & float @ 5998'. Test csg to 2000# for 10 min - OK. Drlg cmt & shoe. Drlg w/air mist. 2200 CFM, 18 GPM w/400#. Air mist, MW 8.4, VIS 27, PH 10.5, ALK .03/.15, CL 400, CA 60. CC: \$539,933.
- 6/26/91 6767' Drlg 396'/17.5 hrs. Drlg w/air mist (2200 CFM & 400 psi). Fill pipe and TOH for string float. Service rig & svy. TIH BHA and wash & ream from 6128' to 6570'. Drlg w/wtr. Svy: 2-1/4 deg @ 6580'. Drlg w/aerated wtr. Uintah, 70% SH, 30% SDST, BGG 5 U, CG 10 U, no shows. MW 8.4, VIS 27, PH 11, ALK 0.2/0.3, CL 600, CA 56. AIR 1000 CFM. CC: \$550,139.
- 6/27/91 7081' TIH w/bit #5. 315'/18 hrs. Drlg w/wtr. RS & chk BOP. Drlg w/aerated wtr - 1500 CFM @ 750 psi. Svy (misrun) & TOH w/BHA. Chg bit & chk blind ram. TIH w/bit #5. Uintah, 50% SH, 50% SD. Show #1 from 6768-6774', MPF 5-2-3.5, gas units 5-80-10, no show; show #2 from 6995-7005', MPF 3.5-1.5-3.5, gas units 4-40-10, TR light brn oil, 5% FL TR of cut. BGG 5, CG 15 U. MW 8.4, VIS 27, PH 10.5, ALK 0.3/0.7, CL 800, CA 48, AIR 1500 CFM. CC: \$560,307.
- 6/28/91 7461' Drlg 380'/20.5 hrs. TIH w/bit. fill pipe and wash & ream 50' to btm. Circ & svy. Drlg w/AW. RS, drlg w/AW. Svy: 2-3/4 deg @ 7059'; 3 deg @ 7310'. MW 8.4, VIS 27, WL N/C, PH 11.5, ALK 1.1/1.5, CL 1200, CA 68, AIR 200 CFM. CC: \$579,725.
- 6/29/91 7670' Drlg 209'/13.5 hrs. Drlg w/AW. RS & check BOP. Drlg w/AW. Svy, drlg w/AW. Load hole w/wtr & circ. TOH w/BHA, chng out bit, check BOP & TIH w/DC. Cut drlg line. TIH w/bit #6. Wash & ream 26' to btm. Drlg w/AW. Green River, 60% SDST & 40% SH, BGG 120 U, CG 1800 U, TG 400 U. Show #3 from 7444'-7452', MPF 5-3.5-5.5, gas units 20-1000-250, fair show of brown oil, tr FL & weak cut; show #4 from 7618'-7629', MPF 4-2.5-4, gas units 95-400-150, no oil show, FL or cut. Svy: 3 deg @ 7570'. MW 8.4, VIS 27, PH 10.5, ALK 1.5/3.5, CL 2100, CA 16. AIR 2000 CFM. CC: \$594,102.

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- 6/30/91 8060' Drlg 390'/23 hrs. Drlg w/AW. RS & check BOP. Drlg w/AW. Svy, drlg w/AW. Green River, 30% SH, 70% SDST, BGG 50 U, CG 375 U. Show #5 from 7722'-7728', MPF 3.5-2-3.5, gas units 50-250-50, no show; show #6 from 7744'-7752', MPF 4-1.5-3, gas units 50-175-50, tr brown oil, tr FL & fair cut; show #7 from 7780'-7786', MPF 3-4.5-3, gas units 50-160-50, tr brown oil, tr FL and fair cut. Svy: 2-3/4 deg @ 7820'. MW 8.4, VIS 27, PH 11, ALK 2.4/5.0, CL 2600, CA 20. AIR 1000 CFM. CC: \$602,656.
- 7/1/91 8451' Drlg 391'/23 hrs. Drlg w/AW. RS & check BOP. Drlg w/AW. Svy, drlg w/AW. Green River, 90% SH, 10% SDST, BGG 200 U, CG 1220 U. Show #8 from 8018'-8024', MPF 3-1-2.5, gas units 50-300-100, tr brown oil, no FL & wk cut; show #9 from 8036'-8044', MPF 2.5-1-2.5, gas units 100-1000-100, tr brown oil, no FL & wk cut; show #10 from 8191'-8219', MPF 4.5-3.5-3.5, gas units 40-250-50, tr brown oil, tr FL & wk cut; show #11 from 8342'-8353', MPF 3-1.5-3.5, gas units 40-1800-60, fair amt brown oil, tr FL & wk cut; show #12 from 8357'-8366', MPF 3.5-1.5-3.5, gas units 60-300-100, fair amt brown oil, tr FL & wk cut. Svy: 2-1/2 deg @ 8315'. MW 8.4, VIS 27, PH 11.5, ALK 2.8/5.3, CL 3800, CA 16. AIR 1000 CFM. CC: \$612,341.
- 7/2/91 8813' Drlg 362'/23.5 hrs. Drlg, RS, drlg. Green River, 90% SDST, 10% SH, BGG 500 U, CG 1000 U. Drlg Brks: Green River from 8604'-8610', MPF 4.5-1.5-4.5, gas units 600-900-600, tr blk oil, 30% fluor, wk cut; Green River from 8662'-8688', MPF 3.5-1.0-3.5, gas units 600-1600-650, no oil, fluor, cut; Green River from 8730'-8746', MPF 4.5-1.5-3.5, gas units 500-1000-500, tr blk oil, tr fluor, weak cut. MW 8.4, VIS 27, WL N/C, PH 11.5, ALK 3.1/6.9, CL 5000, CA 12. CC: \$621,424.
- 7/3/91 9016' Drlg 203'/9.5 hrs. Drlg, POOH, svy. Chng BHA, TIH, tight @ 8018'. Wash & ream 8018'-8832'. Drlg. Green River, 60% SH, 20% SDST, 20% LS, BGG 450 U, CG 600 U, TG 2380 U. Svy: 4 deg @ 8802'. MW 8.4, VIS 27, WL N/C, PH 11.5, ALK 3.8/7.0, CL 5200, CA 10. CC: \$640,091.
- 7/4/91 9384' Running survey. 368'/22.5 hrs. Drlg, svy, RS. Drlg, svy. Green River, 90% SH, 10% SDST, 10% LS, BGG 300 U, CG 350 U. Svys: 3-1/2 deg @ 8990', 3-1/2 deg @ 9339'. MW 8.5, VIS 27, PH 12.5, ALK 3.8/6.8, CL 5200, CA 24. CC: \$655,708.
- 7/5/91 9679' Drlg 295'/23.5 hrs. Drlg, RS, drlg. Green River, 50% SH, 40% LS, 10% SDST, BGG 300 U, CG 400 U. Drlg brks: Green River from 9398'-9410', MPF 5-3-4.5, gas units 300-1000-600, no oil, fluor, weak cut; Green River from 9440'-9460', MPF 5-2.5-5, gas units 400-1100-600, no oil, fluor, weak cut; Green River from 9512'-9520', MPF 6-3.5-6, gas units 200-600-200, no oil, fluor, cut. MW 8.5, VIS 27, WL N/C, PH 12.0, ALK 4.0/5.8, CL 5200, CA 22. CC: \$662,670.
- 7/6/91 10,013' Drlg 334'/16 hrs. Drlg. Svy: 3-3/4 deg @ 9680'. TFNB, drlg. Green River, 70% SH, 30% LS, BGG 300 U, CG 350 U, TG 3400 U. Drlg w/wtr. MW 8.5, VIS 27, PH 12.0, ALK 4.4/6.5, CL 5200, CA 40. CC: \$674,751.
- 7/7/91 10,592' Drlg 579'/22.5 hrs. Drlg, RS, drlg. Svy: 3-3/4 deg @ 10,217'. Drlg. Green River, 90% SH, 10% LS, BGG 300 U, CG 600 U. Drlg w/wtr. MW 8.5, VIS 27, PH 12.0, ALK 4.1/5.6, CL 5200, CA 12. CC: \$681,344.
- 7/8/91 11,167' Drlg 575'/22.5 hrs. Drlg, RS, drlg. Svy: 3-1/2 deg @ 10,735'. Drlg. Green River, 90% SH, 10% LS, BGG 1200 U, CG 1450 U. Drlg Brks: 10,690'-10,710', MPF 2.5-2.0-2.5, gas units 600-1600-1000, no oil, tr fluor, wk cut; 10,962'-10,996', MPF 2.5-0.5-2.5, gas units 800-2000-1200, no oil, no fluor, wk cut. Drlg w/wtr. MW 8.5, VIS 27, PH 12.5, ALK 4.3/6.8, CL 5400, CA 8. CC: \$696,441.
- 7/9/91 11,572' TFNB 405'/21 hrs. Drlg, RS, drlg, svy, TFNB. Green River, 80% SH, 20% SDST, BGG 2800 U, CG 3500 U. Drlg brk from 11,158'-11,196', MPF 3.5-2.0-3.5, gas units 900-3600-3000, tr blk oil, tr fluor, fair cut. Drlg w/wtr. MW 8.5, VIS 27, PH 12.0, ALK 3.9/6.4, CL 5000, CA tr. CC: \$705,149.

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- 7/10/91 11,745' Drlg 173'/9.5 hrs. TOH w/BHA. Magna Flux DC (5 cracked DC's). RS, TIH w/bit. Cut drlg line. TIH w/bit. Wash & ream from 11,440' to 11,486'. TIH. Drlg in GR, 40% SH, 40% SDST, 20% LS, BGG 2500 U, CG 3500 U, TG 6100 U. Show #22 from 11,574'-11,580', MPF 3.5-2-3.5, gas units 3000-4200-2800, TR blk oil & FL, wk cut. Show #23 from 11,608-11,614', MPF 3.5-2-3, gas units 2500-400-3200, fair amt of blk oil, TR FL & fair cut; show #24 from 11,624-11,634', MPF 3.5-2-2.5, gas units 3200-4000-3000, TR blk oil & FL, fair cut. Svy: 3 deg @ 11,540'. MW 8.5, VIS 27, PH 12, ALK 3.8/6.4, CL 5000, TR CA. CC: \$725,183.
- 7/11/91 11,857' Drlg 112'/14.5 hrs. Drlg, RS, drlg, TFNB. Wash & ream 11,756' to 11,846', drlg. Wasatch top @ 11,782', 60% SDST, 40% SH, BGG 1000 U, CG 1100 U, TG 5000 U. Show #25 from 11,708-11,730' (Green River), MPF 3.5-1.5-3.5, gas units 2000-5000-4000, fair amt blk oil, 30% FL & fair cut. Drlg w/wtr. MW 8.5, VIS 27, PH 12, ALK 3.2/6.0, CL 5000, TR CA. CC: \$738,126.
- 7/12/91 12,060' Drlg 203'/23.5 hrs. Drlg, RS, drlg. Wasatch, 70% SH, 30% SDST, BGG 100 U, CG 200 U. Drlg w/wtr. MW 8.5, VIS 27, PH 12, ALK 3.6/6.3, CL 5200, CA 10. CC: \$744,890.
- 7/13/91 12,229' TFNB 169'/22.5 hrs. Drlg, RS, drlg, svy, TFNB. Wasatch, 90% SH, 10% SS, BGG 250 U, CG 450 U. Drlg brk in Wasatch from 12,086-12,095', MPF 6-2-5, gas units 100-600-200, no oil, fluor or cut; Wasatch from 12,110-12,128', MPF 8-3-5.5, gas units 160-260-210, no oil, fluor or cut. MW 8.4, VIS 27, WL N/C, PH 12.5, ALK 3.4/6.5, CL 5200, TR CA. CC: \$751,642.
- 7/14/91 12,426' Drlg 197'/15 hrs. TFNB, wash & ream 78' to btm, 10' fill. Drlg, Wasatch, 60% SH, 40% SS, BGG 300 U, CG 400 U, TG 5500 U. Drlg brk in Wasatch from 12,244'-12,250', MPF 4-2.5-5, gas units 300-800-350, TR black oil, no fluor. Svy: 3-1/2 deg @ 12,200'. MW 8.4, VIS 27, PH 12.5, ALK 2.9/5.3, CL 5000, CA 20. CC: \$765,033.
- 7/15/91 12,680' Drlg 254'/23.5 hrs. Drlg, RS, drlg. Wasatch, 60% SS, 40% SH, BGG 2000 U, CG 2500 U. Drlg brks in Wasatch from 12,536-12,550', MPF 4-2.5-7, gas units 200-6000-4500, abd drk grn oil, TR fluor and cut (made approx 200 bbls oil); Wasatch from 12,630-12,641', MPF 9-2.5-6, gas units 1800-3500-2500, drk oil, 5% fluor, wk cut. MW 8.4, VIS 27, WL N/C, PH 11.5, ALK 2.3/3.6, CL 4200, CA 20. CC: \$777,958.
- 7/16/91 12,783' TIH after tripping for hole in DP. 103'/11.5 hrs. Drlg, RS, drlg, lost 300 psi. Pump flags, POOH for hole in DP @ 61 stds + 2 singles out, crack 3-1/2" around in slip area. TIH. Wasatch, 60% SS, 40% SH, BGG 3000 U, CG 4000 U. Drlg brk in Wasatch 12,670-12,682', MPF 7.5-5-7.5, gas units 2100-3000-3000, TR drk grn oil, TR fluor, weak cut. MW 8.4, VIS 27, WL N/C, PH 11.5, ALK 2.4/3.7, CL 4000, CA 20. CC: \$789,681.
- 7/17/91 12,783' Reaming to btm @ 12,692'. TIH. Attempt to clear plugged jets. Work tight hole @ 12,708'. POOH, wet. Unplug bit - 3 pt & 5 DC. TIH, cut drlg line. Tih, wash & ream 12,349-12,692'. Wasatch, BGG 5000 U, TG 6800 U. Drlg w/wtr. MW 8.4, VIS 27, PH 11.0, ALK 2.2/3.6, CL 4000, CA 20. CC: \$796,761.
- 7/18/91 13,006' Drlg 223'/22.5 hrs. Wash & ream 12,692-12,783'. Drlg, Wasatch, 60% SH, 40% SDST, BGG 450, CG 1600. Lost 25 bbls mud @ 12,965'. MW 9.8, VIS 34, WL 9.2, PV 5, YP 4, 4.4% SOL, PH 10, ALK 1.2/2.2, CL 3400, CA 40, GELS 3, 10" 6, CAKE 2. CC: \$807,572. DRLG_BREAKS MPF GAS_UNITS 5-7.5-5 12916-920' 150-650-100 Wasatch TR yel oil, TR fluor, wk cut 5-946' 5.5-1.5-7.5 100-12936-946' 100-600-150 Wasatch TR lt brn oil, TR fluor, fair cut 12962-970' 4-9-6.5 150-800-450 Wasatch TR lt brn oil, TR fluor, wk cut

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- 7/19/91 13,176' Circ out kick on choke & build MW. 170'/20 hrs. Drlg, RS, drlg. Take kick @ 13,176' & circ on choke & build MW 8.9-9.3, SIDPP = 160 psi, 75 bbl pit gain, 25' flare. Wasatch, 10% SH, 90% SDST, BGG 800 U, CG 3200 U. MW 9.3, VIS 35, WL 8, PV 6, YP 12, 5% SOL, PH 10, ALK .7/2.3, CL 2600, CA 24, GELS 1, 10" 2, CAKE 2. CC: \$821,416. DRLG BREAKS MPF GAS UNITS 13,086-098' 5.5-2.5-5.5 400-775-400 Wasatch No oil, fluor nor cut 13,159-171' 10-3-8 800-5100-on chk Wasatch Fair incr yellow oil, 70% fluor, fair cut
- 7/20/91 13,300' Svy & prep to trip for E logs. 124'/13 hrs. Circ out gas thru chk @ 13,176'. Incr MW 8.8 to 9.3#. Drlg, circ & cond., short trip 20 stds. No tight hole. Circ & cond. for logs, svy. Wasatch, 60% SH, 40% SDST, BGG 250 U, CG 600 U, TG 5000 U. Lost 100 bbl mud to seepage. MW 9.5, VIS 38, WL 7.2, PV 10, YP 10, 4% OIL, 8% SOL, PH 11.5, ALK .5/1.3, CL 2100, CA 16, GELS 2, 10" 4, CAKE 2. CC: \$831,653. DRLG BREAKS GAS UNITS MPF 13,248-258' 6.5-2.5-7.5 300-600-300 Wasatch No oil, fluor, cut 13,294-298' 7.5-4.5-6.0 300-600-400 Wasatch No oil, fluor, cut
- 7/21/91 13,308' TIH after run. POOH, SLM (+8' correction). Logging w/Atlas. DIL-GR-Sonic: 13,307'-6,030'; Digital Acoustic Log: 13,307'-6,030'; Logger's TD: 13,307'; max temp 176°F. TIH. Svy: 3 deg @ 13,275'. MW 9.5, VIS 36, WL 7.6, PV 8, YP 4, 3% OIL, 7% SOL, PH 10, ALK .4/1.5, CL 2100, CA 24, GELS 1, 10" 3, CAKE 2. CC: \$855,592.
- 7/22/91 13,308' Set liner hanger. TIH after running E logs. Wash & ream 50' to bottom. Circ & cond., gain 75 bbl, TG thru buster = 6800 U, 35' flare, incr MW 9.5 ppg to 9.7 ppg, BGG decr to 800 U. Lost 300 bbl mud. POOH, pull wear ring. RU T.M. Casers. Ran 175 jts (7522.51'), 7", 26#, CF-95, LT&C; Brown 7' x 9-5/8" CMC hanger (15.68'); landing collar 0.95'; Howco FC 2.00', Howco FS 2.56', String = 7543.70'; LC & float: top first jt; centralizers: lst 7 jts, last 3 jts. Ran 7" to 13,308', DP = 5780'. RU cmt head. Wash 11' to btm, 3' fill. Circ & cond., btms up = 3100 U, BGG = 600 U, lost 100 bbl mud. Hung liner 2' off btm @ 13,306', top of hanger = 5762'. MW 9.7, VIS 36, WL 7.8, PV 8, YP 7, 3% OIL, 9% SOL, PH 10, ALK .4/1.9, CL 2300, CA 16, GELS 1, 10" 2, CAKE 2. CC: \$875,571.
- 7/23/91 13,308' Press test BOP. Cement 7" liner w/Howco: 10 bbls FW, 30 bbls Super Flush, 20 bbls FW, 1330 sx Silicalite w/0.3% Halad 413, 3#/sk Capseal, 1/4#/sk Flocele, 0.5% SCR-100, 11.0 ppg, 2.67 cu ft/sk; 270 sx Prem AG, 0.6% Halad 322, 0.2% HR-5, 15.6 PPG, 1.18 cu ft/sk; 388 bbls mud @ 10 BPM @ 900#. Bump plug @ 1400 psi (500# over). Floats held, good returns. Job completed @ 8:14 a.m., 7/22/91. RD Howco & Baker. TOOH 20 stds. RU LD mach, LD 5" DP and setting tool. TIH w/BHA and 25 stds. RU LD mach, break kelly, LD BHA. Change pipe rams, change kellys. Press test kelly cocks, valves and pipe rams to 5000# for 10 min.-0K. MW 9.6, VIS 37, WL 8, PV 8, YP 10, 3% OIL, 0% LCM, 8% SOL, PH 9.5, ALK .4/1.8, CL 2100, CA 24, GELS 1, 10" 2, CAKE 2. CC: \$1,116,064.
- 7/24/91 13,308' PU 3-1/2" DP. Finish testing BOP, pipe and blind rams to 5000#/10 min -OK; hydril 2500 psi - OK. RU LD machine, install wear bshg. PU BHA, cut drlg line. PU 3-1/2" DP. TAG TOL @ 5762', no cmt. Circ btms up. Trip for 6-1/8" bit. Drill out 7" liner hanger. RU LD machine. PU 3-1/2" DP. MW 9.6, VIS 37, WL 10, PV 8, YP 7, 3% OIL, 0% LCM, 6% SOL, PH 10, ALK .9/2.3, CL 2000, CA 28, GELS 1, 10" 1, CAKE 2. CC: \$1,128,314.

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- 7/25/91 13,308' Drlg cmt retainer @ 5703'. Finish PU 3-1/2" DP, install rotating head rubber. Drill cmt, landing and float collars @ 13,259' and 15' cmt. Press test csg to 2000 psi. Pump 1.78 BPM @ 2000#, pump 15 bbls away. Stop pump, dropped to 1200 psi. TOOH for cmt retainer. TIH w/EZSV retainer, set @ 5703'. RU Howco, test lines, cmt liner lap w/10 bbls mud flush; 150 sx Prem AG, 15.6 PPG, 1.15 cu ft/sk; 36.5 bbls wtr @ 2 BPM. Press increased 700#-2400#. Staged 1 bbl to 3000 psi. Shut down, sting out, reverse out 1 bbl cmt. TOOH w/setting tool and stinger. PU BHA, TIH. Drlg retainer @ 5703'. MW 9.6, VIS 35, WL 12, PV 7, YP 5, 2% OIL, 0% LCM, 5% SOL, PH 10.5, ALK 1.2/2.2, CL 1900, CA 2400, GELS 1, 10" 1, CAKE 2. CC: \$1,151,964.
- 7/26/91 13,308' Dr]g cmt @ 13,276'. Drill cmt ret 5703-5708'. Circ & WOC. Drill cmt 5708-5762' TOL. Press test TOL to 2000 psi for 10 min - OK. TOOH w/8-3/4" bit. TIH w/6-1/8" bit to TOL. Drill liner hanger 5762-5845'. TIH. Press test csg to 2000 psi/10 min - OK. Drill cmt @ 13,276'. MW 9.5, VIS 42, WL 14.2, PV 8, YP 14, 2% OIL, O% LCM, 6% SOL, PH 12, ALK 1.5/2.3, CL 1900, CA 2400, GELS 8, 10" 16, CAKE 2. CC: \$1,160,254.
- 7/27/91 13,346' Drlg 38'/9.5 hrs. Drlg cmt & shoe. Circ before trip. TOH, all 3 cones loose. Chg bit & clean junk sub. TIH w/bit. Break circ, wash 30' to btm & work junk sub. Drlg, Wasatch, 80% SH, 20% SD. BGG 1800 U, CG 2200 U, TG 2400 U. MW 9.5, VIS 39, WL 10.4, PV 7, YP 9, 2% OIL, 0% LCM, 5% SOL, PH 12.0, ALK 1.5/2.4, CL 1750, CA 28, GELS 2, 10" 4, CAKE 2. CC: \$1,170,830.
- 7/28/91 13,384' Drlg 38'/8.5 hrs. Drlg, circ out kick @ 13,355' w/260# on DP, 240# on csg. Calculated +.4 MW. Kill w/10.0#/gal. Abundant oil, 30' flare. Drlg, TOH w/bit. SLM, strap = 13,378.40'. No correction. PU BHA. TIH w/diamond bit. Wash 90' to btm. Drlg, Wasatch, 50% SH, 50% SD, BGG 600 U, CG 800 U, TG 6480 U. Drlg brk from 13,346-357', MPF 16-5.5-17, gas units 1800-5000-1400, 90% SD, abd dk grn oil. MW 10.2, VIS 37, WL 9.6, PV 9, YP 7, 2% OIL, 0% LCM, 8% SOL, PH 11.5, ALK 1.4/2.2, CL 1800, CA 16, GELS 1, 10" 2, CAKE 2. CC: \$1,180,137.
- 7/29/91 13,528' Drlg 144'/23.5 hrs. Drlg, RS, check BOP. Drlg, Wasatch, 100% SH, BGG 1200 U, CG 2000 U. MW 10.2, VIS 37, WL 8.4, PV 9, YP 10, 2% OIL, 8% SOL, PH 11, ALK 1.2/2.2, CL 1800, CA 20, GELS 1, 10" 3, CAKE 2. CC: \$1,189,868.
- 7/30/91 13,644' Drlg 116'/23.5 hrs. Drlg, RS, drlg. Wasatch, 100% SH, BGG 1200 U, CG 2000 U. MW 10.2, VIS 40, WL 8, PV 9, YP 8, 2% OIL, 8% SOL, PH 11, ALK .9/1.7, CL 1700, CA 20, GELS 1, 10" 3, CAKE 2. CC: \$1,210,254.
- 7/31/91 13,770' Drlg 126'/23.5 hrs. Drlg, RS, drlg. Wasatch, 90% SH, 10% SDST, BGG 1200 U, CG 1950 U. MW 10.2, VIS 40, WL 7.8, PV 11, YP 10, 2% OIL, 8% SOL, PH 11, ALK .8/1.9, CL 1900, CA 28, GELS 1, 10" 3, CAKE 2. CC: \$1,224,073.
- 8/1/91 13,892' Drlg 122'/23.5 hrs. Drlg, RS, check BOP, drlg. Wasatch, 90% SH, 10% SS, BGG 2000, CG 3200 U. MW 10.2, VIS 42, WL 7.9, PV 12, YP 13, 2% OIL, 8% SOL, PH 11, ALK 6/1.4, CL 1900, CA 28, GELS 1, 10" 3, CAKE 2. CC: 1,231,568.
- 8/2/91 13,963' TFNB 71'/14.5 hrs. Drlg, RS, check BOP. Drlg, pump pill, drop svy. TFNB, chg bit, check IBS's, TIH. Wasatch, 90% SH, 10% SDST, BGG 1500 U, CG 2400 U. Svy: 3-1/2 deg @ 13,963. MW 10.2, VIS 38, WL 7.2, PV 11, YP 9, 2% OIL, 0% LCM, 8% SOL, PH 11, ALK .4/1.1, CL 1800, CA 36, GELS 1, 10" 3, CAKE 2. CC: \$1,239,051.

CHRISTENSEN #2-29A4 ALTAMONT FIELD DUCHESNE COUNTY, UTAH

1

8/3/91
14,051' Circ out kick @ 14,051'. 88'/15 hrs. TIH w/bit. Cut dr]g line. FTIH. Wash 30' to btm, no fill. Dr]g, RS, check BOP's. Dr]g, shut well in @ 14,051', 2300# SIDPP and 2800# SICP, 30 bbl gain. Raise MW from 10.8 to 13.1 ppg. Circ out w/35' flare and 6" stream of oil. Wasatch, 70% SH, 30% SD, BGG 1600 U, CG 3200 U, TG 5050 U. MW 13.1, VIS 44, WL 6.4, PV 24, YP 14, 4% OIL, 0% LCM, 21% SOL, PH 11, ALK .4/.9, CL 1600, CA 32, GELS 2, 10" 8, CAKE 2. CC: \$1,256,454. DRILLING BREAKS MPF GAS UNITS 13,990'-13,994' 18-7-10 900-6000-1600 60% SH, 40% SD, Abd drk grn oil, 20% fluor. Raise MW to 10.8 PPG. 14,042'-14,051' 9-14-9 1600-5200-35' flare 70% SH, 30% SD, abd grn oil, 20% fluor. Well SI. Raise MW to 13.7 PPG.

- 8/4/91
 14,111' Drlg 60'/14 hrs. Finish circ w/13.1 ppg mud. Shut well in, build MW to 13.6#/gal. Shut well in 350# on DP and 1400# on csg, 0.5#/gal. Circ out kick w/13.6#/gal. Drlg, chg out rot hd rbr, RS. Drlg, lost 200-300 bbls to reserve pit. High oil content. Wasatch, 90% SH, 10% SD, BGG 2400 U, CG 3600 U, DTG 6000 U, no shows. MW 13.7, VIS 43, WL 6.0, PV 28, YP 14, 10% OIL, 0 LCM, 26% SOL, PH 10.0, ALK .2/.5, CL 1700, CA 40, GELS 2, 10" 6, CAKE 2. CC: \$1,276,195.
- 8/5/91 14,215' Drlg 104'/23.5 hrs. Drlg, RS, check BOP. Drlg, Wasatch, 90% Sh, 10% SDST, BGG 2000 U, CG 3360 U. Drlg brk in Wasatch from 14,182'-14,198', MPF 14-11-14, gas units 1600-2200-2000, TR grn oil, no fluor, no cut. MW 13.6, VIS 40, WL 5.2, PV 22, YP 13, 10% OIL, 24% SOL, PH 10.5, ALK .3/.7, CL 1400, CA 40, GELS 2, 10" 4, CAKE 2. CC: \$1,285,818.
- 8/6/91 14,286' TIH w/bit #18. 71'/17 hrs. Drlg, RS, drlg, TFNB. Wasatch, 100% SH, BGG 1200, CG 2200. Drlg brk from 14,226-14,240', MPF 15-10-14, gas units 1600-2300-1600, TR grn oil, no fluor or cut. MW 13.6, VIS 43, WL 6.0, PV 22, YP 18, 10% OIL, 24% SOL, PH 11.0, ALK .5/1.1, CL 1600, CA 36, GELS 2, 10" 6, CAKE 2. CC: \$1,312,810.
- 8/7/91 14,422' Drlg 136'/20.5 hrs. TIH, RS. Wash & ream 60' to btm, drlg. Wasatch, 90% SH, 10% SS, BGG 900 U, CG 1800 U, TG 6800 U, no shows. MW 13.6, VIS 40, WL 5.2, PV 18, YP 12, 10% OIL, 0% LCM, 24% SOL, PH 11.5, ALK .3/.9, CL 1600, CA 48, GELS 2, 10" 4, CAKE 2. CC: \$1,324,043.
- 8/8/91 14,583' Drlg 161'/23.5 hrs. Drlg, RS, drlg. Wasatch, 90% SH, 10% SS, BGG 800 U, CG 1400 U. MW 13.7, VIS 42, WL 6, PV 20, YP 16, 7% OIL, 25% SOL, PH 11, ALK .4/1.1, CL 1600, CA 48, GELS 2, 10" 6, CAKE 2. CC: \$1,331,027. DRILLING BREAKS 14,522-14,530' 7-4-10 800-3300-800 TR grn oil, no fluor, wk cut, lost 50 bbls mud 14,542-14,550' 9-6-10 600-900-600 No oil, no fluor, wk cut
- 8/9/91 14,739' Drlg 156'/23.5 hrs. Drlg, RS. Drlg in Wasatch, 90% SH, 10% SS, BGG 900 U, CG 2300. Drlg brk from 14,666-14,688', MPF 10-7-9, gas units 600-1200-800, TR grn oil, TR fluor, wk cut. MW 13.7, VIS 40, WL 5.2, PV 18, YP 12, 5% OIL, 0% LCM, 27% SOL, PH 11.0, ALK .4/1.2, CL 1800, CA 32, GELS 2, 10" 6, CAKE 2. CC: \$1,339,971.
- 8/10/91 14,901' Drlg 162'/22.5 hrs. Drlg, RS. Drlg, lost returns @ 14,783'. Mix 80 bbls LCM pill. Pump 75 bbls and regain full returns. Drlg in Wasatch, 90% SH, 10% SS, BGG 80 U, CG 1800 U. Drlg brk from 14783-14788', MPF 7-12-8, gas units 800-4800-1200, TR grn oil, no fluor or cut. MW 13.7, VIS 44, WL 5.6, PV 18, YP 10, 4% OIL, 26% SOL, PH 10.5, ALK .4/1.0, CL 1600, CA 24, GELS 1, 10" 2, CAKE 2. CC: \$1,351,253.
- 8/11/91 15,053' Drlg 152'/23.5 hrs. Drlg, RS, drlg. Wasatch, 100% SH, BGG 600 U, CG 1000 U, no shows. MW 13.7, VIS 42, WL 6.0, PV 19, YP 15, 4% OIL, 26% SOL, PH 10.5, ALK .3/1.2, CL 1700, CA 16, GELS 2, 10" 3, CAKE 2. CC: 1,359,031.

CHRISTENSEN #2-29A4 ALTAMONT FIELD DUCHESNE COUNTY, UTAH

8/12/91 15,196' Drlg 143'/23.5 hrs. Drlg, RS. Drlg in Wasatch, 90% SH, 10% SDST, BGG 350 U, CG 875 U. Lost 100 bbls mud/24 hr seepage. MW 13.7, VIS 45, WL 7.2, PV 18, YP 14, 4% OIL, 26% SOL, PH 10.5, ALK .5/1.6, CL 1400, CA 40, GELS 2, 10" 2, CAKE 2. CC: \$1,369,281 DRILLING BREAKS MPF GAS UNITS 15062-15080' 10-7-10 400-800-300 Wasatch TR grn oil, 40% fluor, fair cut 15094-15108' 8-6-9 300-450-350 Wasatch TR grn oil, 30% fluor, wk cut

- 8/13/91 15,300' Short trip, prep to run E logs. 104'/20.5 hrs. Drlg, RS, drlg. RR mud pumps, drlg. Circ, short trip 10 stds, no problem. Wasatch, 80% SH, 20% SDST, BGG 450 U, CG 1200 U. Lost 50 bbls mud seepage in 24 hrs. MW 13.7, VIS 41, WL 6.6, PV 19, YP 14, 4% OIL, 26% SOL, PH 10, ALK .5/1.6, CL 1700, CA 24, GELS 2, 10" 4, CAKE 2. CC: \$1,383,583.
- 8/14/91 15,300' Circ & cond for 5" csg. Short trip 10 stds. Circ & cond for E logs. POOH, SLM 15,297' - no correction. Logging w/Atlas: GR-Caliper-Acoustic-DIFL. Logger's TD 15,292'. Max temp 218°F @ 15,300'. TIH. Circ & cond for csg. TG 6800 U. MW 13.8, VIS 46, WL 8, PV 20, YP 18, 3% OIL, 26% SOL, PH 9.5, ALK .5/2.5, CL 1700, CA 10, GELS 3, 10" 9, CAKE 2. CC: \$1,409,067.
- 8/15/91 15,300' LD DP. Circ & cond for 5" csg. POOH, RU Westates Casers. Ran 56 jts (2252.42') 5", 18#, CF-95 Hydril 521 csg. Shoe @ 15,298'; landing collar 15,255'; pup jt @ 14,103' (top). Turbolators on ea jt (OA length = 2273.71'). RD csg crew. TIH w/liner on 3-1/2" DP. Circ, lost 100 bbls mud. Hang liner, cmt w/Howco: 5 bbls FW, 20 bbls Superflush, 10 bbls FW; 280 sx "H" cmt, 35% SSA-1, 1% CFR-3, 0.4% Halad 24, 0.2% Super CBL, 0.2% HR-5, 15.9 PPG, 1.50 cu ft/sk. Dropped plug. Displace w/40 bbls FW, 85 bbls mud. Bump w/3400 PSI @ 3-1/2 BPM. Press to 3800 PSI. Floats held, good returns throughout. Rotated liner 5 min. after cmt in annulus, then torqued up, stop rotating. Job complete 4:10 a.m., 8/15/91. POOH 20 stds. LD DP. MW 13.7, VIS 37, WL 10, PV 15, YP 10, 2% OIL, 26% SOL, PH 9.5, ALK .4/1.8, CL 1500, CA 10, GELS 1, 10" 3, CAKE 2. CC: \$1,503,710.
- 8/16/91 15,300' RDRT LD 3-1/2" DP & DC's, break kelly. ND BOP's, chg pipe rams, clean mud pits. NU tbg hd & 6" BOP, test to 5000 psi. Rig released 6:00 a.m., 8/16/91. CC: \$1,524,163. <u>FINAL DRILLING REPORT</u>.

CHRONOLOGICAL HISTORY

PAGE 9

CHRISTENSEN #2-29A4 ALTAMONT FIELD DUCHESNE COUNTY, UTAH WI: 56.98% ANR AFE: 63585 TD: 15,300' (WASATCH) SD: 6/13/91 CSG: 5" LINER @ 15,298'; PBTD: 15,255' PERFS: 13,953'-15,239' CWC(M\$): \$1,813.6

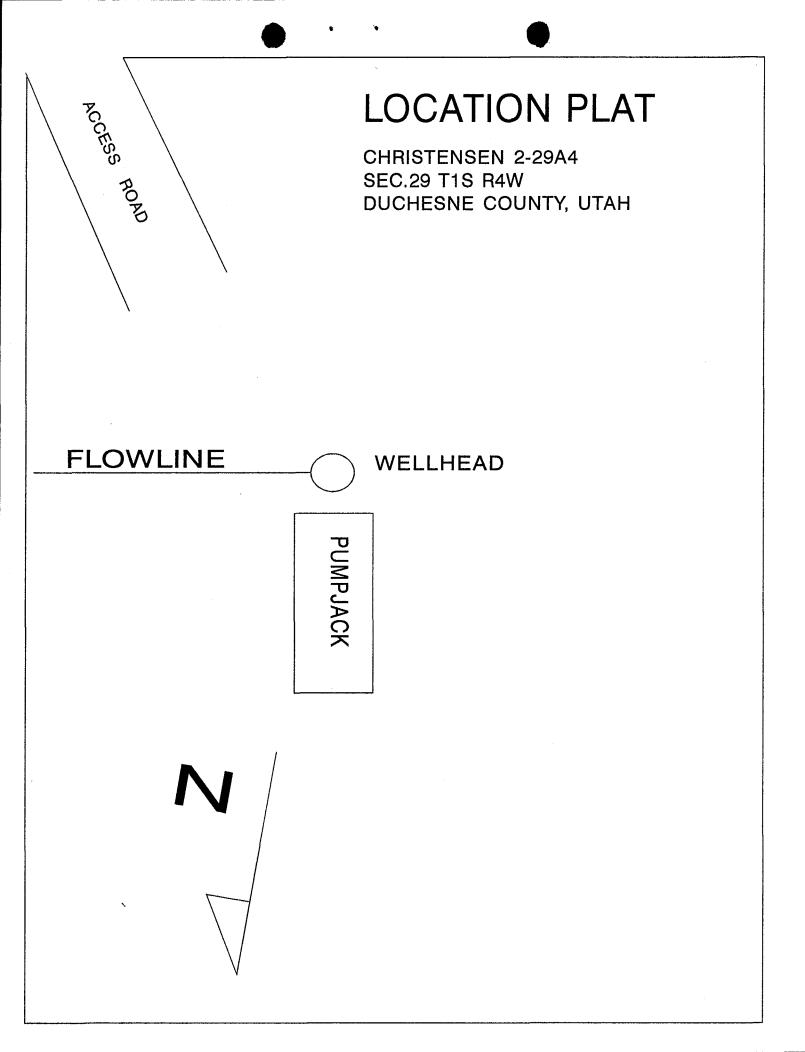
- 8/17-19/91 WOCU.
- DC: \$0 TC: \$1,524,163 8/20/91 TIH. MIRU. PU & RIH w/6-1/8" bit, csg scraper and 2-7/8" tbg to 10,586'. Circ out drlg mud. DC: \$7,209 TC: \$1,531,372
 - 8/21/91 Prep to CO 5" liner. Tag cmt @ 12,441'. CO hard cmt to liner top @ 13,024'. Circ hole clean. POOH and LD bit & scraper. PU and RIH w/4-1/8" drag bit and string mill. DC: \$4,956 TC: \$1,536,328
 - 8/22/91 Prep to log well. Tag cmt @ 13,024'. D0 cmt for 10', fell through. Tag cmt @ 15,220'. C0 to PBTD @ 15,255'. Press test to 3000 psi, held. Displace hole w/3% KCI, POOH. Prep to log well. DC: \$6,737 TC: \$1,543,065
 - 8/23/91 Prep to sting into pkr. Run CBL & CL tool from 10,450' to 15,241'. Perf from 13,953' to 15,239', 3 SPF, 81 settings, 243 tot holes. Final pressure 600 psi. RIH w/WL pkr and set @ 13,100'. RIH w/prod tbg & tag pkr. DC: \$29,061 TC: \$1,572,126
 - 8/24/91 Well producing. RU Western. Acidize w/12,000 gals 15% HCl w/add, BAF, rock salt & 366 - 1.1 BS's & Iridium tracer. MTP 8500 psi, ATP 8000 psi. MTR 14 BPM, ATR 12 BPM. ISIP 6300 psi, 5 min 5800 psi, 10 min 4900 psi, 15 min 4300 psi. Total load 734 bbl. RD Western & flow back well. DC: \$36,462 TC: \$1,608,588

8/23/91 Flowed 79 BO, 11 BW, 71 MCF, 64/64" choke.

8/24/91 F	lowed 850	BO, 32 BW,	510 MCF, FTP	3050 psi, 1	7/64" choke.
8/25/91 F	lowed 1480) BO, 9 BW, 3	B10 MCF, FTP	2525 psi, 1	8/64" choke.
8/26/91 F	lowed 1367	′BO, O BW,	682 MCF, FTP	2250 psi, 1	8/64" choke.
8/27/91 F	lowed 1047	′BO, 65 BW,	563 MCF, FTP	1750 psi,	18/64" choke.
8/28/91 F	lowed 1358	BO, 132 BW	, 740 MCF, FT	P 1550 psi,	18/64" choke.
8/29/91 F	lowed 1059	BO, 251 BW	, 632 MCF, FT	P 1100 psi,	18/64" choke.
8/30/91 F	lowed 1016	BO, 263 BW	, 632 MCF, FT	P 750 psi,	21/64" choke.
8/31/91 F	lowed 895	BO, 259 BW,	562 MCF, FTP	600 psi, 2	1/64" choke.
9/1/91 F	lowed 853	BO, 266 BW,	534 MCF, FTP	475 psi, 2	5/64" choke.
9/2/91 F	lowed 706	BO, 249 BW,	303 MCF, FTP	250 psi, 20	0/64" choke.
9/3/91 F	lowed 640	BO, 240 BW,	452 MCF, FTP	100 psi, 3	0/64" choke.
9/4/91 F	lowed 593	BO, 212 BW,	397 MCF, FTP	250 psi, 2	5/64" choke.
9/5/91 F	lowed 487	BO, 204 BW,	368 MCF, FTP	250 psi, 2	5/64" choke.
9/6/91 F	lowed 346	BO, 348 BW,	275 MCF, FTP	250 psi, 2	5/64" choke.
9/7/91 F	lowed 183	BO, 42 BW, 8	B7 MCF, FTP 9	00 psi, 21/0	54" choke.
9/8/91 F	lowed 279	BO, 86 BW, 3	191 MCF, FTP	275 psi, 24,	/64" choke.
9/9/91 F	lowed 131	BO, 72 BW, 9	97 MCF, FTP 2	75 psi, 24/0	54" choke.

	STATE OF U DIVISON OF OIL, GA OIL AND GAS INSPEC	S AND MINING			
OPERATOR: ANR PR	ODUCTION COMPANY INC		LEASE:	FEE	
WELL NAME: CHRIST	ENSEN 2-29A4		API:	43-0	13-31303
SEC/TWP/RNG: 29 01	.0 S 04.0 W	CONTRACTOR:			
COUNTY: DUCHES	NE	FIELD NAME:	ALTAMONT		
DRILLING/COMPLETION _ APD _ SAFETY _ OPERATIONS	/WORKOVER: _ WELL SIGN _ POLLUTION CNTL _ OTHER		EEPING E USE	-	BOPE PITS
SHUT-IN _ / TA _ WELL SIGN _ OTHER	_: HOUSEKEEPING	_ EQUIPMI	ENT *	<u></u>	SAFETY
ABANDONED: MARKER	HOUSEKEEPING	_ REHAB		_	OTHER
Y METERING *	Y HOUSEKEEPING Y POLLUTION CNTL Y SAFETY	Y EQUIPMH Y PITS _ OTHER			FACILITIES * DISPOSAL
GAS DISPOSITION: VENTED/FLARED	Y SOLD	Y LEASE (JSE		
LEGEND: $Y = YES/SAT$	ISFACTORY N = NO/UI	NSATISFACTOF	A = NC	DT A	PPLICABLE
*FACILITIES INSPECT LOCATION, WELLHEAD,					
REMARKS: POW, NEW COMPLETION	, RESERVE PIT IS STI	LL OPEN FINA	AL INSPECT	TION	,
ACTION: SEE PICTURES AND SI	TE DIAGRAM,				

INSPECTOR: MICHAEL HEBERTSON DATE: 10/23/91



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STORE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF CIL. GAS AND MINING



6. Lease Designation and Serial Number Fee

00100 2015

			7 Indian Allottee or Tribe Name
SUNDRY NOTIC	CES AND REPORTS	ON WELLS	N/A
in the second of proposals to doit new y	veris; deegen existing wells; or to r	REDIEF CHOOSE and an and an and	a. Unit or Communitization Agreement
US& APPLICAT	TON FOR PERMIT- for such prop		Agreement
Cyce of Wen	•		N/A
💢 Çil 🗖 Gas Well 🗸 Well	Cther (specify)		9. Well Name and Number
Name of Operator			Christensen #2-29A4
ANR Production Company			10. API Well Numper
Address of Operator		4. Telephone Number	43-013-31303
P. O. Box 749 Den	ver, CO 80201-0749	(303) 573-4476	11. Field and Poot, or Wildcat
			Altamont/Bluebell
	FEL	Ceuntv	Duchesne
CHECK APPROPRIATE	on 29, TIS-R4W	•	. –
	BOXES TO INDICATE N	State	DRT. OR OTHER DATA
	ENT 2(e)	SUBSE	OUENT REPORT
Abancenment -	New Construction		Original Form Only)
Casing Repair	Puil or Aiter Casing		New Construction
Change of Plans	Recompletion	Casing Repair	Pull or Alter Casing
Conversion to Injection	Shoot or Acidize	Conversion to Injection	Shoot or Acidize
Fracture Treat	Vent or Flare		Vent or Flare
Multiple Completion	Nater Shut-Off	X Other Install Beam	Water Shut-Off
			1 ump
proximate Date Work Will Start		Date of Work Completion	10/5/91
		Apport results of Multiple Completion WELL COMPLETION OR RECO	ions and Recompletions to different reservo
		Must be eccompanied by a com-	****************
ESCRIBE PROPOSED OR COMPLETED OP Includes and measured and true vertical deput	ERATIONS (Clearly state all pertin	ent details, and give pertinent dates	If word is discovery and delivery a low
Please see the attached	chronological report	rt for the installation	on of a beam pump on the
above referenced well.			on of a beam pump on the
			TRAIL MATRIE AND - 316191
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			DEC 0 2 1991
			DIVISION
			DIVISION OF OIL GAS & MINIMA
			DIVISION OF OIL GAS & MINING
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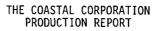
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CHRONOLOGICAL HISTORY

	CHRONOLOGICAL HISTORY
ALTAMONT I	
DUCHESNE (WI: 56.989	COUNTY, UTAH % ANR AFE: 63585
9/10/91	Flowed 323 BO, 139 BW, 567 MCF, FTP 300 psi, 24/64" choke.
9/11/91	Flowed 337 BO, 204 BW, 250 MCF, FTP 110 psi, 23/64" choke.
9/12/91	Flowed 205 BO, 87 BW, 136 MCF, FTP 700 psi, 18/64" choke.
9/13/91	Flowed 320 BO, 241 BW, 230 MCF, FTP 250 psi, 24/64" chk.
9/14/91	Flowed 327 BO, 200 BW, 230 MCF, FTP 250 psi, 22/64" chk.
9/15/91	Flowed 297 BO, 167 Bw, 221 MCF, FTP 250 psi, 22/64" chk.
9/16/91	Flowed 264 BO, 147 BW, 192 MCF, FTP 250 psi, 21/64" chk.
9/17/91	Flowed 228 BO, 145 BW, 178 MCF, FTP 250 psi, 19/64" chk.
9/18/91	Flowed 201 BO, 261 BW, 142 MCF, FTP 275 psi, 19/64" chk.
9/19/91	Flowed 165 BO, 113 BW, 129 MCF, FTP 210 psi, 19/64" chk.
9/20/91	Flowed 176 BO, 87 BW, 113 MCF, FTP 250 psi, 19/64" chk.
9/21/91	Flowed 196 BO, 151 BW, 124 MCF, FTP 250 psi, 19/64" chk.
9/22/91	Flowed 163 BO, 106 BW, 123 MCF, FTP 200 psi, 19/64" chk.
9/23/91	Flowed 162 BO, 100 BW, 116 MCF, FTP 250 psi, 19/64" chk.
9/24/91	Flowed 27 BO, 22 BW, 21 MCF/4 hrs. Down 20 hrs, install beam pump. MIRU. ND WH. Rel seal assembly. NU BOP's. SOOH w/2-7/8" tbg. DC: \$4,295 TC: \$1,612,883
9/25/91	POOH w/seal assembly. RIH w/retr tool to pkr @ 13,100'. Could not get pkr loose. DC: \$4,035 TC: \$1,616,918
9/26/91	POOH w/retr tools. RIH w/milling tools on 2-3/8" x 2-7/8" tbg. DC: \$6,580 TC: \$1,623,498
9/27/91	Mill on pkr for 2-1/2'. Mill torqued up. SOOH. DC: \$3,680 TC: \$1,627,178
9/28/91	POOH w/mill. 2-3/8" work string corkscrewed. SIH. DC: \$6,145 TC: \$1,633,323
9/29/91	Mill on pkr, came loose, POOH to LT. DC: \$3,905 TC: \$1,637,228
9/30/91	POOH. RIH w/milling tools to LT. DC: \$4,700 TC: \$1,641,928
10/1/91	Push pkr downhole to 13,268'. Could not force pkr downhole any further. SOOH. DC: \$4,975 TC: \$1,646,903
10/2/91	POOH w/milling tools. RIH w/OS and BHA and latch pkr @ 13,268'. Unable to move pkr uphole. Push pkr to PBTD @ 15,127'. Rel from pkr, SOOH. DC: \$11,500 TC: \$1,658,403
10/3/91	POOH. RIH w/rod pump equip. DC: \$7,250 TC: \$1,665,653
10/4/91	Set 7" TAC @ 10,532'. Land tbg w/18,000#. RIH w/1-3/4" pump on 86 tapered rod string. DC: \$87,495 TC: \$1,753,148



CHRONOLOGICAL HISTORY

PAGE 11

CHRISTENSEN #2-29A4 ALTAMONT FIELD DUCHESNE COUNTY, UTAH WI: 56.98% ANR AFE: 63585

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10/5/91 FIH w/rod string. Space out. PT tbg to 500#. Hang well off. Place well on prod. DC: \$12,450 TC: \$1,765,598

Avg prod: 266 BO, 379 BW, 204 MCF. Drop from report until further activity.

D	EPARTMENT OF NATURAL RESOUP	RCES	6. Lease Designation and Serial Number
			Fee
SUNDAY			7. Indian Allottee or Tribe Name
SUNDAY	NOTICES AND REPORTS	ON WELLS	N/A
Use	drill new weils, deepen existing weils, or to a	reenter plugged and abandoned weils.	8. Unit or Communitization Agreement
	Charles to the Email I for such pro	posais	· · · · · · · · · · · · · · · · · · ·
Pe of Weil			N/A
X. Oil Gas Well Well	Other (specify)		9. Well Name and Number
Ame of Operator			Christensen #2-29A4
ANR Production Com	pany		43-013-31303
P. O. Box 749	Denver, CO 80201-0749	4. Telephone Number	11. Field and Pool, or Wildcat
cation of Well		(303) 573-4476	Bluebell/Altamont
Footage : 1425	' FSL & 2131' FEL	_	
20. Sec. T., R., M. : NW/S	E Section 29. TIS-PAW	County State	
CHECK APPROF	PRIATE BOXES TO INDICATE N	ATURE OF NOTICE DEDC	RE OP OTLED DIE
NOTIC (Submi	E OF INTENT t in Duplicate)	SUBSE	QUENT REPORT
Abandonment	New Construction		QUENT REPORT Original Form Only)
Casing Repair	Pull or Alter Casing	Abandonment ·	New Construction
Change of Plans		Casing Repair	Puil or Alter Casing
Conversion to Injection	Shoot or Acidize	Change of Plans	Shoot or Acidize
Fracture Treat	Vent or Flare	Fracture Treat	Vent or Flare Water Shut-Off
Multiple Completion	Water Shut-Off	Other	U Water Shut-Off
proximate Date Work Will St	art 6/8/92	Date of Work Completion	
		Report results of Multiple Complexit	
			ons and Recompletions to different receivoir MPLETION AND LOG form.
SCRIBE PROPOSED OR COMP		 Must be accompanied by a ceme 	ent verification report.
ations and measured and true ve	LETED OPERATIONS (Clearly state all perti- rtical depths for all markers and zones perti-	nent details, and give pertinent dates. I nent to this work.)	if well is directionally drilled, give subsurface
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Please see the at	tached procedure to close	nout man 5 a 1 7 .	
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WORKOVER PROCEDURE

Christensen #2-29A4 Altamont Field Duchesne County, Utah

WELL DATA

Location:	1425' FSL & 2131' FEL
Elevation:	6551'GL, 6573'KB
Total Depth:	15,300' PBTD: 15,255'
Casing:	13-3/8", 55#, J-55 ST&C set @ 240', cmt'd to surface
-	9-5/8", 40#, CF-95 LT&C set @ 6034', cmt'd w/1830 sxs
	7", 26#, CF-95, LT&C set 5762'-13,308', cmt'd w/1600 sxs
	5", 18#, CF-95, FL4S set 13,024'-15,298', cmt'd w/280 sxs
Tubing:	2-7/8", 6.5#, N-80

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity</u>	<u>Burst</u>	<u>Collapse</u>
			(B/F)	(psi)	(psi)
9-5/8" 40# CF -95	8.835"	8.679"	0.0758	6820	3330
7" 26# CF-95	6.276"	6.151"	0.0382	8600	5870
5" 18# CF-95	4.276"	4.151"	0.0177	12040	12010
2-7/8" 6.5# N-80	2.441"	2.347"	0.00579	10570	11160

WELL HISTORY

August 1991 Initial completion. Perf from 13,953' to 15,239', 3 SPF, 243 total holes. Acidize w/12,000 gals 15% HCl. IP: 1480 BOPD, 9 BWPD, 810 MCFPD, 18/64" CHK, 2525 FTP

September 1991 Install beam pump Prod Before: 162 BOPD, 100 BWPD, 116 MCFPD Prod After: 370 BOPD, 354 BWPD, 290 MCFPD

PRESENT STATUS

Average production rate: 45 BOPD, 279 BWPD, 40 MCFPD

PROCEDURE

- MIRU service rig. Kill well. POOH w/rods and pump. ND wellhead and NU BOPE. Release TAC and POOH w/2-7/8" tbg.
- 2. PU & RIH w/4-1/8" mill and CO tools. CO 5" liner to PBTD @ 15,255'.
- RU wireline service company. PU and RIH w/3-1/8" csg gun, 3 SPF, 120° phasing. Perforate tower Weather and the performance from 13,518' to 15,187', 33 settings, 99 total holes, per the attached geologic summary.

Christensen **#2-29A4** Workover Procedure Page Two

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- 4. PU & RIH w/5" Mountain States Arrowset 1 10K pkr, on/off tool and profile nipple, ±125', 2-7/8" 6.5# N-80 tbg, and ±12,975', 3½" N-80 9.3# tbg. Set pkr @ ±13,100'.
- 5. Acidize perforations 13,518' to 15,239', 342 total holes (243 old, 99 new) w/10,300 gals 15% HCl and 680 1.1 BS's, MTP 8500 psi. Note: This acid job should be designed to include:
 - A. All fluid to be heated to 150°F.
 - B. All water to contain 3% KCl.
 - C. Precede acid w/250 bbls KCl wtr w/10 gals per 1000 gals scale inhibitor and 180 -1.1 BS's evenly spaced.
 - D. Acidize in 2 stages of 5150 gals each w/250 1.1 BS's evenly spaced in each stage (500 total BS's in acid) and 1 diverter stage of 1500 gals gelled saltwater w/ $\frac{1}{2}$ ppg each Benzoic acid flakes and rocksalt.
- 6. Flow/swab back acid load. If well flows back strongly, drop plug and release from on/off tool, POOH and LD 3½" tbg. TIH w/2-7/8" tbg and latch onto pkr. Retrieve plug and return to production until pressure drops and artificial lift is required, then proceed to Step 7 (LD rods).
- 7. Release pkr and POOH. PU & RIH w/production equipment and return online.

SCP:cam

GREATER ALTAMONT FIELD ANRPC CHRISTENSEN #2-29A4 WELL SE/4 SECTION 29, T1S-R4W DUCHESNE COUNTY UTAH

PERFORATION SCHEDULE (2)

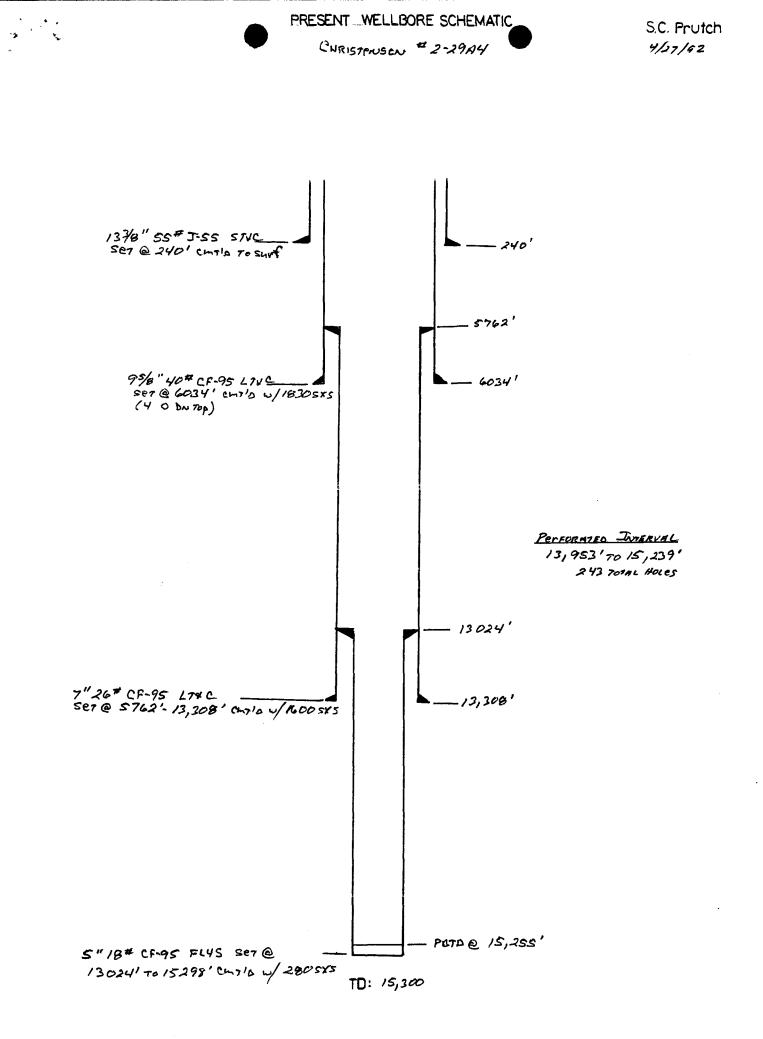
REFERENCE LOG: ATLAS DUAL INDUCTION FOCUSED LOG (RUN 2) DATED 8/13/91

WASATCH FM. TOP: 11628' (-5055'); LWR WASATCH (M3): 13510' (-6937') INITIAL PERFS: 13953'- 15239' (52 ZONES,81 NET FEET,243 HOLES)

13518	13853	14646
13530	13872	14704
13544	13883	14738
13551	13894	14761
13579	<u>13901</u>	14851
13613	14044	14975
13677	14130	14987
13723	14195	15039
13779	14205	15107
13795	14359	15149
13833	14408	15187

TOTALS: 13518'-15187' (28 ZONES, 33 NET FEET, 99 HOLES @ 3JSPF)

RDL 4/24/92



	DEPARTMENT OF NATURA DIVISION OF OIL, GAS	AND MINING	6. Lease Designation and Serial Number Fee
		PORTS ON WELLS	7. Indian Allottee or Tribe Name N/A
Tree of Weit		FORTS ON WELLS rwells, or to reenter plugged and abandoned well: for such proposals	8. Unit or Communitization Agreement
Vame of Operator	Gas Other (specify Well	• SEP 0 0 1992	9. Well Name and Number Christensen #2-29A4
ANR Production C	ompany		10. API Well Number 43-013-31303
	Denver, CO 30201-0749	(303) 573-4476	11. Field and Pool, or Wildow Bluebell/Altamont
QQ. Sec. T., H., M. :	1425' FSL & 2131' FEL NW/SE Section 29, T1S,	RAM	: Duchesne
CHECK API	PROPRIATE BOXES TO INI	State	ORT, OR OTHER DATA
	(Submit in Duplicate)	SUBS	EQUENT REPORT t Original Form Only)
Abandonment Casing Repair Change of Plans Conversion to injectio	New Construction Pull or Alter Casin Recompletion Shoot or Acidize	IG Abandonment * Casing Repair Change of Plans	New Construction Pull or Alter Casing Shoot or Acidize
Fracture Treat Multiple Completion Other	Vent or Flare Water Shut-Off	Conversion to Injection Fracture Treat Other	Vent or Flare Water Shut-Off
Multiple Completion	Vent or Flare Water Shut-Off	Fracture Treat Other Other Pate of Work Completion Report results of Multiple Completion On WELL COMPLETION OR REC	Water Shut-Off 8/4/92
Multiple Completion Other oproximate Date Work V	Vent or Flare Water Shut-Off Will Start COMPLETED OPERATIONS (Clearly of true vertical depths for all markers and Please see the attach clean out, perf and a	Fracture Treat Other Other Veate of Work Completion Report results of Multiple Completion Report results of Multiple Completion Net be accompanied by a cent Must be accompanied by a cent State all pertinent details, and give pertinent dates.	Water Shut-Off 8/4/92 tions and Recompletions to different reservoir OMPLETION AND LOG form, nent verification report.
Multiple Completion Other oproximate Date Work V	Vent or Flare Water Shut-Off Will Start COMPLETED OPERATIONS (Clearly a true vertical depths for all markers and Please see the attack	Fracture Treat Other Other Veate of Work Completion Report results of Multiple Completion Report results of Multiple Completion Net be accompanied by a cent Must be accompanied by a cent State all pertinent details, and give pertinent dates.	Water Shut-Off 8/4/92 tions and Recompletions to different reserved OMPLETION AND LOG form, nent verification report.
Multiple Completion Other proximate Date Work V	Vent or Flare Water Shut-Off Will Start COMPLETED OPERATIONS (Clearly of true vertical depths for all markers and Please see the attach clean out, perf and a	Fracture Treat Other Other Deate of Work Completion Report results of Multiple Completion WELL COMPLETION OR REC Must be accompanied by a case Must be accompanied by a case Must be accompanied by a case to accompanie by a case whet chronological history for accid treatment performed on to 1.	Water Shut-Off 8/4/92 tions and Recompletions to different received OMPLETION AND LOG form. nent verification report.
Multiple Completion Other oproximate Date Work V	Vent or Flare Water Shut-Off Will Start COMPLETED OPERATIONS (Clearly of true vertical depths for all markers and Please see the attach clean out, perf and a	Fracture Treat Other Other Deate of Work Completion Report results of Multiple Completion WELL COMPLETION OR REC Must be accompanied by a case Must be accompanied by a case Must be accompanied by a case to accompanie by a case whet chronological history for accid treatment performed on to 1.	Water Shut-Off 8/4/92 tions and Recompletions to different received OMPLETION AND LOG form. nent verification report.
Multiple Completion Other oproximate Date Work V ESCRIBE PROPOSED OR contions and measured and	Vent or Flare Water Shut-Off Will Start COMPLETED OPERATIONS (Clearly a true vertical depths for all markers and Please see the attack clean out, perf and a above-referenced well	Fracture Treat Other Other Deate of Work Completion Report results of Multiple Completion WELL COMPLETION OR REC Must be accompanied by a case Must be accompanied by a case Must be accompanied by a case to accompanie by a case whet chronological history for accid treatment performed on to 1.	Water Shut-Off 8/4/92 tions and Recompletions to different received OMPLETION AND LOG form. nent verification report.
Multiple Completion Other pproximate Date Work V	Vent or Flare Water Shut-Off Will Start COMPLETED OPERATIONS (Clearly a true vertical depths for all markers and Please see the attack clean out, perf and a above-referenced well	Fracture Treat Other Deate of Work Completion Report results of Multiple Completion Well COMPLETION OR REC Must be accompanied by a centrate all pertinent detests, and give pertinent detests d zones pertinent to this work.)	Water Shut-Off 8/4/92 tions and Recompletions to different reservoir OMPLETION AND LOG form, nent verification report, if well is directionally drilled; give subsurface

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CHRONOLOGICAL HISTORY

CHRISTENSEN #2-29A4 (CO, PERF & ACDZ) ALTAMONT FIELD DUCHESNE COUNTY, UTAH WI: 56.55597% ANR AFE: 64043

8/1/92 Broach well - tbg. RIH w/rods. Check well - trace bleed off. Continue to PU 2-3/8" 8rd changing out square collars to slimhole. Tag 7" liner - trying to work through. Work tbg for 2 hours, finally get 1.660" tbg in 7" liner. RIH total 134 2-3/8" 8rd. Sting into bowl, space out, add 10', 2' subs, hanger. Land sidestring w/6000# compression. RD floor, remove BOP's. Install tbg head - park off - PT to 5000# psi. Flush both strings w/80 bbls prod wtr. RU walking beam - have crane move back pmpg unit 2". Chng equip to rods. PU Highland 2-1/2" x 1-3/4" x 26' 242" RHBC, 1 - 1" rod. Stack out @ 32'. Try working through - can't (acts like hardened deposits from pmpg hot wtr). Try jarring w/sinker bars added - no progress. LD pump. Get broach - work through to 110'. Looks good. LD broach. PU pump. RIH to 60' - stack out can't work through. LD pump. Decide to SD - can't get slickline w/broach in time. CWI - SDFN @ 4:30 p.m.
DC: \$4,259 TC: \$93,188

8/3/92 Well pmpg, RD. Bleed off tbg. RU Delso to broach well. Run double broach. RIH to 500', no tag. Broach is 2.337" OD. Work broach up & down trying to clean buildup. RD Delso. Pump 40 bbls prod wtr down tbg. RIH w/pump and 3 - 1". Tag @ 60', work through. Tag @ 90', can't work through. POOH, LD pump. WO replacement pump w/smaller OD (oversized valves were bigger than No-Go). Re-route pmpg tee - flowline. RIH with 2-1/2 x 1-3/4 x 26-1/2' - 236" stroke RHBC, 24 - 1", 145 - 3/4", 125 - 7/8" (break pin), 121 - 1". Space out. PU polish rod. Seat pump. PU HH. Stroke unit - bridle too long. LD HH. Install 40' bridle. PU HH. Fill tbg w/48 bbls prod wtr. PT to 500 psi, hold. Let unit run overnight. SDFN @ 5:30 p.m. DC: \$2,650 TC: \$95,838

- 8/4/92 Well on production. Check well pmpg fine. RD. Clean location, load out equip. Pmpd 87 BO, 379 BW, 24 MCF. DC: \$342 TC: \$96,180
- 8/5/92 Pmpd 38 BO, 399 BW, 16 MCF.
- 8/6/92 Pmpd 76 BO, 403 BW, 54 MCF.
- 8/7/92 Pmpd 49 BO, 404 BW, 44 MCF.
- 8/8/92 Pmpd 48 BO, 401 BW, 60 MCF.
- 8/9/92 Pmpd 55 BO, 399 BW, 45 MCF.
- 8/10/92 Pmpd 48 BO, 424 BW, 45 MCF.
- 8/11/92 Pmpd 44 BO, 426 BW, 60 MCF.
- 8/12/92 Pmpd 43 BO, 424 BW, 39 MCF.
- 8/13/92 Pmpd 42 BO, 405 BW, 25 MCF.
- 8/14/92 Pmpd 87 BO, 467 BW, 45 MCF.
- 8/15/92 Pmpd 36 BO, 391 BW, 45 MCF.
- 8/16/92 Pmpd 44 BO, 361 BW, 45 MCF.

Prior prod: 40 BO, 234 BW, 21 MCF. Final report.

CHRONOLOGICAL HISTORY

CHRISTENSEN #2-29A4 (CO, PERF & ACDZ) ALTAMONT FIELD DUCHESNE COUNTY, UTAH WI: 56.55597% ANR AFE: 64043

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7/27/92 RIH w/3-1/2" tbg. Bleed off csg. RU Cutters to perf:

<u>Run #</u>	<u>Depth</u>	<u>Feet</u>	<u>Holes</u>	<u>Psi</u>	<u>FL</u>
1	15,187'-13,883'	20'	60	0	6500'
2 3	4 miss fi 13,872'-13,518' 13,779'-13,518' Total	re 9 <u>4</u> 33	27 <u>12</u> 99	0 0	6400' 6400'

RD Cutters. RIH w/Mtn States 5" HD pkr, xo, 4 jts 2-7/8" 8rd, 5-3/4" No-Go. Chng equip to 3-1/2". PU 230 jts 3-1/2". Leave csg open to trtr. SDFN @ 5:00 p.m. DC: \$11,014 TC: \$36,417

- 7/28/92 Acidize. Bleed off csg, tbg. Cont to RIH w/3-1/2" tbg. Tag 5" liner w/No-Go. Set pkr @ 13,103' w/37,000# compression. Ttl 435 -3-1/2" jts. Pump 393 bbls prod wtr. PT csg to 2000 psi. Hold bleed off. CWI - SDFN @ 2:30 p.m. DC: \$3,133 TC: \$39,550
- 7/29/92 LD 3-1/2" tbg. SITP 100 psi. RU Western to acidize well. Acidize perfs 13,518'-15,239', 342 holes, w/10,300 gal 15% HCl w/additives, BAF, rock salt, 680 1.1 BS's. MIR 26 BPM @ 8850 psi, AIR 22 BPM @ 8500 psi. ISIP 5900 psi, 5 min 4840 psi, 10 min 2510 psi, 15 min 350 psi. Excellent diversion. Total load 707 bbls. RD Western. RU to swab. Made 14 swab runs. IFL @ 4300', FFL @ 7100', tr oil, pH 1. Swbd back 102 bbls fluid. Fluid to rec 605 bbls. RD swab equip. Pump 60 bbls prod wtr down tbg. Pushed acid below pkr. Rls pkr. Pull out of liner. SDFN. Leave csg open to trtr. DC: \$40,409 TC: \$79,959
- 7/30/92 RIH w/production. Hot oiler bled off well, pmpd 30 bbls prod wtr down tbg, 50 bbls prod wtr down csg. Cont to LD 3-1/2" tbg. LD total 435 jts 3-1/2" tbg. LD 5-3/4" No-Go, 4 jts 2-7/8", 5" HD pkr. Chng equip to 2-7/8". RD floor. Remove BOP's & tbg head. Install CIW Type DC-P 11" x 7-1/16" 5000# tbg spool - dual hanger. Install wing valves, BOP's. RU floor. CWI - SDFN @ 7:00 p.m. DC: \$4,325 TC: \$84,284
- 7/31/92 RIH w/2-3/8" 8rd, changing collars. Csg dead. RIH w/Mtn States 7" anchor-carbide slips, 4' sub, 2-7/8" perf jt, 2-7/8" plug, 1 2-7/8" jt, 4-1/2" PBGA, 6' sub, SN, 112 jts 2-7/8", Nat'l landing collar assembly, 228 jts 2-7/8". RD floor, remove BOP's. Set 7" anchor @ 10,538' w/20,000# tension, SN @ 10,434', landing collars @ 7006'. Install BOP's. RU floor. Chng equip to 1.660". RIH w/Nat'l stinger, 43 jts 1.660", XO, 46 jts 2-3/8" TC NuLok, XO, PU 30 jts 2-3/8" 8rd. Changing square collars to beveled collars. Collars are hanging up bad try stroking tbg not much improvement. Decide to POOH, check collars. Pull 30 jts 2-3/8" 8rd. Each collar has been beat up several times top & btm. Decide to run slimhole collars. RIH w/30 jts 2-3/8", changing out each square collar to slimhole. PU 50 jts 2-3/8", changing up. CWI SDFN @ 9:00 p.m. DC: \$4,645 TC: \$88,929

CHRONOLOGICAL HISTORY

CHRISTENSEN #2-29A4 (CO, PERF & ACDZ) ALTAMONT FIELD DUCHESNE COUNTY, UTAH WI: 56.55597% ANR AFE: 64043 TD: 15,300' (WASATCH) SD: 6/13/91 CSG: 5" LINER @ 13,024'-15,298'; PBTD: 15,255' PERFS: 13,518'-15,239' CWC(M\$): \$96.0

7/20/92 Attempt to release 7" AC. Spot rig in & equip. RU. Remove HH. Pmpd down csg w/100 BW by H.O.T. Could not get pump to unseat. Pump 200 more bbls prod wtr down csg & get pump to unseat. Flush rods w/40 bbls prod wtr. POOH w/120 - 1", 125 - 7/8". Flush 3/4" rods. POOH w/145 - 3/4", 24 - 1" rods & pump. Lay pump down. Pump 60 bbls prod wtr down tbg. Chng equip over to tbg equip. ND WH. Install 4' tbg pup. NU BOPE. RU floor. Try to release 7" AC @ 10,532' for 2 hrs. Would not release. CWI-SDFN. (Note: PT tbg to 1000 psi, OK.) DC: \$3,975 TC: \$3,975

- 7/21/92 TIH w/4-1/8" WO shoe. SICP-SITP 50 psi. Bleed press off. RU power swivel. Work tbg for 1/2-hr to get AC to release @ 10,532' - still dragging small amt. RD pwr swivel. POOH & tally 340 jts 2-7/8" tbg. LD BHA, SN, pup, PBGA, tbg, steel plug, perf jt, pup and AC. Could not see what was wrong w/AC. Chng equip over to 2-3/8". PU 4-Star WO shoe, 4-1/8" OD x 3-1/8" ID 12' WOP, junk basket & BS. Tally & PU 80 jts 2-3/8" tbg. Chng equip over to 2-7/8". CWI-SDFN @ 6:00 p.m. DC: \$3,555 TC: \$7,530
- 7/22/92 POOH w/tbg & BHA. SICP-SITP trace. Cont in hole w/4-1/8" OD WO shoe. RIH w/338 jts 2-7/8" tbg. Tally & PU 68 jts 2-7/8" tbg. Tag @ 15,085'. RU drlg equip. Start pmpg. Reverse @ 5 BPM. Pump 980 bbls prod wtr. Start getting small amt return. Pmp 150 bbls prod wtr. After getting returns, rec 10 bbls. Total prod wtr pmpd 1130 bbls. RD drlg equip. Pull 80 jts 2-7/8" tbg, EOT @ 12,618'. CWI-SDFN @ 9:00 p.m. DC: \$7,298 TC: \$14,828
- 7/23/92 -RH w/5" cleanout. SITP, SICP tract. Cont to POOH w/tbg. POOH w/total 406 jts 2-7/8", xo, 80 jts 2-3/8". LD BHA (jars, WP, 4-1/8" shoe). RIH with 4-1/8" mill, check, 10' - 2-3/8" sub, check, 41 jts 2-3/8", safety jt, bailer, 4' sub, 39 jts 2-3/8", xo, 336 jts 2-7/8". SD. Stay above liner. Leave csg open to treater. SDFN @ 5:00 p.m. DC: \$3,567 TC:\$18,395
- 7/24/92 POOH w/2-7/8" bailer. SITP, SICP trace. Bleed off. Cont to RIH w/bailer. Tag fill @ 15,085'. Stroke & bail to 15,122'. Tag pkr. RU swivel. Mill on pkr, fell through to 15,225'. Mill & stroke to 15,244'. Fill below pkr, top of pkr @ 15,244'. RD swivel. LD 72 jts 2-7/8" w/string. POOH w/284 jts 2-7/8". SDFN. Leave csg open to trtr. SD @ 6:00 p.m. DC: \$4,784 TC: \$23,179
- 7/25/92 Perforate. SICP, SITP trace. Bleed off. Cont to POOH w/2-7/8". Total 340 jts. LD 39 jts 2-3/8", 4' bailer, safety jt, 41 jts 2-3/8" wet, flapper, 10' sub, flapper mill. Mill was worn - had scale, frac ball, etc. in tbg. Leave csg open to trtr. Chng BOP's to 3-1/2". SDFN @ 11:00 a.m. DC: \$2,224 TC: \$25,403

FORM 9	ATE OF UTAH				
	DIVISION OF OIL, GAS AND MINI	NG	5. Lease Designation and Serial Number:		
			·····································		
SUNDRY	NOTICES AND REPORTS	ON WELLS	6. If Indian, Allottee or Tribe Name: N/A		
	posals to drill new wells, deepen existing wells, or to reent PLICATION FOR PERMIT TO DRILL OR DEEPEN form for si		7. Unit Agreement Name: N/A		
1. Type of Well: OIL 🔀 GAS			8. Well Name and Number:		
			Christensen #2-29A4		
2. Name of Operator: ANR Production Co	ompany		9. API Well Number: 43-013-31303		
3. Address and Telephone Number: P. O. Box 749	Denver, CO 80201-0749	(303)573-4476	10. Field and Pool, or Wildcat: Bluebell/Altamont		
4. Location of Well Footages: 14	425' FSL & 2131' FEL		_{county:} Duchesne		
QQ, Sec.,T.,R.,M.:	W/SE) Section 29, T1S-R4W		state: Utah		
11. CHECK APPR	OPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, RE	PORT, OR OTHER DATA		
NOTI	CE OF INTENT bmit in Duplicate)	SUB	ISEQUENT REPORT bmit Original Form Only)		
Abandonment	New Construction	Abandonment *	New Construction		
Casing Repair	Pull or Alter Casing	Casing Repair	Pull or Alter Casing		
Change of Plans	Recompletion	Change of Plans	Shoot or Acidize		
Conversion to Injection	Shoot or Acidize	Conversion to Injection	Vent or Flare		
] Fracture Treat	Vent or Flare	Fracture Treat	🔲 Water Shut-Off		
Multiple Completion	U Water Shut-Off	Other			
] Other					
		Date of work completion	1/29/93		
Approximate date work will start		Report results of Multiple Completions and Recompletions to different reservoirs on WELL. COMPLETION OR RECOMPLETION AND LOG form,			
		* Must be accompanied by a cement	verification report.		

 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the cleanout, perf. and acid job performed on the above referenced well.

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DIVISION OF OIL GAS & MINING

13. Name & Signature:

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Title: Regulatory Analyst

Date: 2/26/93

(This space for State use only)

CHRONOLOGICAL HISTORY

CHRISTENSEN #2-29A4 (CO, PERF & ACDZ) ALTAMONT FIELD DUCHESNE COUNTY, UTAH WI: 56.55597% ANR AFE: 64418

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- 1/22/93 Flwd 381 BO, 88 BW, 231 MCF/14 hr, FTP 225#, 32/64" chk.
- 1/23/93 Flwd 528 BO, 73 BW, 429 MCF, FTP 350#, 32/64" chk.
- 1/24/93 Flwd 389 BO, 46 BW, 356 MCF, FTP 200#, 32/64" chk.
- 1/25/93 POOH & LD 3-1/2" tbg. RU slickline & cut wax to 8000'. RIH w/Mtn States plug & set in on-off tool above pkr @ 12,400'. RD slickline. Pressure up tbg to 1000 psi to check plug, held. Rls'd 3-1/2" tbg from on-off tool. Rev circ well w/580 bbls fmn wtr treated w/biocide. SDFN. DC: \$5,508 TC: \$104,262
- 1/26/93 PU on-off tool, RIH w/2-7/8" tbg. POOH w/3-1/2" tbg. LD 411 jts, X0, on-off skirt. SDFN. DC: \$3,626 TC: \$107,888
- 1/27/93 RIH & LD rods. PU on-off tool. RIH w/240 jts 2-7/8". Latch onto on-off tool on top of pkr @ 12,400'. Land 2-7/8" w/hanger w/8000# compression. PU mill shoe (1' long). RIH w/36 jts 1.66" OD tbg, X0, 46 jts 2-3/8" TC NuLock, X0, 133 jts 2-3/8" 8rd. Land w/hanger. ND BOP, NU WH. DC: \$3,450 TC: \$111.338
- 1/28/93 Prep to pull plug, put well on production. RIH w/rods & LD 128 1", 138 - 7/8", 138 - 3/4", 7 - 1". SDFN. DC: \$2,378 TC: \$113,716
- 1/29/93 Flow or swab well. ND WH. PU on 2-7/8" tbg, get off of on-off tool. NU WH. Unable to rev tbg. Circ 2-3/8" & csg w/100 bbls hot wtr. Pump down csg, out tbg 60 bbls. ND WH. PU on 2-7/8". Land tbg w/8000# tension. RU Delsco. RIH & attempt to retrieve plug without success. Swab well down to 3000'. RIH w/Delsco & retrieve plug. RD Delsco, leave open to trtr on 32/64" chk. DC: \$4,606 TC: \$118,322
- 1/30/93 Well on production. 1st swab run 1000'. Made 1 more run rec'g ±12 bbls total. Well started flwg. Put well to treater. DC: \$7,595 TC: \$125,917
- 1/30/93 Flwd 237 B0, 7 BW, 319 MCF, FTP 80#, 25/64" chk, 20 hr.
- 1/31/93 F1wd 347 B0, 34 BW, 276 MCF, FTP 250#, 25/64" chk.
- 2/1/93 Flwd 245 BO, 11 BW, 177 MCF, FTP 200#, 25/64" chk.
- 2/2/93 Flwd 36 BO, 2 BW, 33 MCF, FTP 150#, 25/64" chk. Attempt to cut wax, could not get past 30'. Will hot oil today.
- 2/3/93 F1wd 347 BO, 126 BW, 252 MCF, FTP 275#, 27/64" chk.
- 2/4/93 Flwd 233 BO, 94 BW, 182 MCF, FTP 150#, 27/64" chk.

Prior prod: 16 BO, 273 BW, 5 MCF. Final report.

CHRONOLOGICAL HISTORY

CHRISTENSEN #2-29A4 (CO, PERF & ACDZ) ALTAMONT FIELD DUCHESNE COUNTY, UTAH WI: 56.55597% ANR AFE: 64418 TD: 15,300' (WASATCH) SD: 6/13/91 CSG: 5" LINER @ 13,024'-15,298'; PBTD: 15,244' PERFS: 12,531'-15,239' CWC(M\$): 126.1

1/13/93 MIRU. DC: \$2,310 TC: \$2,310

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- 1/14/93 POOH w/2-7/8" tbg. LD polish rod, ponies. POOH w/128 1", 138 -7/8", 138 - 3/4", 7 - 1" and 2-1/2" x 1-1/2" rod pump. ND WH. Install BOP. POOH w/133 jts 2-3/8" 8rd, 46 stds Nu-Lock, 43 jts 1.66 tbg. DC: \$3,957 TC: \$6,267
- 1/15/93 RIH w/4-1/8" CO tools. POOH w/228 jts 2-7/8" tbg. PU 4-1/8" OD liner CO tools. RIH w/72 jts 2-3/8" tbg. SWI @ 5:30 p.m. DC: \$3,553 TC: \$9,820
- 1/16/93 Finish POOH w/CO tools. Finish RIH w/2-7/8" tbg, tag @ 13,573'. DO 2-1/2 feet scale. RIH tagging scale to PBTD @ 15,249'. POOH. LD 81 jts 2-7/8". POOH w/50 stds. SWI @ 5:30 p.m. DC: \$4,357 TC: \$14,177
- 1/18/93 Prep to perforate. POOH w/120 stds 2-7/8" tbg, 72 jts 2-3/8" & CO tools. Tally 3-1/2" tbg. PU & RIH w/96 jts. POOH standing back. SWI @ 5:00 p.m. DC: \$6,292 TC: \$20,469
- 1/19/93 Finish RIH w/3-1/2" tbg. RU Cutters. Perf Wasatch @ 12,531'-15,206'
 (309 holes) w/120 deg phasing.

<u>Run_#</u>	<u>Depth</u>	<u>Holes</u>	<u>PSI</u>
1 2 3 4 5 6 7	15,206-13,509' 13,469-13,170' 13,166-13,041' 13,154-13,041' 13,016-12,811' 12,798-12,603' 12,579-12,531'	60 60 33 15 60 60 21	0 0 0 0 0 150
			+ 20

RD Cutters. PU profile nipple, $1 - 6 \times 2-7/8$ " pup (below pkr), 7" Mtn States pkr, on/off tool. RIH w/126 jts 3-1/2" tbg, hydrotesting to 8500 psi. DC: \$26,450 TC: \$46.919

- 1/20/93 Finish RIH, prep to acidize. RIH w/3-1/2" tbg to 5740' hydrotesting to 8500 psi. Well started flwg. Circ well w/400 bbls to kill. Cont RIH w/3-1/2" tbg, 320 jts total. SWI @ 6:00 p.m. DC: \$6,082 TC: \$53,001
- 1/21/93 Prep to acdz. Circ 200 bbls down tbg to kill. Finish RIH w/3-1/2" tbg, hydrotest to 8500 psi. Set pkr @ 12,400'. Test to 2000 psi. RU Smith. Unable to get job off. SWI @ 4:00 p.m. DC: \$8,959 TC: \$61,960
- 1/22/93 Well flwg. Put 2000 psi on csg w/rig pump. NU Smith test lines. Pmpd 20,000 gal 15% HCl w/980 - 1.1 BS's. MIP 8900#, AIP 8400#, AIR 25 BPM. ISIP 4560#, 15 min SIP 2280#. 1044 BLTBR. Frac grad .803. RDMO Smith. NU flowline. Open well, flwd 12 bbls, died. RU swab. Swbd 17 total runs w/FFL @ 1500'. Well flwd after rec 130 bbls. Flwd to tank for 2 hrs. Put well down flowline @ 5:00 p.m., 1/22/93. DC: \$36,794 TC: \$98,754

Tivision of Oil, Gas and Mining		
"OPERATOR CHANGE WORKSHEET	-	Routing: KH
Attack all decomposition many of the the training		1 LEC-57 2 DTS &-FILE
Attach all documentation received by the division r		
Initial each listed item when completed. Write N/A	A if item is not applicable.	3-1220
M.		4-PST NV
🕅 Change of Operator (well sold)	Designation of Agent	5-120
Designation of Operator	Operator Name Change Only	6-FILM
The operator of the well(s) listed below	has changed (EFFECTIVE DATE:	12–27–95
TO (new operator) COASTAL OIL & GAS CORP	FROM (former operator)	ANR PRODUCTION CO INC
(address) <u>PO BOX 749</u>	(address)	PO BOX 749
DENVER CO 80201-0749		DENVER CO 80201-0749
phone (303)572-1121		phone (303)572-1121
account no. <u>N 0230 (B)</u>		
		account no. <u>N0675</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API:03-31303	Entity:	Sec	Twp	Rna	lease	Type:
Name:	API:	Entity:					Type:
Name:	API:	Entity:					Type:
Name:	API:	Entity:					
Name:	API:	Entity:					
Name:	API:	Entity:					Type:
Name:	API:	Entity:			Rng		

OPERATOR CHANGE DOCUMENTATION

- Let 1. (Rule R615-8-10) Sundry or other <u>legal</u> documentation has been received from <u>former</u> operator (Attach to this form). *[Lect 38-96]*
- Lee 2. (Rule R615-8-10) Sundry or other <u>legal</u> documentation has been received from <u>new</u> operator (Attach to this form). *[lec'd 3-8-96*]
- NA 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- 4. (For Indian and Federal Hells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lec 5. Changes have been entered in the Oil and Gas_Information System (Wang/IBM) for each well listed above. (3-11-96)(4-3-96/Indian)(4-15-96/Fee C.A.'s)(8-20-96/Indian C.A.'s)
 - 16. Cardex file has been updated for each well listed above.
- 4C7. Well file labels have been updated for each well listed above.
- 2.8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. $(3-11-91_{0})$
- 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

- (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach <u>copies</u> of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Survey No. UL05382-1 (\$80,000) United Pacific Ins. Co.

- Lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- # Upon Compl. of routing. _____2. A copy of this form has been placed in the new and former operators' bond files.
- <u>LC</u> 3. The former operator has requested a release of liability from their bond (yes <u>mo</u>) ____. Today's date <u>march 11</u>, 19<u>96</u>. If yes, division response was made by letter dated ______ 19__. (*Same Bond & Coastel*]

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated ______ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- ____2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

.1.	h	-					-			microfilmed.			1 . 1	1	9-	7
ν	1	1.	ALL	attachments	to	this	form	have	heen	microfilmed	Dates			/ 10	117	F
+		• •				01110	1011		000011	interor ruleo.	Duit.	·····	L		<u> </u>	•

FILING

- ____ 1. <u>Copies</u> of all attachments to this form have been filed in each well file.
- ____2. The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.

COMMENTS

4

			lf Indian,	· · · · · · · · · · · · · · · · · · ·	LOCATION	OF WELL		<u> </u>
		Lease Designation	Allottee or			Section, Township		
Well Name & No.	API No.	& Serial Number	Tribe Name	CA No.	Footages	& Range	Field	County
Brotherson 1-33A4	43-013-30272	Detected 1/ 0a						
Brotherson 2-10B4	43-013-30443	Patented 1080	N/A	N/A	820' FNL & 660' FEL	NENE, 33-1S-4W	Altamont	Duchesne
		Patented 1615	N/A	N/A	1241' FSL & 1364' FWL	SESW, 10-2S-4W	Altamont	Duchesne
Brotherson 2-14B4	43-013-30815	Fee 0450	N/A	N/A	2557' FSL & 1642' FWL	NESW, 14-2S-4W	Altamont	Duchesne
Brotherson 2-15B4	43-013-31103	Fee 1771	N/A	N/A	996' FWL & 1069' FSL	SWSW, 15-2S-4W	Altamont	Duchesne
Brotherson 2-22B4	43-013-31086	Fee 1782	N/A	N/A	1616' FWL & 1533' FSL	NESW, 22-2S-4W	Altamont	Duchesne
Brotherson 2-2B5	43-013-31302	Fee 1/342	N/A	N/A	1034' FSL & 2464' FEL	SWSE, 2-2S-5W	Altamont	Duchesne
Christensen 2-29A4	43-013-31303	Fee //235	N/A	N/A	1425' FSL & 2131' FEL	NWSE, 29-1S-4W	Altamont	Duchesne
Crook 1-6B4	43-013-30213	Patented 1825	N/A	N/A	2485' FNL & 1203' FEL	SENE, 6-2S-4W	Altamont	Duchesne
Dastrup 2-30A3	43-013-31320	Fee 11253	N/A	N/A	1250' FSL & 1229' FWL	SWSW, 30-1S-3W	Altamont	Duchesne
Doyle 1-10B3	43-013-30187	Patented 80	N/A	N/A	2382' FNL & 2157' FWL	SENW, 10-2S3W	Bluebell	Duchesne
Duncan 2-9B5	43-013-30719	Fee 2410	N/A	N/A	1701' FWL & 1554' FSL	NESW, 9-2S-5W	Altamont	Duchesne
Ehrich 3-11B5	43-013-31080	Fee 1/91	N/A	N/A	1654' FSL & 1754' FWL	NESW, 11-2S-5W	Altamont	Duchesne
Elder 1-13B2	43-013-30366	Patented 1905	N/A	N/A	1490' FNL & 1334' FEL	SWNE, 13-2S-2W	Bluebell	Duchesne
Ellsworth 1-17B4	43-013-30126	Patented 1695	N/A	N/A	763' FNL & 1189' FEL	NENE, 17-2S-4W	Altamont	Duchesne
Ellsworth 1-19B4	43-013-30183	Patented 1760	N/A	N/A	2043' FNL & 1764' FEL	SWNE, 19-2S-4W	Altamont	Duchesne
Ellsworth 1-20B4	43-013-30351	Patented 1900	N/A	N/A	1744' FNL & 1342' FEL	SWNE, 20-2S-4W	Altamont	
Ellsworth 1-8B4	43-013-30112	Fee 1655	N/A	N/A	1755' FNL & 2377' FEL	SWNE, 8-2S-4W	Altamont	Duchesne
Ellsworth 2-17B4	43-013-31089	Fee 1696	N/A	N/A	1355' FWL & 1362' FSL	NESW, 17-2S-4W	Altamont	Duchesne
Ellsworth 2-19B4	43-013-31105	Fee 176	N/A	N/A	1402' FSL & 1810' FWL	NESW, 19 -2S-4W		Duchesne
Ellsworth 2-20B4	43-013-31090	Fee 1902	N/A	N/A	677' FWL & 1611' FSL	NWSW, 20-2S-4W	Altamont	Duchesne
Ellsworth 3-20B4	43-013-31389	Fee 11488	N/A	N/A	1500' FNL & 1203' FWL		Altamont	Duchesne
Farnsworth 1-12B5	43-013-31024		N/A	N/A	2479' FNL & 1503' FEL	SWNW, 20-2S-4W SWNE, 12-2S-5W	Altamont	Duchesne
Farnsworth 1-13B5	43-013-30092	Patented 1610	N/A	N/A	670' FNL & 1520' FEL		Altamont	Duchesne
Farnsworth 1-7B4	43-013-30097	Patented 600	N/A	<u>N/A</u>	1923' FNL & 1095' FEL	NWNE, 13-2S-5W	Altamont	Duchesne
Farnsworth 2-12B5	43-013-31115	Fee 1646	N/A	N/A	993' FSL & 768' FWL	SENE, 7-2S-4W	Altamont	Duchesne
Farnsworth 2-7B4	43-013-30470	Patented 1935	N/A	N/A		SWSW, 12-2S-5W	Altamont	Duchesne
Fieldstead 2-28A4	43-013-31293	Fee ///77	N/A	N/A	1292' FSL & 1500' FWL	SESW, 7-2S-4W		Duchesne
Galloway 1-18B1	43-013-30575	Fee 2365	N/A	N/A	2431' FSL & 2212' FWL	NESW, 28-1S-4W	Altamont	Duchesne
Hanskutt 2-23B5	43-013-30917		N/A N/A		1519' FNL & 1565' FEL	SWNE, 18-2S-1W	Bluebell	Duchesne
Hanson 1-24B3	43-013-30629	Fee 1600 Fee 2390	N/A N/A	N/A	951' FSL & 761' FWL	SWSW, 23-2S-5W	Altamont	Duchesne
Hanson 2-9B3	43-013-31136	Fee 0.455		<u>N/A</u>	1354' FNL & 1540' FWL	NENW, 24-2S-3W	Bluebell	Duchesne
Hanson Trust 1-32A3	43-013-30141		N/A	<u> </u>	1461' FWL & 1531' FSL	NESW, 9-2S-3W	Altamont	Duchesne
Hanson Trust 1-5B3	43-013-30109		N/A N/A	<u>N/A</u>	671' FNL & 1710' FEL	NWNE, 32-1S-3W	Altamont	Duchesne
Hanson Trust 2-29A3	43-013-31043			N/A	1200' FNL & 1140' FWL	NENE, 5-2S-3W	Altamont	Duchesne
Hanson Trust 2-32A3	43-013-31072	Fee 102.05	N/A	N/A	1857' FWL & 1394' FSL	NESW, 29-1S-3W	Altamont	Duchesne
Hanson Trust 2-5B3	43-013-31072	Fee 1641	N/A	N/A	1141' FWL & 1602' FSL	NWSW, 32-1S-3W	Altamont	Duchesne
Hartman 1-31A3		Fee 1/03/0	N/A	N/A	1606' FSL & 1482' FWL	NESW, 5-2S-3W	Altamont	Duchesne
Hartman 2-31A3	43-013-30093	Fee 5725	N/A	N/A	1019' FNL & 1024' FEL	NENE, 31-1S-3W	Altamont	Duchesne
Hunt 1-21B4	43-013-31243	Fee //02/e	N/A	<u>N/A</u>	2437' FSL & 1505' FWL	SWSW, 31-1S-3W	Altamont	Duchesne
	43-013-30214	Patented 1840	N/A	N/A	1701' FNL & 782' FEL	SENE, 21-2S-4W		Duchesne
Hunt 2-21B4	43-013-31114	Fee /839	N/A	N/A	1512' FWL & 664' FSL	NESW, 21-2S-4W	Altamont	Duchesne
lorg 2-10B3	43-013-31388	Fee //482	N/A	<u>N/A</u>	738' FNL & 660' FEL	NENE, 10-2S-3W	Altamont	Duchesne
Lake Fork 3-15B4	43-013-31358	Fee //378	N/A	<u>N/A</u>	1300' FNL & 1450' FWL	NENW, 15-2S-4W		Duchesne
Lawrence 1-30B4	43-013-30220	Fee /845	N/A	N/A	919' FNL & 1622' FEL	NWNE, 30-2S-4W	Altamont	Duchesne
Lawson 1-28A1	43-013-30358	Fee (90)	N/A	N/A	2275' FSL & 1802' FEL	NWSE, 28-1S-1W		Duchesne
Lazy K 2-14B3	43-013-31354	Fee 1/452	N/A	N/A	1670' FSL & 1488' FEL	NWSE, 14-2S-3W		Duchesne
Lindsay 2-33A4	43-013-31141	Fee 10457	N/A	N/A	1499' FWL & 663' FSL	SESW, 33-1S-4W		Duchesne
Lotridge Gates 1-3B3	43-013-30117	Patented 1670	N/A	N/A	965' FNL & 750' FEL	NENE, 3-2S-3W		Duchesne
Matthews 2-13B2	43-013-31357	Fee //374 Fee //489	N/A	N/A	858' FNL & 1098' FWL	NWNW, 13-2S-2W		Duchesne
Meeks 3-8B3	43-013-31377	Fee 11489	N/A	N/A	1065' FNL & 1124' FWL	NWNW, 8-2S-3W		Duchesne

	5. Lease Designation and See Attached	Serial Number:			
SUNDRY NOTICES AND REPORTS C	6. If Indian, Allottee or Tribo See Attached	Name:			
Do not use this form for proposals to drill new wells, deepen existing wells, or to reent Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for su					
1. Type of Well: OIL X GAS OTHER:	8. Well Name and Number: See Attached				
2. Name of Operator: Coastal Oil & Gas Corporation	9. AP! Well Number: See Attached				
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	(303) 573-4455 10. Field and Pool, or Wildca See Attached	.t:			
 Location of Well Footages: See Attached QQ, Sec., T., R., M.: See Attached CHECK APPROPRIATE BOXES TO INDICAT 	county: See Attac state: Utah E NATURE OF NOTICE, REPORT, OR OTHER				
NOTICE OF INTENT	SUBSEQUENT REPORT	DATA			
(Submit In Duplicate)	(Submit Original Form Only)				
Abandon New Construction Repair Casing Pull or Alter Casing Change of Plans Recompletion Convert to Injection Perforate Fracture Treat or Acidize Vent or Flare Multiple Completion Water Shut–Off Other Approximate date work will start	Abandon * New Construct Repair Casing Pull or Alter C Change of Plans Perforate Convert to Injection Vent or Flare Fracture Treat or Acidize Water Shut-C X Other Change of Operator Date of work completion Report results of Multiple Completions and Recompletions to different re COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.	Dasing			
 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and giv vertical depths for all markers and zones pertinent to this work.) 	e pertinent dates. If well is directionally drilled, give subsurface locations and meas	ured and true			
Please be advised that effective December 27, 1995, ANR Proc assumed operations for the subject wells (see attached). Bond provided by Coastal Oil & Gas Corporation under the followin #U605382-9, and BIA Nationwide Bond #11-40-66A. Coa under the terms and conditions of the leases for the operations	coverage pursuant to 43 CFR 3104 for lease activitie g bonds: State of Utah #102103, BLM Nationwide 1 stal Oil & Gas Corporation, as operator, agrees to b	es is being			

kn m

Bonnie Carson, Sr. Environmental & Safety Analyst ANR Production Company

13. heila Brimer Name & Signature:

ß E ß \mathbb{W} 0 MAR _ 8 1996 OV OF OIL, GAS & MINING

Sheila Bremer Environmental & Safety Analyst Title: Coastal Oil & Gas Corporation Date:

03/07/96

(This space for State use only)

*		5. Lease Designation and Serial Number: ${f Fee}$
SUNDRY NOTICES AND REPORTS O	ON WELLS	6. If Indian, Allottee or Tribe Name: N/A
Do not use this form for proposals to drill new wells, deepen existing wells, or to reentuuse APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for su		7. Unit Agreement Name: N/A
. Type of Well: OIL X GAS OTHER:		8. Well Name and Number: Christensen #2-29A4
Name of Operator: Coastal Oil & Gas Corporation		9. API Well Number: 43-013-31303
Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	(303) 573-4455	10. Field and Pool, or Wildcat: Bluebell/Altamont
Location of Well Footages: 1425' FSL & 2131' FEL		County: Duchesne
aq, sec., T., R., M.: NW/SE Section $29 - T1S - R4W$		state: Utah
1. CHECK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, F	EPORT. OR OTHER DATA
NOTICE OF INTENT (Submit In Duplicate)	SUBSI	EQUENT REPORT it Original Form Only)
Abandon New Construction Repair Casing Pull or Alter Casing Change of Plans Recompletion Convert to Injection Perforate Fracture Treat or Acidize Vent or Flare Multiple Completion Water Shut–Off Other	Abandon * Abandon * Repair Casing Change of Plans Convert to Injection Fracture Treat or Acidize X Other Lower Seat Nipple Date of work completion Report results of Multiple Completion COMPLETION OR RECOMPLETION * Must be accompanied by a cement v	5/20/96 Sris and Recompletions to different reservoirs on WELL REPORT AND LOG form.
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and givertical depths for all markers and zones pertinent to this work.) Please see the attached chronological history for work perform		
DECEIVE JUN 1 4 1997 DIV. OF OIL, GAS & M	INING	
з. /	Sheila Breme:	.

Name & Signature:	pila Bremi	/ Sheila Bremer 	<u>11/96</u>

(This space for State use only)

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CHRONOLOGICAL HISTORY

CHRISTENSEN #2-29A4 (LWR SN) ALTAMONT FIELD DUCHESNE COUNTY, UTAH WI: 56.55597% ANR AFE: TD: 15,300' (WASATCH) SD: 6/13/91 CSG: 5" LINER @ 13,024'-15,298'; PBTD: 15,244' PERFS: 12,531'-15,239'

5/15/96 Flush tbg, attempt setting 7" anchor catcher. Start rig. MIRU, LD horse head & polish rod, POOH. 1" pin bottom of 56" rod # 1400'. RIH w/fishing tool, catch fish, unseat pump, flush rods w/70 bbls, reseat pump. Press test 500#, held. Unseat pump. POOH w/pump, LD 2 rods above & 1 rod below part. Change over to run tbg, putt on BOPs, rls A/C, PU 43 jts. Try to set A/C, wouldn't set, pull up 1 jt, attempt to set A/C, wouldn't set. CC; \$3450. 5/16/96 Ready to change over & run rods. Start rig, flushed tbg w/100 bbls, try to set A/C, wouldn't set. POOH w/7" MSOT A/C, check out A/C, wouldn't set. Waxed up on scale, change out A/C. RIH w/tbg, change out 4 crimped jts, set A/C w/28,000# tension. Take off BOPs, land tbg, NU WH. SN @ 11,796.64', A/C @ 11,901.09', EOT @ 11,903.94'. CC: \$9612. 5/17/96 Well on production @ 1:00 pm, ready to rig down. Start rig, change over to run rods, PU 11/2" Highland pump. RIH w/7-1", 92-3/4" slick, 46-3/4" w/g Dplus, PU 46-3/4" EL Slick & 9-EL 3/4" w/g D-plus rods. RIH w/7/6" rods & 1" rods, space out pump, PU polish rod & horse head, fill tbg w/47 bbls, press test 500#. Stroke unit, press test 500#, held. Clean WH, get ready to rig down, too windy. Well on production @ 1:00 pm. CC: \$17,244. 5/20/96 Well on production @ 1:00 pm 5/17/96 - job completed. Start rig, check well - okay. RD, get ready to road rig. Job completed. CC: \$18,978.

Form 3760-5 (November 1994)		D STATES		۲	Budget Bure Expires Ju	APPROVED au No. 1004-0135 lly 31, 1996
v					5. Lease Serial No.	
	SUNDRY NOTICES Do not use this form for pandoned well. Use For	proposals to drill o	r to re-enter an		13591 6. If Indian, Allotted	e or Tribe Name
SU	IBMIT IN TRIPLICATE	- Other instruction	s on reverse side		7. If Unit or CA/A	greement, Name and/or N
1. Type of Well Oil Gas Well X Well 2. Name of Operator	Other				8. Well Name and I Christensen	No.
Coastal Oil & Gas Corporation					# 2-29A4 9. API Well No.	
3a. Address			3b. PhoneNo. (include area	code)	43-013-31303	
P.O. Box 1148, Vernal UT 84078 Location of Well (Footage, Sec., T., R., M., or SurveyDescription)			(435)-781-7023	<u></u>	10. Field and Pool,	or Exploratory Area
4. Location of Well (Footage, S NE/SE Sec.29, T1S					Altamont	
NE/SE SEC.29,113	, NHW IHEJIJE OL	.191 LL			11. County or Paris	h, State
×					Duchesne	Utah
12.	CHECK APPROPR	IATE BOX(ES) TO IN	DICATE NATUREOF NO	TICE, REPORT	,OROTHERDATA	
	UBMISSION			PE OF ACTION		
) 				This is the Off
X Notice of Subsequer Final Aba		Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug and Abandon	Reclamation		Water Shut-Off Well Integrity Other <u>Wasatch/UTT</u>
		Convert to Inject	ion 🗌 Plug Back	Water Dis	posal	
Attach the Bond under following completion of testing has been comp determined that the fin Coastal Oil & the Upper Tert	deepen directionally or recomp r which the work will be per- of the involved operations. If pleted. Final Abandonment al site is ready for final inspect Gas Corporation rec iary Transition Zor o the attached prop	formed or provide the h the operation results in lotices shall be filed onl ion.) quests authoriza nes.	a multiple completion or reco y after all requirements, incl	BIA. Required su ompletion in a net luding reclamation	w interval, a Form 31 h, have been complete	60-4 shall be filed once ed, and the operator has
	:	Approved by t	he			
COPY SENT TO OPER Date: 23-3 Initiat: CH/	D By: }	ulzulan 1			JUL 2 6	<u>VE</u> 1999 S & MINING
14. I hereby certify that the fo Name(Printed/Typed) Cheryl Came			Title	nmental Ana	lyst	<u>+ 11</u>
74/	<u> </u>		Date July 14,	1999		
	THIS	S SPACE FOR FED	ERAL OR STATE OF	FICE USE		
Approved by			Title		Date	
certify that the applicant ho	ny, are attached. Approval c lds legal or equitable title to cant to conduct operations the	those rights in the sub	varrant or Office ject lease		I	
Title 18 U.S.C. Section 100	01, makes it a crime for an resentations as to any matter w	y person knowingly and	willfully to make to any de	partmentor agenc	cy of the United State	es any false, fictitious or

(Instructions on reverse)

COASTAL OIL & GAS CORPORATION

CHRISTIANSEN 2-29A4 Section 29-T1S-R4W Duchesne County, Utah

Workover Procedure - Perforate UTT, Acidize

WELL DATA

TD:	15,300'	PBTD	: 15,255'	
ELEVATION:	6,551' GL	6,573'	RKB	
WATER STRING:	13 3/8", 55#, J-	55, STC @ 240', cm	t w/ 300 sx. circ to surface	
SURFACE CASING:	9 5/8", 40#, CF	-95, LTC @ 6,034',	cmt w/ 1,830 sx.	
INTERMEDIATE LINER:	7", 26#, CF-95, LTC fm: 5,762' – 13,308', cmt w/ 1,600 sx. ID = 6.276", Drift = 6.151", Pb = 8,600 PSI, Pc = 5,880 PSI			
PRODUCTION LINER:	5", 18#, CF-95, AB FL4S fm: 15,298' – 13,024', cmt w/ 280 sx. ID = 4.276", Drift = 4.151", Pb = 12,040 PSI, Pc = 12,030 PSI			
PRODUCTION TUBING:	2 7/8", 6.5#, N-	-80, EUE @ 11,901'		
TUBING ANCHORS:	7" @ 11,901'			
PERFORATIONS:		11,566' – 12,523' (R 12,531' – 15,239' (E	•	
WELLBORE FLUID:	Produced Gas	& Water		

RECOMMENDED PROCEDURE:

- 1. MIRU completion unit c/w BOPE. ND tree, NU BOPE. Release the tubing anchor and POOH with the 2 7/8" tubing.
- 2. TIH with a 3 1/8" casing gun loaded 3 JSPF, 120° phasing, centralized and perforate the following interval:

Wasatch:	12,513' – 13,339' 84 holes)
	(see attached detail sheet)

Perforations are based on Cutter's GR/CBL/CCL log runs #1 dated August 22, 1991. Correlate guns using CCL tools. RDMO electric line unit.

- TIH with a 7" Retrievamatic packer on 2 7/8" tubing and set at 12,500' ±. MIRU well treaters and acidize the Wasatch interval 12,513' 15,239' w/ 11,000 gallons of 15% HCL plus additives according to the attached treating schedule. Swab test well to recover load. POOH with the 2 7/8" tubing.
- 4. MIRU electric line unit c/w packoff type BOPE. TIH with a 6" GRJB to 12,700'±. TIH with a 7" CIBP, setting at 12,500'. Dump bail 2 sx. of cement on top of the CIBP.

1

Page 2

Christiansen 2-29A4: Perforate UTT, Acidize and Install Rotaflex Pump July 13, 1999

5. TIH with a 3 1/8" casing gun loaded 3 JSPF, 120° phasing, centralized and perforate the following interval:

UTT:

11,566' – 12,437' (201 holes) (see attached detail sheet)

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Perforations are based on Cutter's GR/CBL/CCL log runs #1 dated August 22, 1991. Correlate guns using CCL tools. RDMO electric line unit.

- 6. TIH with a 7" Baker Retrievamatic packer on 2 7/8" tubing, setting same @ 11,500'±. Hydrotest tubing in hole to 8,500 PSI.
- 7. MIRU well treaters and acidize the UTT interval 11,566' 12,523' w/ 8,000 gallons of 15% HCL plus additives according to the attached treating schedule.
- 8. Swab test well to recover load. Continue testing as directed by engineering.
- 8. Release packer and POOH. TIH with a 6" bit and drill out the CIBP at 12,500'. POOH.
- 9. Set Rotaflex pumping equipment c/w P.O.C. TIH with downhole pumping assembly and set as directed by engineering. Hang well on pumping unit.
- 10. Release well to production.

Approved:

Technical Manager

Recommended:

Production Superintendent

Recommended: roječt Engineer

DRA

THE COASTAL CORPORATION GREATER ALTAMONT FIELD CHRISTIANSEN #2-29A4 Section 29-T1S-R4W Duchesne County, Utah

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Perforation Schedule

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Cutter's CBL (8/22/91)

STAGE 2		
11,566'	12,076'	13,081'
11,569'	12,078'	13,083'
11,571'	12,070	13,085'
11,575'	12,103'	10,000
	12,108'	13,150'
11,603'	12,113'	13,155'
11,605'	12,119	13,158'
11,614'	12,150	13,160'
11,615'	12,195'	15,100
11,621'	12,175	13,239'
11,653'	12,203'	13,241'
	12,203	13,265'
11,708'		
11,713'	12,224'	13,270'
11,721'	12,229'	13,272'
11,727'	12,234'	13,286'
11,732'	12,236'	10.0012
11,738'	12,260'	13,331'
11,747'	12,262'	13,335'
11,753'	12,265'	13,337'
11,761'	10,000	13,339'
11,766'	12,322'	
11,779'	12,326'	
11,786'	12,348'	
11,799'	12,352'	
	12,354'	
11,801'		
11,812'	12,405'	
11,850'	12,429'	
11,853'	12,437'	
11,864'		
11,881'	STAGE 1	
11,889'		
11,007	12,513'	
11,914'	12,523'	1
11,939'	12,533'	4
11,942'	12,538'	
11,955'	14,000	
11,958'	12,625'	
11,961'	12,627'	
11,971'	12,629'	
11,976'	12,663'	
11,770	1 <i>m</i> g() () J	
12,014'	12,927'	
12,014	12,930'	
12,024'	12,951'	
12,074'	1 J J J J L	
14,077		

Well Name	Christiansen 2-29A4		Date:	6/25/99) .
		1 Stage	· · · · · · · · · · · · · · · · · · ·		
Fluid	Stage	**% KCI	Gelled 10 ppg Brine	15 % Acid Vol.	Ball Sealers
Description	Ħ.	<u>(Gal)</u>	<u>(Gal)</u>	<u>(Gal)</u>	<u>(#, Sg)</u>
Pad	1	5,000			
Acid	2			2,500	125
Divertor	3		2,000		
Acid	4			4,000	185
Divertor	5		2,000		
Acid	6			4,500	215
Divertor	7		1,500		
Acid	8			5,000	250
Divertor	9		1,000		
Acid	10			6,000	300
Flush	11	6,000			
Totals	(gals):	11,000	6,500	22,000	1075, 1.3 S.G
	(bbls):	262	155	524	

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Gelled Saltwater to contain:	_0_ppg BAF		
	_1_ppg Rock Salt		
	N Crosslinked?	WF140 gel	
N/ KOLLE LE LEGENSENDE N		······	
% KCI to be determined by M Perforations from 12,51	like Angus to match format	······	

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Coastal/ANR

Cost Estimate for Acid Stimulation

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Christiansen 2-29A4

				Da	ay #1		
ltem			Quanti		Cost/Un	it	Total Cost
<u>Services:</u>							
Pump Truck			4	ea	\$4,600.00 /	еа	\$18,400.00
Blender			1	еа	\$1,480.00 /	за	\$1,480.00
Acid Transport		2 units	8	3 hr	\$100.00 /	hr	\$800.00
Iron Truck			4	l hr	\$78.00 /	hr	\$312.00
Chemical Truck			1	ea	\$78.00 /	hr	\$78.00
Backside Pump			1	ea	\$940.00 /	ea	\$940.00
Ball Injector			5	ea	\$640.00 /	за	\$3,200.00
Ball Sealers			975	ea	\$2.60 /	ea	\$2,535.00
Pop-off valve			2	ea	\$360.00 /	ea	\$720.00
Suction Manifold	l/tank		3	ea	\$170.00 /	ea	\$510,00
Hopper for Diver	ting Agents		1	ea	\$640,00 /		\$640.00
8" flow meter			1	ea	\$790.00 /	ea	\$790.00
Treatment Monil	tor		1		\$740.00 /	ea	\$740.00
Mileage	9 units	60 mi	540		\$3.47 /		\$1,873.80
Mil. TCV/TS	2 units	60 mi	120	mi	\$2.15 /	mi	\$258.00
			0	mi			
Materials:							
15% HCI			22,000	gal	\$2.33 /g	al	\$51,260.00
M290 Bacteriaci	de			gal	\$72.00 /g	al	\$108.00
L55 Clay Stabiliz	er		44	gal	\$47.62 /g	al	\$2,095.28
J429 Friction Re	ducer		40	gal	\$46.66 /g	al	\$1,843.07
J424 Gelling Age	ent		260	lbs	\$6.93	/lb	\$1,801.80
A261 Inhibitor			110	gal	\$66.55 /g	al	\$7,320.50
W54 Non-emuls	ifying Agent		62	gal	\$48.72 /g	al	\$2,996.28
L401 Iron Stabili				gal	\$18.11 /g	al	\$3,984.20
L62 Iron Stabiliz	er		400		\$13,73		\$5,492.00
J66 Rock Salt			6,500	lbs	\$0 25 /	/lb	\$1,625.00

Total Cost (Services and Materials):

\$111,802.93

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Total Cost After Discount:

\$41,831.23

Well Name	Chris	stiansen 2-29A4	Date:	6/25/99	
		2nd Stage	-		•
Fluid	Stage	**% KCI	Gelled 10 ppg Brine	15 % Acid Vol.	Ball Sealers
Description	<u>#</u>	<u>(Gal)</u>	<u>(Gal)</u>	<u>(Gal)</u>	<u>(#, Sg)</u>
Pad	1	2,500			
Acid	2			6,200	310
Flush	11	5,500			
Totals	(gals):	8,000		6,200	310, 1.3 S.G.
	(bbls):	190		148	[

Gelled Saltwater to contain:

_0_ppg BAF

_0_ppg Rock Salt

__N_Crosslinked?

WF140 gel

% KCI to be determined by Mike Angus to match formation salinity

Perforations from 11,566' - 12,437'

Packer set @ 11,500'

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Treatment down 2 7/8" tubing @ 8,000 psi MTP

Coastal/ANR

Cost Estimate for Acid Stimulation

4

Christiansen 2-29A4

					Day #2		
ltem			Quanti	ity		Cost/Unit	Total Cost
Services:							
Pump Truck			4	l ea		\$4,600.00 /ea	\$18,400.00
Blender			1			\$1,480.00 /ea	\$1,480.00
Acid Transport		1 units	4	4 hr		\$78.00 /hr	\$312.00
Iron Truck			4	4 hr		\$78 00 /hr	\$312.00
Chemical Truck			0	ea		\$400.00 /ea	\$0.00
Backside Pump			1	ea		\$940.00 /ea	\$940.00
Ball Injector			2	ea		\$640.00 /ea	\$1,280.00
Ball Sealers			310	ea		\$2.60 /ea	\$806.00
Pop-off valve			2	ea		\$360.00 /ea	\$720.00
Suction Manifold			0	ea		S170.00 /ea	\$0.00
Hopper for Diver	ting Agents		0	ea		S640.00 /ea	\$0.00
8" flow meter			1	ea		\$790.00 /ea	\$790.00
Treatment Monil			1	ea		S740.00 /ea	\$740.00
Mileage	7 units	60 mi	420			\$3.47 /mi	\$1,457.40
Mil. TCV/TS	1 units	60 mi	60	mi		\$2.15 /mi	\$129.00
			0	mi			
Materials:							
15% HCI			6,200	oal		\$2.33 /gal	\$14,446.00
M290 Bacteriacio	de		1	gal		\$72.00 /gal	\$99.00
L55 Clay Stabiliz	er			gal		\$47.62 /gal	\$590,49
J429 Friction Re	ducer			gal		\$46.66 /gal	\$662.57
J424 Gelling Age	ent		0	lbs		\$6.93 /lb	\$0.00
A261 Inhibitor	-		31	gal		\$66.55 /gal	\$2,063.05
W54 Non-emulsi	fying Agent			gal		\$48.72 /gai	\$993.89
L401 Iron Stabili				gal		\$18.11 /gal	\$1,122.82
L62 Iron Stabilize	er		163			\$13.73 /lb	\$ 2,237.99
J66 Rock Salt				lbs		\$0.25 /lb	\$0.00

Total Cost (Services and Materials):

\$49,582.21

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Total Cost After Discount:

\$17,790.87

CHRISTENSEN 2-29A4 Section 29-T1S-R4W Altamont Field Duchesne Field, Utah

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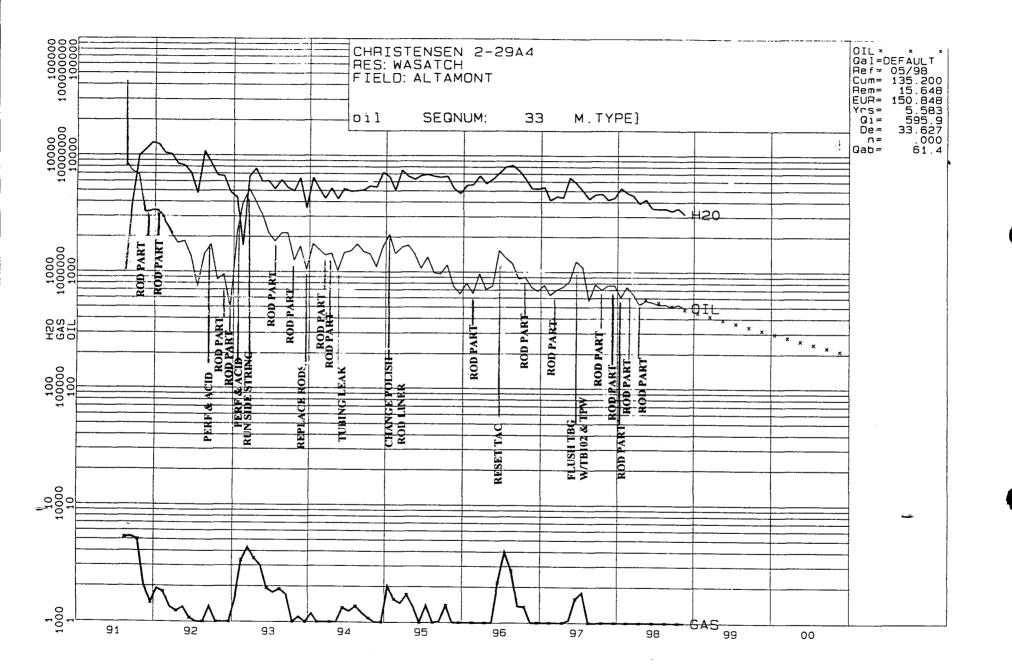
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WHELL HIS 100 ROC

August 1991 Perforate Wasatch from 13,953' - 15,239', 3 spf, 243 holes. Final pressure = 600 psi. set pkr (a) 13,100'. Run 2 7/8" tbg & retreivable packer. Acidize w/12,000 gal 15% HCL + 366 Bs' + Rock Salt. ATP = 8000 psi, ATR = 12 BPM, ISIP = 6,300 psi. Install Beam Pump. Mill packer, push to 15,127'. Set TAC @ 10,532'. Run downhole pump and rods. Average Prod = 266 BO, 379 BW, 294 MCF. December 1991 Polish rod part. February 1992 Rod break (7/8" rod) August 1992 Push permanent packer to 15,244'. Perforate Wasatch from 13,518' - 15,239', 3 spf, 342 holes. Acidize w/ 10,300 gal 15% HCL, benzoic acid flakes, rock salt and 680 BS. ATP = 8500 psi, ATR = 22 BPM, ISIP = 5,900 psi. Set TAC @ 10,538'. Run 3 3/8" /1.660" side string. (No results reported.) October 1992 Rod break (7/8" rod) December 1992 Rod break (7/8" coupling). POOH with tubing and side string. Recover rods. Re-run tubing and side string. Set TAC @ 10,541'. Replace ³/₄" rods. Clean out 5" liner to 15,249'. Perforate Wasatch from 12,531' -January 1993 16,206', 309 holes. Set 7" packer @ 12,400'. Acidize Wasatch w/ 20,000 gal 15% HCL + diverter and 980 Bs'. ATP = 8400 psi, ATR = 25 BPM, ISIP = 4,560 psi. Swab and flow test well. February 1993 POOH with packer. RIH with tubing. Set TAC @ 10,540' RIH with side string and rods. June 1993 Rod break (7/8" rod) August 1993 1" coupling break October 1993 Repair tubing leak. ł,

October 1993	7/8" rod break.
December 1993	POOH with tubing and side string (had split in $2\frac{4}{7}/8$ "). Re-rutubing. Set TAC @ 10,548'. Replace 7/8" rods.
March 1994	Tubing leak (1.66"). Re-run side string.
April 1994	Rod part (pony rods).
May 1994	Rod part (1")
July 1994	Rod part (1")
November 1994	Tubing leak. Lay down side string.
November 1995	Rod part (3/4")
February 1996	Rod part (Polish rod)
May 1996	Rod part (1")
September 1996	Rod part (1")
April 1997	Rod part (7/8")
August 1997	Flush tubing with TB 102 & TPW (paraffin solvents)
October 1997	Rod part (3/4")
November 1997	Rod part (1")
January 1998	Rod part (3/4")
March 1998	Rod part (7/8")
April 1998	Rod part (3/4")
April 1998	Rod part (7/8")

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COASTAL OIL & GAS CORPORATION

Well Completion Sketches

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CHRISTENSEN #2-29A4	ALTAMONT Field	JUNE 18, 1999
X Present Completion	[Original Completion
Suggested Completion		Well Class: PROD OIL WELL (Beam)
Well Bore Data		Data On This Completion
13 3/8, 55#. J-55, STC @ 240', CMT to surface		DEPTH DATUM @ RKB RKB elevation = 6,573' (22' AGL)
7" Liner Top @ 5,762'		
9 5/8", 40#, CF-95, LTC @ 6,034', cmt w/ 1,830 sx.		
2 7/8", 6.5#, N-80, EUE Tubing @ 11,901' (TAC depth)		WASATCH PERFORATION: 1/93 Top Perforation = 12,531'
5" Liner Top @ 13,024'		
7", 26#, CF-95, LTC fm 5,762 - 13,308', cmt w/ 1600 sx.		
		7/92 Top Perforation = 13,518'
		8/91 Top Perforation = 13,953'
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		\$ 7/92 Bottom Perforation = 15,187'
		1/93 Bottom Perforation = 15,206' 8/91 Bottom Perforation = 15,239'
5", 18#, CF-95, AB FL4S Fm 12,304'-15,298', cmt w/ 28() sx.	

TD = 15,300' PBTD @ 15,255'



Enter date after each listed item is completed

Change of Operator (Well Sold)

Operator Name Change (Only)

Designation of Agent

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

C	No. Unit:
Account N0230	Account N1845
Phone: 1-(713)-418-4635	Phone: 1-(832)-676-4721
HOUSTON, TX 77046-0995	HOUSTON, TX 77046-0995
Address: 9 GREENWAY PLAZA STE 2721	Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
COASTAL OIL & GAS CORPORATION	EL PASO PRODUCTION OIL & GAS COMPANY
FROM: (Old Operator):	TO: (New Operator):

WELL(S)

	API	ENTITY	SEC TWN	LEASE	WELL	WELL
NAME	NO	NO	RNG	TYPE	TYPE	STATUS
OLSEN 1-27A4	43-013-30064	9119	27-01S-04W	FEE	OW	Р
FIELDSTED 2-27A4	43-013-30915	9632	27-01S-04W	FEE	OW	Р
BROTHERSON 1-28A4	43-013-30292	1841	28-01S-04W	FEE	OW	Р
FIELDSTED 2-28A4	43-013-31293	11177	28-01S-04W	FEE	OW	Р
	43-013-31303	11235	29-01S-04W	FEE	OW	Р
EVANS UNIT 1-31A4	43-013-30067	1560	31-01S-04W	FEE	OW	P
WARREN 1-32A4	43-013-30174	4730	32-01S-04W	FEE	OW	S
OMAN 2-23A4	43-013-30904	10045	32-01S-04W	FEE	OW	P
BROTHERSON 1-33A4	43-013-30272	1680	33-01S-04W	FEE	OW	P
LINDSAY 2-33A4	43-013-31141	10457	33-01S-04W	FEE	OW	Р
UTE 2-34A4	43-013-30978	10070	34-01S-04W	FEE	OW	P
MILES 2-35A4	43-013-31087	1966	35-01S-04W	FEE	OW	P
RUST 2-36A4	43-013-31092	1577	36-01S-04W	FEE	OW	P
CHRISTENSEN 2-26A5	43-013-30905	9630	26-01S-05W	FEE	OW	P
JENSEN 2-29A5	43-013-30974	10040	29-01S-05W	FEE	OW	P
JENSEN 1-31A5	43-013-30186	4740	31-01S-05W	FEE	OW	P
BARRETT 1-34A5	43-013-30323	9121	34-01S-05W	FEE	OW	S
BIRCH 1-35A5	43-013-30233	9122	35-01S-05W	FEE	OW	S
FORD 2-36A5	43-013-30911	9406	36-01S-05W	FEE	OW	P
KARL SHISLER U 1-3B1	43-013-30249	5930	03-02S-01W	FEE	OW	S

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:

06/19/2001

2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on:

06/19/2001

3. The new company has been checked through the Department of Commerce, Division of Corporations Database on:

4. Is the new operator registered in the State of Utah:

YES Business Number:

608186-0143

06/21/2001

 ROUTING

 1. GLH
 4-KAS

 2. CDW
 5-LP

 3. JLT
 6-FILE



5.	If NO, the operator was contacted contacted on: N/A
6.	Federal and Indian Lease Wells: The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8.	Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9.	Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A
D	ATA ENTRY:
1.	Changes entered in the Oil and Gas Database on: 06/27/2001
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 06/27/2001
3.	Bond information entered in RBDMS on: 06/20/2001
4.	Fee wells attached to bond in RBDMS on:06/27/2001
67	ATE BOND VERIFICATION:
1.	State well(s) covered by Bond No.: N/A
FI	CE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:
	(R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond: 400JU0708
2.	The FORMER operator has requested a release of liability from their bond on: The Division sent response by letter on: <u>N/A</u> <u>COMPLETION OF OPERATOR CHANGE</u>
3.	(R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE
	LMING: All attachments to this form have been MICROFILMED on: 8:15.01
	LING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:

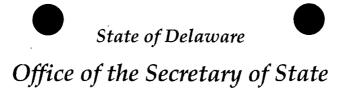
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COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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	STATE OF UTAH DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS AND M			5. LEASE DESIGNATION AND SER	FORM 9
	NOTICES AND REPORT		LLS	6. IF INDIAN. ALLOTTEE OR TRIBE	NAME:
Do not use this form for proposals to drill n	new wells, significantly deepen existing wells below cu	rrent boltom-hole d	epth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL OIL WELL	GAS WELL OTHER		sais.	8. WELL NAME and NUMBER:	
2. NAME OF OPERATOR:		7		Exhibit "A" 9. APINUMBER:	
3. ADDRESS OF OPERATOR:) Production Oil & Gas (Jompany	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCA	T:
368 South 1200 East cit	Y Vernal STATE Utahzir	84078	435-789-4433		······
FOOTAGES AT SURFACE:				COUNTY:	
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN:			STATE: UTAH	
11. CHECK APPF	ROPRIATE BOXES TO INDICAT		OF NOTICE, REPO		
TYPE OF SUBMISSION			TYPE OF ACTION		<u></u>
	ACIDIZE	DEEPEN		REPERFORATE CURRENT	FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTUR	E TREAT	SIDETRACK TO REPAIR WI	ELL
Approximate date work will start:	CASING REPAIR	NEW CON	STRUCTION	TEMPORARILY ABANDON	
	CHANGE TO PREVIOUS PLANS	OPERATO	R CHANGE	TUBING REPAIR	
		PLUG ANI	ABANDON	VENT OR FLARE	
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BAC	ĸ	WATER DISPOSAL	
Date of work completion:	CHANGE WELL STATUS	PRODUCT	ION (START/RESUME)	WATER SHUT-OFF	
			TION OF WELL,SITE	X OTHER: Name Cha	nge
	CONVERT WELL TYPE		ETE - DIFFERENT FORMATION		
	MPLETED OPERATIONS. Clearly show all p the merger between The (
subsidary of El	Paso Energy Corporation	n, the na	me of Coastal (0il & Gas Corporat	ion
has been changed	l to El Paso Production	0i1 & Ga	s Company effec	ctive March 9, 200	1.
	See E	xhibit "A	711		
Bond # 400JU070	8				
Coasta	al Oil & Gas Corporation		·		
NAME (PLEASE PRINT	Elzner		E Vice Preside	ent	
	Δ	DAT	06-15-01		
(so Production Oil & Gas	Company			
	Elzner	דוד	LE Vice Presid	ent	
		DA	те 06-15-01		
This space for State use only				DEACN	12:53
				RECEIN	ノロレ
				HIN CO 9	004

JUN 19 2001

DIVISION OF OIL, GAS AND MINING



PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 19 2001

DIVISION OF OIL, GAS AND MINING

ith Windson



Darr

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1061007

0610204 8100

010162788

DATE: 04-03-01

CORP. LAW DEPT.

@003/003

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

That in lieu of a meeting and vote of stockholders, the SECOND: stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall Vice President

Attest:

Margaret E. Roark, Assistant Secretary

STATE OF DELAWARE SECRETARY OF STATE RECEIVED DIVISION OF CORPORATIONS FILED 11:00 AM 03/09/2001 010118394 - 0610204

JUN 19 2001

DIVISION OF OIL, GAS AND MINING Form 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING		NG	6. Lease Desigr	nation and Serial Number FEE
			7. Indian Allotte	e or Tribe Name
SUNDRY NOTICES A Do not use this form for proposals to drill new wells, de Use APPLICATION FC			8. Unit or Comm	nunitization Agreement
1. Type of Well			9. Well Name ar	nd Number
X Oil Gas Well	Other (specify)		Christ	ensen #2-29A4
2. Name of Operator			10. API Well Nur	mber
El Paso Production Oil & Gas Company				-013-31303
3. Address of Operator		4. Telephone Number	11. Field and Po	
P.O. Box 1148 Vernal, Utah 84078		(435) 781-7024	Altar	nont/Bluebell
5. Location of Well				
Footage : 1425'FSL & 213		•	Duchesne	
QQ, Sec, T., R., M. : NWSE Section	29-T1S-R4W	State :	Utah	
12. CHECK APPROPRIATE E	OXES TO INDICATE	NATURE OF NOTICE	, REPORT, OR	OTHER DATA
NOTICE OF INTEN	Т	SUE	BSEQUENT REP	ORT
(Submit in Duplicate)		(Sut	omit Original Form	Only)
Abandonment	New Construction	Abandonment	*	New Construction
Casing Repair	Pull or Alter Casing	Casing Repair		Pull or Alter Casing
Change of Plans	Recompletion	Change of Plar	ns	Shoot or Acidize
Conversion to Injection	Shoot or Acidize	Conversion to	njection	Vent or Flare
Fracture Treat	Vent or Flare	Fracture Treat		Water Shut-Off
Multiple Completion	Water Shut-Off	X Other Backsi	de Acid Job	
Other				
		Date of Work Completion	5/19/02	
Approximate Date Work Will Start				
		on WELL COMPLETION	OR RECOMPLETION	
		* Must be accompani	ea by a cement ver	incation report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Pmp 10 Bbls 2% KCL & 2 GL DP61 Followed by 36 Bbls 15% HCL Followed by 626 Bbls 2% KCL, in order to increase production.

14. I hereby certify t	hat the foregoing is true and correct.				
Name & Signature	Sheila Upchego Buck lagahan	Title .	Regulatory Analyst	Date _	06/25/02
(State Use Only)					

DE	STATE OF UTAH PARTMENT OF NATURAL RESOUR	CES	FORM 9
	ISION OF OIL, GAS AND MIN		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
SUNDRY N	OTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new we		ent bottom-hole depth, reenter plugged	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	GAS WELL DOTHER	······································	8. WELL NAME and NUMBER: CHRISTENSEN 2-29A4
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.			9. API NUMBER: 4301331303
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DE		PHONE NUMBER 30202 (303) 291-1	
4. LOCATION OF WELL	STATE CO ZIP		
FOOTAGES AT SURFACE: 1425' FSL	., 2131' FEL		COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, M	16RIDIAN: 29 1S 4	N	STATE: UTAH
11. CHECK APPROF	PRIATE BOXES TO INDICAT	E NATURE OF NOTICE	, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTIO	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	ACIDIZE ALTER CASING CASING REPAIR CHANGE TO PREVIOUS PLANS		REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR
SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/3/2008	CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	PLUG AND ABANDON PLUG BACK PRODUCTION (START/RESUM RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT F	E) OTHER:
12. DESCRIBE PROPOSED OR COMPL	ETED OPERATIONS. Clearly show all pe	ertinent details including dates, de	oths, volumes, etc.
OPERATOR PERFORMED T	HE FOLLOWING WORK ON	THE SUBJECT WELL E	ETWEEN 11/3/2007 AND 12/3/2007:
TO 2000 PSI, OK. 11/19/2007: PERFORATE FR 11/24/2007: ACIDIZE PERFS BPM. AVG PRESS 5309 PSI. 11/25/2008: PRESS TEST LII RATE 52.6 BPM, AVG PRES 11/28/2007: WELL FLOWING	CIBP @ 12430'. DUMP BAIL ROM 12265' - 11851'. SET PKI W/ 15000 GAL 15% HCL AC NES TO 9500 PSI. FRAC WE S 6230 PSI. B. RELEASE PKR@ 9312'. G. SET TAC @ 9342' IN 2500	36' CMT ON CIBP. RIH R @ 9312'. PRESS TES ID USING 200 BIO BAL LL W/ 1466680 3 20/40	W/ 7" PKR @ 5838'. PRESS TEST CSG
		······	
	2		ERING TECH
SIGNATURE	\square	DATE 1/28/200	8
(This space for State use only)			
			RECEIVED
	-		FEB 0 5 2008
(5/2000)	(See Instru	ctions on Reverse Side)	

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING SUNDRY NOTICES AND REPORTS OF Do not use this form for proposals to drill new wells, significantly deepen existing wells below current both Do not use this form for proposals to drill new wells, significantly deepen existing wells below current both Do not use this form for proposals to drill new wells, significantly deepen existing wells below current both On the proposals to drill new wells, significantly deepen existing wells below current both OLIVER OLIVER OLIVER OLIVER OTHER OTHER <th>S N WELLLS tom-hole depth, reenter plugged wells, or to- such proposals.</th> <th>FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: FEE 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: 8. WELL NAME and NUMBER: CHRISTENSEN 2-29A4 9. API NUMBER: 4301331303 10. FIELD AND POOL, OR WILDCAT: ALTAMONT</th>	S N WELLLS tom-hole depth, reenter plugged wells, or to- such proposals.	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: FEE 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: 8. WELL NAME and NUMBER: CHRISTENSEN 2-29A4 9. API NUMBER: 4301331303 10. FIELD AND POOL, OR WILDCAT: ALTAMONT
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: 1425' FSL, 2131' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 29 1S 4W		COUNTY: DUCHESNE STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NA	ATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
	DEEPEN	
(Submit in Duplicate) ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	NEW CONSTRUCTION	
	OPERATOR CHANGE	
SUBSEQUENT REPORT	PLUG AND ABANDON PLUG BACK	
(Submit Original Form Only)	PRODUCTION (START/RESUME)	WATER DISPOSAL
Date of work completion:	RECLAMATION OF WELL SITE	OTHER:
5/1/2008 CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinen OPERATOR PERFORMED THE FOLLOWING WORK ON THE TOOH W/ RODS AND TBG. PUMP 20 BBLS OF DIESEL AND CHEM, PUMP 52 BBLS 15% RIH W/ 2-7/8" TBG. PRESSURE TEST TBG TO 1500 PSI, GOO STROKE TEST TO 1000 PSI, GOOD. RETURN WELL TO PRO	SUBJECT WELL BETWEE HCL ACID AND FLUSH W/ DD. TAC SET @ 9342' IN 20	N 4/25/2008 AND 5/1/2008: 210 BBLS DOWN ANNULUS.
		FCH
SIGNATURE that the	DATE5/20/2008	1999
(This space for State use only)		RECEIVED

(See Instructions on Reverse S	Side)
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DIV. OF OIL, GAS & MINING

MAY 2 9 2008

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES	FORM 9
DIVISION OF OIL, GAS, AND MINING	GNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS 6. IF INDIAN, A	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.	AGREEMENT NAME:
1. TYPE OF WELL 8. WELL NAME a Oil Well CHRISTENSEN	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP9. API NUMBER: 430133130300	
3. ADDRESS OF OPERATOR:PHONE NUMBER:9. FIELD and PO1001 Louisiana St. , Houston, TX, 77002713 420-5038 ExtALTAMONT	POOL or WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1425 FSL 2131 FEL	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: Qtr/Qtr: NWSE Section: 29 Township: 01.0S Range: 04.0W Meridian: U UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DA	АТА
TYPE OF SUBMISSION TYPE OF ACTION	
	G REPAIR
NOTICE OF INTENT CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE TUBING 10/10/2011 CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE TUBING	E WELL NAME
COMMINGLE PRODUCING FORMATIONS □ CONVERT	RT WELL TYPE
SUBSEQUENT REPORT Delepen FRACTURE TREAT NEW CON Date of Work Completion: OPERATOR CHANGE PLUG AND ABANDON PLUG BANDON	
	ACK
	RARY ABANDON
U TUBING REPAIR U VENT OR FLARE U WATER D	DISPOSAL
DRILLING REPORT WATER SHUTOFF SI TA STATUS EXTENSION APD EXTENSION	TENSION
Report Date:	Perfs
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.	
El Paso will be perforating in the Upper Wasatch and Lower Green River and acidizing. Please see attached procedure.	
Appro	oved by the
	Division of s and Mining
	9/20/2011
	9/20/2011
By:	Allant
NAME (PLEASE PRINT) PHONE NUMBER TITLE Maria S. Gomez 713 420-5038 Sr. Regulatory Analyst	
SIGNATURE DATE N/A 9/1/2011	

RECEIVED Sep. 01, 2011

Christensen 2-29A4 Procedure Summary

- POOH w/tubing and ESP BHA
- Circulate & Clean wellbore
- Perforate new intervals in the Upper Wasatch and Lower Green River from (10,960'-11,822')
- Acidize new perforations with 45,000 gals of 15% HCL in three separate stages using retrievable bridge plugs
- RIH w/ESP BHA and tubing
- Clean location and resume production

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOL	RCES	
	DIVISION OF OIL, GAS, AND N	IINING	5.LEASE DESIGNATION AND SERIAL NUMBER:
SUNDF	Y NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	pposals to drill new wells, significant reenter plugged wells, or to drill hor n for such proposals.		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: CHRISTENSEN 2-29A4
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP			9. API NUMBER: 43013313030000
3. ADDRESS OF OPERATOR: 1001 Louisiana St., Houst	on, TX, 77002 713	PHONE NUMBER: 420-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1425 FSL 2131 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSI	HP, RANGE, MERIDIAN: 29 Township: 01.0S Range: 04.0W M	eridian: U	STATE: UTAH
^{11.} CHEC	K APPROPRIATE BOXES TO INDIC	ATE NATURE OF NOTICE, F	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTIO	DN
			CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
4/13/2012	CHANGE WELL STATUS		IONS CONVERT WELL TYPE
		FRACTURE TREAT	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:			
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
This well is a recom BOPD since we co set CIBP @ ~1153	COMPLETED OPERATIONS. Clearly sho pletion that has been proc mpleted the job on March 2 O' which is over a portion o re are making the majority	ucing 1200+ BWPD a 25th. El Paso requests of the lower perfs that	and 5 Approved by the to Utah Division of
NAME (PLEASE PRINT)	PHONE NU	MBER TITLE	
Maria S. Gomez	713 420-5038	Principle Regulatory	Analyst
SIGNATURE N/A		DATE 4/3/2012	

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: FEE
SUNDF	RY NOTICES AND REPORTS ON	I WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL forr	oposals to drill new wells, significantly dee reenter plugged wells, or to drill horizonta n for such proposals.	epen existing wells below I laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: CHRISTENSEN 2-29A4
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LF)		9. API NUMBER: 43013313030000
3. ADDRESS OF OPERATOR: 1001 Louisiana St., Houst		IONE NUMBER: 038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1425 FSL 2131 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 29 Township: 01.0S Range: 04.0W Meridia	n: U	STATE: UTAH
^{11.} CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	₹T, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
 NOTICE OF INTENT Approximate date work will start: ✓ SUBSEQUENT REPORT Date of Work Completion: 4/14/2012 ⇒ SPUD REPORT Date of Spud: ⇒ DRILLING REPORT Report Date: 12. DESCRIBE PROPOSED OR 	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 p Please see attached for detail		Accepted by the Utah Division of
			Oil, Gas and Mining Date: April 25, 2012 By:
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Principle Regulatory Analys	st
SIGNATURE N/A	110 420-5050	DATE 4/18/2012	

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	CHRISTENSEN 2-29A4							
Project	ALTAMONT FIELD	Site	CHRISTENSEN 2-29A4					
Rig Name/No.	NABORS DRILLING/0561	Event	LOE LAND					
Start Date	4/11/2012	End Date	4/15/2012					
Spud Date	6/4/1991	UWI	029-001-S 004-W 30					
Active Datum	GROUND LEVEL @6,551.0ft (above Mean Sea Level)							
Afe	LOL /	LOL /						
No./Description								

2 Summary

2.1 Operation Summary

Date		īime irt-End	Duratio n (hr)	Phase	Activit y	Sub	OP Code	MD From (ft)	Operation
4/12/2012	10:30	12:30	2.00	PRDHEQ	18		Р		ROAD RIG FROM THE 3 -14 C6 TO THE 2 -29 A4, SPOT RIG, GET READY TO RIG UP. FLUSH CAP STRING
	12:30	13:30	1.00	PRDHEQ	18		Р		RIG UP GET READY TO NIPPLE UP BOP'S,
	13:30	15:00	1.50	PRDHEQ	18		Ρ		NIPPLE DOWN WELL - HEAD, NIPPLE UP BOP'S, NIPPLE UP HY -DRILL, GET FLOOR & TONGS READY GET READY TO PULL ESP IN THE A.M. FLUSH TUBING WITH 60 BBLS 2% KCL @ 150 DEGREES. SECURE WELL
	15:00	15:00	0.00						SHUT DOWN FOR NIGHT USED 40 GALLONS DIESEL PUMPED 60 BBLS NON RECOVERED FLUID
4/13/2012	6:00	7:30	1.50	PRDHEQ	43		Р		CREW TRAVEL, SAFETY MEETING (PULLING ESP PUMP, RIG UP WIRELINE TRUCK) FILL OUT AND REVIEW JSA
	7:30	17:00	9.50	PRDHEQ	18		Ρ		START RIG, BLEED DOWN WELL, L/D TOP JT OF 2 7/8" TBG W/ ESP HANGER, R/U ESP SPOOLERS, & CAP STRING SPOOLER, POOH W/ 347 - JTS, SEAT NIPPLE, 1 - JT TBG, DRAIN SUB, 1 - JT TBG, SEVICE ESP & STAND BACK IN DERRICK
	17:00	23:00	6.00	ELINE	27		Ρ		R/U LONE WOLF WIRE -LINE, RIH WITH GAUGE RING AND JUNK BASKET TO 11,600' RIH & SET 7" CBP @ 11534', MAKE DUMP BAILER RUN DUMP 5' CMT ON TOP OF CBP, RIG DOWN WIRE -LINE, SECURE WELL
	23:00	23:00	0.00						SHUT DOWN FOR NIGHT. USED 60 GALLONS DIESEL USED 50 GALLONS PROPANE PUMPED 330 BBLS NON-RECOVERED 2% KCL
4/14/2012	6:00	9:00	3.00	PRDHEQ	18		Р		CREW TRAVEL, SAFETY MEETING (BANDING CABLE TO TUBING) FILL OUT AND REVIEW JSA
	9:00	12:00	3.00	PRDHEQ	18		N		MOTOR LEAD WAS DAMAGED WHILE INSTALLING ONTO MOTOR. WAIT FOR NEW MOTOR LEAD
	12:00	13:00	1.00	PRDHEQ	18		N		SPLICE NEW MOTOR LEAD ONTO RETA CABLE AND HOOK INTO MOTOR

2.1 Operation Summary (Continued)

Date	-	ime rt-End	Duratio n (hr)	Phase	Activit y	Sub	OP Code	MD From (ft)	Operation
	13:00	19:00	6.00	PRDHEQ	18		Ρ		RIH W/ CHEMICAL MANDREL,CENTINEL,MOTOR,TANDEM SEALS,GAS SEP,PUMP,2 7/8x2 3/8 X -O,2 7/8 PUP JTS, 1JT 2 7/8 N -80 8RD , 2 7/8 DRAIN PLUG, 1JT 2 7/8 N -80 8RD, PLUS 45 PSN 2 7/8,2JTS 2 7/8 N -80 8RD, COLLAR STOP,RIH W/ 174 JTS 2 7/8 N -80 8RD SECURE WELL
	19:00	19:00	0.00						SHUT DOWN FOR DAY. USED 60 GALLONS DIESEL PUMPED 230 BBLS 2% NONRECOVERABLE FLUID
4/15/2012	6:00	7:30	1.50	PRDHEQ	46		Р		CREW TRAVEL, SAFETY MEETING (NIPPLE DOWN BOP NIPPLE UP WELLHEAD, RIG DOWN) FILL OUT AND REVIEW JSA
	7:30	9:30	2.00	PRDHEQ	18		Р		TRIP INTO WELL WITH TUBING, CAP STRING AND RETA CABLE,
	9:30	10:30	1.00	PRDHEQ	18		Р		SPLICE RETA CABLE
	10:30	12:30	2.00	PRDHEQ	18		Р		TRIP INTO WELL WITH TUBING, CAP STRING AND RETA CABLE,
	12:30	13:30	1.00	PRDHEQ	18		Р		MAKE TOP SPLICE IN RETA CABLE
	13:30	14:30	1.00	PRDHEQ	18		Р		HANG TUBING OFF IN WELLHEAD, NIPPLE DOWN BOP'S NIPPLE UP WELL HEAD
	14:30	16:30	2.00	PMPNG	18		Ρ		START SUB PUMP. FLUID @ SURFACE IN 5 MINUTES. WATCH WELL PUMP FOR 2 HOURS TO MAKE SURE PUMP IN PUMPING CORRECTLY
	16:30	17:30	1.00	PMPNG	18		Р		RIG DOWN WORKOVER RIG AND MOVE OUT. TURN OVER TO PRODUCTION

				FOR
	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	RCES		
	DIVISION OF OIL, GAS, AND MI			5.LEASE DESIGNATION AND SERIAL NUMB FEE
	RY NOTICES AND REPORTS	-	-	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form	pposals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.	y deepe contal la	en existing wells below aterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: CHRISTENSEN 2-29A4
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP				9. API NUMBER: 43013313030000
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houst	on, TX, 77002 713 4		NE NUMBER: 38 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1425 FSL 2131 FEL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSI	HIP, RANGE, MERIDIAN: 29 Township: 01.0S Range: 04.0W Me	eridian:	U	STATE: UTAH
^{11.} CHEC	K APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	✓ ACIDIZE		LTER CASING	
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CI	HANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	🗸 с	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:		E FF	RACTURE TREAT	
3/24/2012	OPERATOR CHANGE	Р	LUG AND ABANDON	
SPUD REPORT Date of Spud:			ECLAMATION OF WELL SITE	
	REPERFORATE CURRENT FORMATION	🗆 si	IDETRACK TO REPAIR WELL	
		V	ENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	🗆 si	I TA STATUS EXTENSION	
	WILDCAT WELL DETERMINATION	🗸 o	THER	OTHER: Add Perfs
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show	v all ner	tinent details including dates d	
	Please see attached for de			Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 15, 2012
NAME (PLEASE PRINT)	PHONE NUM		TITLE	
Maria S. Gomez	713 420-5038		Principle Regulatory Analys	st
SIGNATURE			DATE	
N/A			4/18/2012	

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	CHRISTENSEN 2-29A4								
Project	ALTAMONT FIELD	Site	CHRISTENSEN 2-29A4						
Rig Name/No.	BASIC/1480	Event RECO							
Start Date	3/14/2012	End Date 3/24/201							
Spud Date	6/4/1991	UWI	029-001-S 004-W 30						
Active Datum	GROUND LEVEL @6,551.0ft (above Mean Sea Level)	•							
Afe	155481/43716 / CHRISTENSEN 2-29A4	155481/43716 / CHRISTENSEN 2-29A4							
No./Description									

2 Summary

2.1 Operation Summary

Date		īime irt-End	Duratio n (hr)	Phase	Activit y	Sub	OP Code	MD From (ft)	Operation
3/15/2012	6:00	7:30	1.50	MIRU	28		Р		CREW TRAVEL HELD SAFETY MEETING ON RU SPOOLERS AND
									OVERHEAD HAZARDS. FILLED OUT JSA.
	7:30	9:00	1.50	PRDHEQ	06		Р		R.U. HOT OILER,FLUSH TBG W/60 BBLS,
	9:00	19:00	10.00	PRDHEQ	39		Ρ		RU SPOOLERS TOOH CUTTING BANDS W/ CABLE, CAP TUBE 352-JTS 2 7/8 N-80 EUE TBG, COLLAR STOP, 2-JTS 2 7/8 N-80 EUE TBG, SN, 1-JT 2 7/8 N-80 EUE TBG, DRAIN SUB, 1-JT 2 7/8 N-80 EUE TBG, LD 6-2 7/8 N-80 EUE TBG SUB,PUMP, GAS SEP INTAKE, SEAL, MOTOR.SECURED WELL SDFN.
3/16/2012	6:00	8:30	2.50	PRDHEQ	28		Р		BASIC HAD MONTHLY SAFETY MEETING ON LOCKOUT TAGOUT, CREW TRAVEL HELD SAFETY MEETING ON ND HYDRIL, FILLED OUT JSA.
	8:30	10:30	2.00	PRDHEQ	16		Р		RD RIG FLOOR, ND HYDRIL, NU WASHINGTON HEAD. RU RIG FLOOR.
	10:30	10:30	0.00	PRDHEQ	39		Ρ		RIH W/ 6 1/8 BIT, SCRAPER, X-OVER, 2-JTS 2 7/8 N-80 EUE TBG, SN , 396-JTS 2 7/8 N-80 EUE TBG.TAGGED FILL 10' IN ON JT# 396 @ 12275'. TOOH W/ 20-JTS 2 7/8 TBG SECURED WELL SDFN.
3/17/2012	6:00	7:30	1.50	PRDHEQ	28		Р		CT TGSM & JSA (SCANNING TBG)
	7:30	14:00	6.50	PRDHEQ	39		Р		LAY DOWN 25JTS WORK STRING,RIH W/10 STANDS,LAY DOWN 20 JTS WORKSTRING. RIG UP SCANNERS,POOH SCANNING TBG 350 JTS, 15JTS SCANNED BAD.
	14:00	15:00	1.00						RD PRS SCANNING EQUIPMENT C/O TO 3-1/2" TBG EQUIPMENT. CSDFN CT
3/18/2012	6:00	7:30	1.50	STG01	28		Р		CT TGSM & JSA (PERFORATING)
	7:30	16:30	9.00	STG01	21		Ρ		RIG LONE WOLF WIRE LINE UNIT MAKE 10 CONSECUTIVE 3-1/8" GUNS LOADED 3 JSPF 120 DEGREE PHASING W/22.7 GM CHARGES PERFORATE 11803 TO 10939. (864 GROSS FT 225 NET FT W/ 675 HLS) SWIFWE, RDMOL W/ LONE WOLF WIRELINE UNIT. CSDFWE CT.
3/19/2012	6:00	6:00	24.00						NO ACTIVITY CSDFWE
3/20/2012	6:00	8:00	2.00	PRDHEQ	28		Р		CT TGSM & JSA (PICKING UP 3-1/2" TBG)

2.1 Operation Summary (Continued)

Date		ſime ırt-End	Duratio n	Phase	Activit y	Sub	OP Code	MD From (ft)	Operation
	8:00	20:30	(hr) 12.50	PRDHEQ	24		Р		PU MU & RIH W/ 7" RBP, 2-7/8" PUP JT, 7" HD PKR, 375 JTS 3-1/2" 8RD EUE TBG. SET PLUG 8' OUT @ 11,830' ATTEMPT TO
									J OFF RBP COULD NOT, RELEASE PLUG, RIH W/ 1 JT SWIFN CSDFN CT.
3/21/2012	6:00	7:30	1.50	PRDHEQ	28		Р		CT TGSM & JSA (LOCK OUT TAG OUT)
	7:30	12:30	5.00	PRDHEQ	18		Р		SET PLUG 4' OUT @ 11,834' J OFF RBP L/D 7 JTS (368 JTS IN SET PKR @ 11,600'. INSTALL FRAC VALVE. SWIFN, MOLRU PLATINUM ACID EQUIPMENT. CSDFN CT.
3/22/2012	6:00	7:00	1.00	STG01	28		Р		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PUMPING ACID & PRESSURE
	7:00	10:30	3.50	STG01	35		Ρ		FINISH R/U FOR ACID STG 1 OFF LOAD ACID TO ACID TANKS R/U POP OFF ON ANNULAS SET AND TESTTEST PMP AND LINES TO 9000 PSI
	10:30	12:00	1.50	STG01	35		Ρ		PUMP STG 1; OPEN WELL 0 PSI PMP 7500 GALS OF ACID DROP 264 BOIBALLS PMP 7500 GALS OF ACID STG FLUSH 125 BBL OF 2% KCL ISDP 0 PSI TBG ON VACUUM MAX PRESSURE 5000 PSI MAX RATE 18 BPM AVE RATE 14 BPM AVE PRESSURE 2325 PSI
	12:00	14:00	2.00	STG02	35		Р		MOVE TOOLS; RELEASE PKR TIH w 3 1/2" TBG RETRIEVE PLUG TOH w 3 1/2" TBG SET PLUG AT 11600' SET PKR AT 11330 TEST PMP AND LINES TO 9100 PSI
	14:00	15:00	1.00	STG02	35		Р		PUMP STG 2; OPEN WELL 0 PSI PMP 7500 GALS OF ACID DROP 195 BOIBALLS PMP 7500 GALS OF ACID FLUSH WITH 125 BBLS OF 2% KCL ISDP 0 PSI MAX PRESSURE 4600 MAX RATE 18.5 AVE PRESSURE 2330 AVE RATE 17.5
	15:00	16:30	1.50	STG03	35		Ρ		MOVE TOOLS; RELEASE PKR TOH w 3 1/2" TBG RETIEVE PLUG TOH w 3 1/2" TBG SET PLUG AT 11334' SET PKR AT 10937' TEST PMP AND LINES TO 9000 PSI FILL AND PRESSURE ANNULAS TO 500 PSI AND HOLD FOR JOB
	16:30	18:00	1.50	STG03	35		Ρ		PUMP STG 3; OPEN WELL 0 PSI PMP 7500 GALS OF ACID DROP 195 BOIBALLS PMP 7500 GALS OF ACID STG FLUSH 125 BBL OF 2% KCL ISDP 0 PSI TBG ON VACUUM MAX PRESSURE 6100 PSI MAX RATE 18.5 BPM AVE RATE 16 BPM AVE PRESSURE 4000 PSI RELEASE PKR SECURE WELL SDFN
3/23/2012	6:00	7:30	1.50	PRDHEQ	28		Р		CT TGSM & JSA (LAYING DOWN TBG)
	7:30	8:30	1.00	PRDHEQ	39		Р		TSIP @ 150 PSIG, CSIP @ 30 PSIG, BWD. RIH & RETRIEVE RBP @ 11334'.
	8:30	18:30	10.00	PRDHEQ	39		Р		POOH L/D 360 JTS 3-1/2" TBG, L/D & RETIRE PLUG & PKR, SWIFN CSDFN CT.
3/24/2012	6:00	7:30	1.50	PRDHEQ	28		Р		CT TGSM & JSA (PU ESP BHA) CSIP 30 PSIG BWD.
	7:30	9:30	2.00	PRDHEQ	16		Р		NU HYDRILL, MAKE MOTOR LEAD SPLICE.
	9:30	11:00	1.50	PRDHEQ	18		Р		PU & SERVICE MOTOR & SEALS.
	11:00	19:00	8.00	PRDHEQ	39		Р		RIH W/ PUMP ASSEMBLY, (BANDING 3/8" CAP STRING AND CABLE TO TBG 3 BANDS PER JT.) 1 JT, DRAIN SUB, 1 JT PSN, 2 JTS COLLAR STOP, 272 JTS 2-7/8" 8RD EUE TBG EOT @ 8567'. SWIFN
3/25/2012	6:00	7:30	1.50	PRDHEQ	28		Р		CT TGSM & JSA (RIH W/ ESP)
	7:30	11:30	4.00	PRDHEQ	39		Ρ		CIH BANDING 3/8" CAP STRING AND CABLE TO TBG 3 BANDS PER JT W/ 74 JTS 2-7/8" 8RD EUE TBG, MAKE SURFACE SPLICE, LAND TBG EOP @ 10,904', DRAIN SUB @ 10,842', PSN @ 10,780', COLLAR STOP @ 10,715'.
	11:30	13:00	1.50	PRDHEQ	16		Р		N/D HYDRILL & BOPE, NU WELL HEAD, MAKE UP TREE, FLUSH FLOWLINE W/ 60 BBLS.
	13:00	14:30	1.50	PRDHEQ	18		Р		PUMP UP IN 1 HR AND 20 MINUTES, TALK TO MIKE JONES W/ BAKER HUGHS HE SAID LEAVE IT RUNNING.
	14:30	16:30	2.00	PRDHEQ	18		Р		STOPPED PRODUCING TURNED OFF LET BACK SPIN FOR 1 HR.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duratio n	Phase	Activit y	Sub	OP Code	MD From (ft)	Operation
		(hr)						
	16:30 17:00	0.50	PRDHEQ	18		Р		PUMPED UP IN 38 MINUTES.

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

ENTITY ACTION FORM

Operator:	El Paso E&P Company, L.P		Operator Account Number:	N ³⁰⁶⁵
Address:	1001 Louisiana, Room 2730	D		······································
	city Houston			
	state TX	_{zip} 77002	Phone Number:	(713) 420-5038

Well 1

	Well	Name		QQ	Sec	Twp	Rng	County		
4301331303	Christensen 2-2	tensen 2-29A4				1S	4W	Duchesne		
Action Code	Current Entity Number	New Entity Number		Spud Date			Entity Assignment Effective Date			
E	11235	1123	5		6/4/1991			3/25/2012		

Well 2

API Number	Well	Well Name			Twp	Rng	County		
4301350570	Potts 3-14B3	otts 3-14B3			2S	3W	3W Duchesne Entity Assignment Effective Date		
Action Code	Current Entity Number	New Entity Number	S	Spud Date					
Е	18366	18366		1/4/2012			4/5/2012		
Comments: Initia	I Production from W <u>asat</u>			CO		50/2012 MIMINI			

Well 3

API Number Well Name			QQ	Sec	Тwp	Rng	County	
Action Code	tion Code Current Entity New Entity Number Number		s	Spud Dat	te		y Assignment fective Date	
Comments:						l		

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- **D** Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Maria S. Gomez	
Name (Please Print) D. HEr	W2-L
Signature	
Principle Regulatory Analyst	5/31/2012
Title	Date

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

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om the Fom the N merce, J	TO: (New Op N3850- EP Ene 1001 Louisiana Houston, TX. 7 Phone: 1 (713) Unit: API NO FORMER ope NEW operator	ergy E&P Co Street 7002 997-5038 ENTITY NO	N/A LEASE TYPE		WELL STATUS
om the Fom the N merce, J	N3850- EP Ene 1001 Louisiana Houston, TX. 7 Phone: 1 (713) Unit: API NO FORMER ope NEW operator	ergy E&P Co Street 7002 997-5038 ENTITY NO	N/A LEASE TYPE	WELL	
om the Fom the N merce, 1	Unit: API NO FORMER ope NEW operator	ENTITY NO	LEASE TYPE	WELL	
m the From the Normerce, 1	API NO FORMER ope NEW operator	<u>NO</u>	LEASE TYPE	WELL	
om the F om the N merce, J	FORMER ope	<u>NO</u>			
om the N merce, 1	NEW operator	rator on:			
om the N merce, 1	NEW operator	rator on:			
BIA has eases on:	1:	per: er: merger, na <u>BLM</u>	2114377-0181		6/27/2012 Not Received
'CA"): isted wit	: thin a CA on:		N/A		
the wate	ter disposal wel 6/29/2012			-	Chg
1 ed cover from the ntacted a	red by Bond N eir bond on:	N/A		-	
	eases or ator for "CA") isted wi has apj the wat nge Spr - on: - - - - - - - - - - - - - - - - - - -	$\frac{N/A}{6/25/2012}$ BIA has approved the eases on: ator for wells listed on: "CA"): isted within a CA on: has approved UIC F- the water disposal welly $\frac{6/29/2012}{6/29/2012}$ nge Spread Sheet on: $\frac{6/29/2012}{6/29/2012}$ on: $\frac{103601420}{103601473}$ ed covered by Bond Na from their bond on: htacted and informed b	$\frac{N/A}{6/25/2012}$ BIA has approved the merger, na eases on: BLM ator for wells listed on: "CA"): isted within a CA on: has approved UIC Form 5 Tran the water disposal well(s) listed o $\frac{6/29/2012}{6/29/2012}$ nge Spread Sheet on: $\frac{6/29/2012}{6/29/2012}$ on: N/A $\frac{103601420}{103601473}$ ed covered by Bond Number from their bond on: N/A $\frac{103601420}{103601473}$	$\frac{N/A}{6/25/2012}$ BIA has approved the merger, name change, eases on: <u>BLM</u> N/A ator for wells listed on: <u>N/A</u> "CA"): isted within a CA on: <u>N/A</u> has approved UIC Form 5 Transfer of Authorithe water disposal well(s) listed on: Set $\frac{6/29/2012}{6/29/2012}$ nge Spread Sheet on: <u>6/29/2012</u> <u>6/29/2012</u> <u>6/29/2012</u> on: <u>N/A</u> $\frac{103601420}{103601473}$ ed covered by Bond Number <u>400JU0705</u> from their bond on: N/A	$\frac{N/A}{6/25/2012}$ BIA has approved the merger, name change, eases on: <u>BLM</u> N/A <u>BIA</u> ator for wells listed on: <u>N/A</u> "CA"): isted within a CA on: <u>N/A</u> has approved UIC Form 5 Transfer of Authority to the water disposal well(s) listed on: Second Oper $\frac{6/29/2012}{6/29/2012}$ nge Spread Sheet on: <u>6/29/2012</u> <u>6/29/2012</u> on: <u>N/A</u> $\frac{103601420}{103601473}$ ed covered by Bond Number <u>400JU0705</u> from their bond on: N/A

Disposal and Injections wells will be moved when UIC 5 is received.

ROUTING CDW

		STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES	FORM 9
	1	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
			Multiple Leases
	SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do		w wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to erals. Use APPLICATION FOR PERMIT TO DRILL form for such proposels.	7. UNIT of CA AGREEMENT NAME:
1. T		GAS WELL OTHER	8. WELL NAME and NUMBER:
		See Attached	
	AME OF OPERATOR:		9. API NUMBER:
	Paso E&P Company, L.	P. Attn: Maria Gomez	
	DDRESS OF OPERATOR:	Houston STATE TX ZIP 77002 (713) 997-5038	10. FIELD AND POOL, OR WILDCAT:
_)1 Louisiana	See Attached	
4. L(DCATION OF WELL		
F	DOTAGES AT SURFACE: See A	tached	COUNTY:
Q	TR/QTR, SECTION, TOWNSHIP, RAN	SE, MERIDIAN:	STATE: UTAH
11.	CHECK APP	COPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT	RT, OR OTHER DATA
	TYPE OF SUBMISSION	TYPE OF ACTION	
		ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
		CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
	<u></u>	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
	SUBSEQUENT REPORT		WATER DISPOSAL
	(Submit Original Form Only)		WATER SHUT-OFF
	Date of work completion:		OTHER: Change of
			Name/Operator

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

(See Instructions on Reverse Side)

1/12

Frank W. Faller Vice President El Paso E&P Company, L.P.

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<u>M</u>	Walli

Frank W. Falleri Sr. Vice President EP Energy E&P Company, L.P.

Maria S. Gomez NAME (PLEASE PRINT)

ones 1 A SIGNATURE

Principal Regulatory Analyst TITLE

6/22/2012 DATE

(This space for State use only)

APPROVED 6/29/2012 el medina

^{(5/200} Division of Oil, Gas and Mining Earlene Russell, Engineering Technician Rachel Modim

RECEIVED

JUN 2 5 2012

DIV. OF OIL, GAS & MINING

FORM 9

			<u> </u>				Well	Well	
Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Туре	Status	Conf
DWR 3-17C6	17			4301350070		14204621118	OW	APD	С
LAKEWOOD ESTATES 3-33C6	33			4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15			4301350122		FEE	OW	APD	С
WHITING 4-1A2	01			4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34			4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02			4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10			4301350712			OW	DRL	Ċ
LAKE FORK RANCH 4-26B4	26			4301350714			OW	DRL	C
LAKE FORK RANCH 4-24B4	24			4301350717			OW	DRL	Ċ
Cook 4-14B3	14			4301351162			OW	DRL	Ċ
Peterson 4-22C6	22			4301351163			ow	DRL	č
Lake Fork Ranch 4-14B4	14			4301351240			ow	DRL	C
Melesco 4-20C6	20			4301351241			ow	DRL	C
Peck 3-13B5	13			4301351364			ow	DRL	C
Jensen 2-9C4	09			4301351375			ow	DRL	C
El Paso 3-5C4	05			4301351376			ow	DRL	C
ULT 6-31	31		1	4304740033	10505	FEE	ow	LA	
OBERHANSLY 2-2A1	02			4304740164		FEE	ow	LA	
DWR 3-15C6	15			4301351433		14-20-H62-4724	ow	NEW	С
Lake Fork Ranch 5-23B4	23			4301351433		Fee	OW	NEW	+
	10			4301350739		Fee	OW	NEW	С
Duchesne Land 4-10C5			1	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09		<u>i</u>			Fee	OW	NEW	C
Layton 4-2B3	02			4301351389		· · · · · · · · · · · · · · · · · · ·	OW	NEW	C
Golinski 4-24B5	24			4301351404		Fee			C
Alba 1-21C4	21			4301351460		Fee	OW OW	NEW	C
Allison 4-19C5	19			4301351466	ļ	Fee	OW	NEW	C
Seeley 4-3B3	03			4301351486		Fee	OW OW	NEW	C
Allen 4-25B5	25			4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06			4301351489		Fee	OW	NEW	C
Young 2-7C4	07			4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31			4304752471		Fee	OW	NEW	
Hamaker 3-25A1	25			4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29			4304752871	17070	Fee	OW	NEW	C
HORROCKS 5-20A1	20			4301334280			OW	OPS	С
DWR 3-19C6	19		<u> </u>			14-20-462-1120		P	
DWR 3-22C6	22					14-20-462-1131		P	
DWR 3-28C6	28					14-20-462-1323		P	
UTE 1-7A2	07					14-20-462-811	WO	Р	
UTE 2-17C6	17					14-20-H62-1118		Р	
WLR TRIBAL 2-19C6	19	1	1			14-20-H62-1120		P	
CEDAR RIM 10-A-15C6	15					14-20-H62-1128		Р	
CEDAR RIM 12A	28					14-20-H62-1323		Ρ	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34					1420H621329	OW	Ρ	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	Ρ	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	WO	Ρ	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	Ρ	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	WO	Ρ	
UTE 2-33Z2	33					14-20-H62-1703	WO	Ρ	
UTE TRIBAL 2-34Z2	34					14-20-H62-1704		Ρ	
LAKE FORK RANCH 3-13B4	13					14-20-H62-1743		Р	
UTE 1-28B4	28			4301330242		14-20-H62-1745		P	
UTE 1-34A4	34			4301330076		14-20-H62-1774		P	
UTE 1-36A4	36			4301330069		14-20-H62-1793		P	
UTE 1-1B4	01			4301330129		14-20-H62-1798		P	
UTE 1-31A2	31			4301330401	4	14-20-H62-1801		P	
	51	0103	02000	+301330401	1320	1-7-20-1102-1001			<u>. </u>

UTE 1-25A3	25	0109	030101	4301330370	1020	14-20-H62-1802	0.W	Р	1
UTE 2-25A3	25					14-20-H62-1802		P	
UTE 1-26A3	26			4301330348		14-20-H62-1803		P	+
	26			4301330348			· · · · · · · · · · · · · · · · · · ·	P	
UTE 2-26A3	· · · · · · · · · · · · · · · · · · ·						ow	P	<u> </u>
UTE TRIBAL 4-35A3	35			4301350274 4301331292				P	C
UTE 2-35A3	35				1		······		
UTE 3-35A3	35		L	4301331365	1			P	
UTE 1-6B2	06	h		4301330349			OW	P	
UTE 2-6B2	06					14-20-H62-1807		P	
UTE TRIBAL 3-6B2	06				1	14-20-H62-1807		P	С
POWELL 4-19A1	19			4301330071		14-20-H62-1847	the second se	P	
COLTHARP 1-27Z1	27			4301330151		14-20-H62-1933		P	+
UTE 1-8A1E	08		1	4304730173		14-20-H62-2147		Р	
UTE TRIBE 1-31	31			4301330278		14-20-H62-2421		Ρ	
UTE 1-28B6X	28					14-20-H62-2492		Р	
RINKER 2-21B5	21					14-20-H62-2508		Ρ	L
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	WO	Ρ	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	Ρ	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	Ρ	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	Ρ	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	Ρ	
UTE TRIBAL 1-35A1E	35		010E			14-20-H62-2665		Ρ	
UTE TRIBAL 1-15A1E	15	1		4304730820	1	14-20-H62-2717		Ρ	
UTE TRIBAL P-3B1E	03					14-20-H62-2873		P	
UTE TRIBAL 1-22A1E	22			4304730429		14-20-H62-3103		P	+
B H UTE 1-35C6	35			4301330419				P	
BH UTE 2-35C6	35			4301332790		14-20-H62-3436		Р	<u> </u>
MCFARLANE 1-4D6	04			4301331074	1			P	+
UTE TRIBAL 1-11D6	11			4301330482		14-20-H62-3454		P	+
CARSON 2-36A1	36			4304731407		14-20-H62-3454		P	+
	30 14			4301330775		14-20-H62-3809	· · · · · · · · · · · · · · · · · · ·	P	
UTE 2-14C6	ļ				1	14-20-H62-3809		P	+
DWR 3-14C6	14	L						P	
THE PERFECT "10" 1-10A1	10			4301330935		14-20-H62-3855			
BADGER-SAM H U MONGUS 1-15A1	15			4301330949		14-20-H62-3860		P	
MAXIMILLIAN-UTE 14-1	14			4301330726		14-20-H62-3868		P	+
FRED BASSETT 1-22A1	22			4301330781		14-20-H62-3880		P	
UTE TRIBAL 1-30Z1	30					14-20-H62-3910		P	
UTE LB 1-13A3	13			4301330894		14-20-H62-3980		Р	
UTE 2-22B6	22			1		14-20-H62-4614		Ρ	Ļ
UINTA OURAY 1-1A3	01				<u></u>	14-20-H62-4664		Р	
UTE 1-6D6	06					14-20-H62-4752	OW	Ρ	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	WO	Ρ	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	WO	P	
HILL 3-24C6	24					1420H624866	WO	Ρ	С
BARCLAY UTE 2-24C6R	24				1	14-20-H62-4866	OW	Р	
BROTHERSON 1-2B4	02		L	4301330062		FEE	OW	P	1
BOREN 1-24A2	24			4301330084		FEE	OW	P	+
FARNSWORTH 1-13B5	13	<u> </u>		4301330092	A	FEE	ow	P	
BROADHEAD 1-21B6	21			4301330100		FEE	OW	P	+
ASAY E J 1-20A1	20			4301330102		FEE	OW	P	+
HANSON TRUST 1-5B3	20 05			4301330102		FEE	OW	P	+
ELLSWORTH 1-8B4	05			4301330109		FEE	OW	P	
	+			4301330112		FEE	OW	P	+
ELLSWORTH 1-9B4	09	+			+			P	ļ
ELLSWORTH 1-17B4	17			4301330126		FEE	WO		+
CHANDLER 1-5B4	05			4301330140		FEE	OW OW	P	
HANSON 1-32A3	32		L	4301330141		FEE	WO	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4/25	FEE	WO	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P
GOODRICH 1-2B3	02			4301330182	1	FEE	OW	P
ELLSWORTH 1-19B4	19			4301330183	4 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	FEE	OW	P
DOYLE 1-10B3	10			4301330187		FEE	OW	P
JOS. SMITH 1-17C5	17			4301330188	1	FEE	OW	P
RUDY 1-11B3	11	1		4301330204		FEE	ŌW	P
CROOK 1-6B4	06			4301330213		FEE	OW	P
HUNT 1-21B4	21			4301330214		FEE	OW	Р
LAWRENCE 1-30B4	30			4301330220		FEE	OW	P
YOUNG 1-2984	29			4301330246	1	FEE	OW	P
GRIFFITHS 1-33B4	33			4301330288		FEE	OW	P
POTTER 1-2B5	02			4301330200		FEE	OW	P
BROTHERSON 1-26B4	26	in the second se		4301330293		FEE	OW	P
SADIE BLANK 1-33Z1	33	1		4301330355		FEE	ow	P
	33 24			4301330355		FEE	OW	P
POTTER 1-24B5				4301330358		FEE	OW	P
WHITEHEAD 1-22A3	22			4301330357	1	FEE	OW	P
CHASEL MILLER 2-1A2	01			and the second se		FEE	OW	P
ELDER 1-13B2	13			4301330366			OW	P
BROTHERSON 2-10B4	10			4301330443		FEE	OW	P
FARNSWORTH 2-7B4	07			4301330470		FEE	OW	P
TEW 1-15A3	15			4301330529		FEE	OW	P
UTE FEE 2-20C5	20			4301330550		FEE		P
HOUSTON 1-34Z1	34			4301330566		FEE	WO	
GALLOWAY 1-18B1	18			4301330575		FEE	OW	P
SMITH 1-31B5	31			4301330577		FEE	OW	P
LEBEAU 1-34A1	34			4301330590		FEE	OW OW	P
LINMAR 1-19B2	19			4301330600	1	FEE	OW	P
WISSE 1-28Z1	28			4301330609		FEE	OW	P
POWELL 1-21B1	21			4301330621		FEE	OW	P
HANSEN 1-24B3	24			4301330629		FEE	OW	P
OMAN 2-4B4	04			4301330645		FEE	OW	P
DYE 1-25Z2	25			4301330659		FEE	OW	P
H MARTIN 1-21Z1	21			4301330707		FEE	OW	P P
JENSEN 1-29Z1	29		1	4301330725		FEE	OW	P
CHASEL 2-17A1 V	17			4301330732		FEE	OW	P
BIRCHELL 1-27A1	27			4301330758		FEE	OW	+
CHRISTENSEN 2-8B3	08			4301330780		FEE	OW	P
LAMICQ 2-5B2	05			4301330784		FEE	OW	P
BROTHERSON 2-14B4	14			4301330815			OW	P
MURRAY 3-2A2	02	-		4301330816		FEE	OW	P
HORROCKS 2-20A1 V	20	1		4301330833		FEE	OW	P
BROTHERSON 2-2B4	02	1		4301330855		FEE	OW	P
ELLSWORTH 2-8B4	08			4301330898		FEE	OW	P
OMAN 2-32A4	32			4301330904			WO	P
BELCHER 2-33B4	33	+		4301330907		FEE	OW	P
BROTHERSON 2-35B5	35			4301330908			OW	P
HORROCKS 2-4A1 T	04	1		4301330954			OW	P
JENSEN 2-29A5	29			4301330974			OW	P
UTE 2-34A4	34		And the second s	4301330978			OW	P
CHANDLER 2-5B4	05			4301331000			OW	P
BABCOCK 2-12B4	12			4301331005			WO	P
BADGER MR BOOM BOOM 2-29A1	29			4301331013			OW	P
BLEAZARD 2-18B4	18			4301331025		FEE	OW	P
BROADHEAD 2-32B5	32			4301331036			OW	Р
ELLSWORTH 2-16B4	16			4301331046			OW	Р
RUST 3-4B3	04			4301331070	and the second s	FEE	OW	Р
HANSON TRUST 2-32A3	32			4301331072		FEE	OW	P
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P

HANSON TRUST 2-5B3	05	0205	030W	430133107	9 1636	FEE	OW	P	
BROTHERSON 2-15B4	15		(····································	430133110		FEE	ow	P	
MONSEN 2-27A3	27		F	430133110		FEE	OW	P	•
ELLSWORTH 2-19B4	19			430133110		FEE	ow	P	
HUNT 2-21B4	21			43013311		FEE	OW	P	
JENKINS 2-1B3	01			43013311		FEE	OW	P	
	24			43013311		FEE	OW	P	
POTTER 2-24B5			-			FEE	OW	P	
POWELL 2-13A2 K	13			430133112			OW	P	
JENKINS 2-12B3	12			430133112			ow	P	
MURDOCK 2-26B5	26			430133112		FEE		P	
BIRCH 3-27B5	27			430133112		FEE	OW	P	
ROBB 2-29B5	29			430133113			OW		
LAKE FORK 2-13B4	13			430133113	1		OW	P	
DUNCAN 3-1A2 K	01			430133113			OW	P	
HANSON 2-9B3	09			430133113			OW	P	· •••• ••• ••• •
ELLSWORTH 2-9B4	09			430133113			OW	P	
UTE 2-31A2	31			430133113			OW	P	
POWELL 2-19A1 K	19			430133114		FEE	WO	P	
CEDAR RIM 8-A	22			430133117			OW	P	
POTTER 2-6B4	06			430133124			OW	P	
MILES 2-1B5	01			430133125			WO	P	
MILES 2-3B3	03			430133126			OW	P	
MONSEN 2-22A3	22			430133126			OW	P	
WRIGHT 2-13B5	13			430133126			OW	P	
TODD 2-21A3	21			430133129			OW	P	
WEIKART 2-29B4	29			430133129			OW	Р	
YOUNG 2-15A3	15	010S	030W	430133130)1 11344	FEE	OW	Р	
CHRISTENSEN 2-29A4	29	010S	040W	430133130	3 11235	FEE	OW	Р	
BLEAZARD 2-28B4	28	020S	040W	430133130	04 11433	FEE	OW	Ρ	
REARY 2-17A3	17	010S	030W	430133131	8 11251	FEE	WO	Р	
LAZY K 2-11B3	11	020S	030W	43013313	52 11362	FEE	WO	P	
LAZY K 2-14B3	14	020S	030W	430133135	54 11452	FEE	OW	Ρ	
MATTHEWS 2-13B2	13			430133135			ÓW	P	
LAKE FORK 3-15B4	15			430133135			OW	P	
STEVENSON 3-29A3	29	010S	030W	430133137	6 11442	FEE	OW	Р	
MEEKS 3-8B3	08	020S	030W	430133137	7 11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	430133138	89 11488	FEE	ŌW	P	
DUNCAN 5-13A2	13	010S	020W	43013315	6 11776	FEE	WO	Ρ	
OWL 3-17C5	17	030S	050W	430133211	2 12476	FEE	WO	P	
BROTHERSON 2-24 B4	24	020S	040W	430133269	5 14652	FEE	WO	P	
BODRERO 2-15B3	15	020S	030W	430133275	55 14750	FEE	WO	P	
BROTHERSON 2-25B4	25	020S	040W	430133279	1 15044	FEE	OW	Ρ	
CABINLAND 2-16B3	16			43013329			OW	Ρ	
KATHERINE 3-29B4	29			430133292			WO	P	
SHRINERS 2-10C5	10		L	430133300			OW	Ρ	
BROTHERSON 2-26B4	26			430133313			OW	P	
MORTENSEN 4-32A2	32		<u> </u>	43013332			OW	P	
FERRARINI 3-27B4	27			430133326			OW	P	
RHOADES 2-25B5	25			430133346		the second	OW	P	
CASE 2-31B4	31			430133354			ŌW	P	
ANDERSON-ROWLEY 2-24B3	24			43013336			OW	P	
SPROUSE BOWDEN 2-18B1	18			430133380			OW	P	
BROTHERSON 3-11B4	11			430133390		and the second s	OW	P	
KOFFORD 2-36B5	36			430133398		the second secon	OW	P	
ALLEN 3-7B4	07			4301333402			OW	P	
BOURNAKIS 3-18B4	18			43013340			ow	P	
MILES 3-12B5	12		-	43013341			OW	P	
OWL and HAWK 2-31B5	31	·		430133412			OW	P	
	51	0203	00000	+50155412	.5_17300		000		

OWL and HAWK 4-17C5	17	0305	050\/	301334193	17387	CEC	WO	P	
DWR 3-3285	32		1	4301334207			OW	P	
LAKE FORK RANCH 3-22B4	22	4	1	1301334261			ow	P	+
			1 · · · · · · · · · · · · · · · · · · ·	4301354201			ow	P	
HANSON 3-9B3	09							P	
DYE 2-28A1	28			1301350066			WO		÷
MEEKS 3-32A4	32			1301350069			WO	P	-
HANSON 4-8B3	08			4301350088			WO	P	C
LAKE FORK RANCH 3-14B4	14			4301350097			OW	P	
ALLEN 3-9B4	09			1301350123			WO	Ρ	ļ
HORROCKS 4-20A1	20			4301350155			WO	Р	
HURLEY 2-33A1	33		i	1301350166			WO	Ρ	ļ
HUTCHINS/CHIODO 3-20C5	20			4301350190			WO	Ρ	
ALLEN 3-8B4	08			4301350192			WO	P	
OWL and HAWK 3-10C5	10	030S	050W 4	4301350193	17532	FEE	WO	Ρ	
OWL and HAWK 3-19C5	19	030S	050W 4	4301350201	17508	FEE	OW	Ρ	
EL PASO 4-29B5	29	020S	050W 4	1301350208	17934	FEE	OW	P	С
DONIHUE 3-20C6	20	030S	060W 4	4301350270	17762	FEE	WO	Ρ	
HANSON 3-5B3	05	020S	030W 4	1301350275	17725	FEE	OW	Ρ	С
SPRATT 3-26B5	26	020S	050W 4	4301350302	17668	FEE	WO	Ρ	
REBEL 3-35B5	35			1301350388			OW	Ρ	С
FREEMAN 4-16B4	16			1301350438			OW	Ρ	С
WILSON 3-36B5	36			1301350439			OW	P	C
EL PASO 3-21B4	21			1301350474		the second	OW	P	C
IORG 4-12B3	12			4301350487			OW	Р	Ċ
CONOVER 3-3B3	03			1301350526		and the second sec	ow	P	Ċ
ROWLEY 3-16B4	16			4301350569			OW	P	C
POTTS 3-14B3	14			4301350570			OW	P	C
						Fee	OW	P	C C
POTTER 4-27B5	27			4301350571				P	
EL PASO 4-21B4	21		1	4301350572			WO		C
LAKE FORK RANCH 3-26B4	26			1301350707		······································	WO	P	C
LAKE FORK RANCH 3-25B4	25			4301350711		Fee	OW	Ρ	C
LAKE FORK RANCH 4-23B4	23			1301350713		/	OW	P	C
LAKE FORK RANCH 4-15B4	15			1301350715		Fee	OW	P	С
LAKE FORK RANCH 3-24B4	24			1301350716		Fee	WO	Ρ	С
GOLINSKI 1-8C4	08			4301350986	+	Fee	OW	P	С
J ROBERTSON 1-1B1	01			1304730174		FEE	OW	Ρ	
TIMOTHY 1-8B1E	08			4304730215		FEE	OW	Ρ	
MAGDALENE PAPADOPULOS 1-34A1E	34			4304730241		FEE	OW	Ρ	
NELSON 1-31A1E	31	010S	010E 4	4304730671	830	FEE	OW	Ρ	
ROSEMARY LLOYD 1-24A1E	24	010S	010E 4	1304730707	840	FEE	Ŵ	P	
H D LANDY 1-30A1E	30	010S	010E 4	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E 4	4304730805	855	FEE	OW	Ρ	
BOLTON 2-29A1E	29			4304731112		FEE	WO	Ρ	
PRESCOTT 1-35Z1	35			1304731173		FEE	OW	Ρ	
BISEL GURR 11-1	11			4304731213		FEE	OW	Ρ	+
UTE TRIBAL 2-22A1E	22			1304731265		FEE	OW	Ρ	+
L. BOLTON 1-12A1	12			4304731295		FEE	OW	P	<u>†</u>
FOWLES 1-26A1	26			4304731296		FEE	ow	P	+
BRADLEY 23-1	23			4304731297		FEE	OW	P	+
BASTIAN 1-2A1	02			4304731373		FEE	OW	P	
				4304731373		FEE	OW	P	+
D R LONG 2-19A1E	19						ow	P	+
D MOON 1-23Z1	23			4304731479				1	+
O MOON 2-26Z1	26			4304731480			OW	P	+
LILA D 2-25A1	25			4304731797		the second se	OW	P	ļ
LANDY 2-30A1E	30			4304731895			OW	P	+
WINN P2-3B1E	03		has a second sec	4304732321		and the second sec	OW	P	4
BISEL-GURR 2-11A1	11	· +		4304735410			OW	P	ļ
FLYING J FEE 2-12A1	12	010S	010W 4	4304739467	16686	FEE	WO	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	0208	010W	4304739591	16546	FFF	OW	Ρ
OBERHANSLY 3-11A1	11			4304739679			OW	P
DUNCAN 2-34A1	34			4304739944			OW	P
BISEL GURR 4-11A1	11			4304739961			ow	P
KILLIAN 3-12A1	12		<u> </u>	4304740226			OW	P
WAINOCO ST 1-14B1	14	A REAL PROPERTY AND A REAL		4304730818		ML-24306-A	OW	P
UTAH ST UTE 1-35A1	35			4304730182	1	ML-25432	ow	P
STATE 1-19A4	19			4301330322		ML-27912	OW	P
FEDERAL 2-28E19E	28					UTU-0143512	OW	Р
FEDERAL 1-28E19E	28			4304730175		UTU143512	ow	Р
BLANCHARD 1-3A2	03			4301320316		FEE	ow	PA
W H BLANCHARD 2-3A2	03			4301330008		FEE	OW	PA
YACK U 1-7A1	07			4301330018		FEE	OW	PA
JAMES POWELL 3	13			4301330024		FEE	WD	PA
BASTIAN 1 (3-7D)	07			4301330024		FEE	OW	PA
LAMICQ-URRUTY 1-8A2	07		1	4301330020		FEE	OW	PA
BLEAZARD 1-18B4	18			4301330059			OW	PA
OLSEN 1-27A4	27			4301330064		FEE	OW	PA
EVANS 1-31A4				4301330064		FEE	OW	PA
HAMBLIN 1-26A2	31			4301330087		FEE	OW	PA
	26	1					OW	PA
HARTMAN 1-31A3	31			4301330093		FEE	OW	PA
FARNSWORTH 1-7B4	07			4301330097			OW	PA
POWELL 1-33A3	33			4301330105		FEE FEE	OW	PA
LOTRIDGE GATES 1-3B3	03			4301330117	1		OW	
REMINGTON 1-34A3	34			4301330139		FEE		PA
ANDERSON 1-28A2	28			4301330150		FEE	WO	PA PA
RHOADES MOON 1-35B5	35			4301330155		FEE	WO	
JOHN 1-3B2	03			4301330160		FEE	OW	PA
SMITH 1-6C5	06			4301330163		FEE	OW	PA
HÖRROCKS FEE 1-3A1	03		.	4301330171		FEE	WO	PA
WARREN 1-32A4	32			4301330174		FEE	OW	PA
JENSEN FENZEL 1-20C5	20			4301330177		FEE	OW	PA
MYRIN RANCH 1-13B4	13			4301330180		FEE	OW	PA
BROTHERSON 1-27B4	27			4301330185		FEE	OW	PA
JENSEN 1-31A5	31			4301330186		FEE	OW	PA
ROBERTSON 1-29A2	29			4301330189		FEE	OW	PA
WINKLER 1-28A3	28			4301330191		FEE	OW	PA
CHENEY 1-33A2	33			4301330202		FEE	OW	PA
J LAMICQ STATE 1-6B1	06			4301330210		FEE	OW	PA
REESE ESTATE 1-10B2	10			4301330215		FEE	OW	PA
REEDER 1-17B5	17			4301330218		FEE	OW	PA
ROBERTSON UTE 1-2B2	02			4301330225		FEE	WO	PA
HATCH 1-5B1	05			4301330226		FEE	OW	PA
BROTHERSON 1-22B4	22			4301330227		FEE	WO	PA
ALLRED 1-16A3	16			4301330232		FEE	WO	PA
BIRCH 1-35A5	35			4301330233		FEE	WO	PA
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	WO	PÁ
BUZZI 1-11B2	11			4301330248		FEE	WO	PA
SHISLER 1-3B1	03			4301330249		FEE	WO	PA
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA
EVANS UTE 1-19B3	19			4301330265		FEE	WO	PA
SHELL 2-27A4	27			4301330266		FEE	WD	PA
DYE 1-29A1	29			4301330271			OW	PA
VODA UTE 1-4C5	04			4301330283		FEE	OW	PA
BROTHERSON 1-28A4	28	1		4301330292		FEE	WO	PA
MEAGHER 1-4B2	04			4301330313	+	FEE	OW	PA
NORLING 1-9B1	09			4301330315		FEE	OW	PA
S. BROADHEAD 1-9C5	09		t	4301330316		FEE	OW	PA
		10000				· · · · · · · · · · · · · · · · · · ·		den i i i i i i i i i i i i i i i i i i i

TIMOTHY 1-09A3	09	0105	030\W	4301330321	10883	FEE	WO	PA
BARRETT 1-34A5	34			4301330323		FEE	ow	PA
MEAGHER TRIBAL 1-9B2	09			4301330325		FEE	ow	PA
PHILLIPS UTE 1-3C5	03		2	4301330323		FEE	ow	PA
ELLSWORTH 1-20B4	20			4301330351		FEE	ow	PA
LAWSON 1-28A1	28	. t		4301330358		FEE	ow	PA
AMES 1-23A4	23			4301330356		FEE	ow	PA
HORROCKS 1-6A1	06			4301330375		FEE	ow	PA
SHRINE HOSPITAL 1-10C5	10			4301330390		FEE	ow	PA
GOODRICH 1-18B2	18			4301330393		FEE	ow	PA
SWD POWELL 3	13			4301330397			WD	PA
BODRERO 1-15B3	15			4301330565		FEE	OW	PA
MOON TRIBAL 1-30C4	30			4301330576		FEE	ow	PA
DUNCAN 2-9B5	09			4301330370		FEE	ow	PA
FISHER 1-16A4	16			4301330719		FEE	ow	PA
URRUTY 2-34A2	34			4301330753		FEE	ow	PA
GOODRICH 1-24A4	24	1		4301330755		FEE	ow	PA
CARL SMITH 2-25A4	25		1	4301330700		FEE	ow	PA
ANDERSON 1-A30B1	30			4301330783		FEE	ow	PA
CADILLAC 3-6A1	06			4301330834		FEE	ow	PA
MCELPRANG 2-31A1	31			4301330836		FEE	ow	PA
REESE ESTATE 2-10B2	10			4301330837		FEE	ow	PA
CLARK 2-9A3	09			4301330876		FEE	ow	PA
JENKINS 3-16A3	16			4301330877		FEE	ow	PA
CHRISTENSEN 2-26A5	26			4301330905			ow	PA
FORD 2-36A5	36			4301330911		FEE	ow	PA
MORTENSEN 2-32A2	32			4301330929		FEE	ow	PA
WILKERSON 1-20Z1	20			4301330942		FEE	ow	PA
UTE TRIBAL 2-4A3 S	04			4301330950			OW	PA
OBERHANSLY 2-31Z1	31			4301330970		FEE	ow	PA
MORRIS 2-7A3	07			4301330977		FEE	OW	PA
POWELL 2-08A3	08			4301330979			OW	PA
FISHER 2-6A3	06			4301330984			ow	PA
JACOBSEN 2-12A4	12			4301330985			OW	PA
CHENEY 2-33A2	33			4301331042			OW	PA
HANSON TRUST 2-29A3	29			4301331043		FEE	OW	PA
BURTON 2-15B5	15			4301331044			OW	PA
EVANS-UTE 2-17B3	17			4301331056			OW	PA
ELLSWORTH 2-20B4	20			4301331090		FEE	OW	PA
REMINGTON 2-34A3	34			4301331091		FEE	OW	PA
WINKLER 2-28A3	28			4301331109		FEE	WO	PA
TEW 2-10B5	10		-	4301331125		FEE	OW	PA
LINDSAY 2-33A4	33			4301331141		FEE	OW	PA
FIELDSTED 2-28A4	28			4301331293			OW	PA
POWELL 4-13A2	13			4301331336			GW	PA
DUMP 2-20A3	20			4301331505			OW	PA
SMITH 2X-23C7	23			4301331634			D	PA
MORTENSEN 3-32A2	32			4301331872			ŌW	PA
TODD USA ST 1-2B1	02			4304730167	1		OW	PA
STATE 1-7B1E	07			4304730180		FEE	OW	PA
BACON 1-10B1E	10			4304730881		FEE	OW	PA
PARIETTE DRAW 28-44	28			4304731408		FEE	OW	PA
REYNOLDS 2-7B1E	07			4304731840		FEE	WO	PA
STATE 2-35A2	35			4301330156		ML-22874	OW	PA
UTAH STATE L B 1-11B1	11			4304730171		ML-23655	OW	PA
STATE 1-8A3	08			4301330286		ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24			4304730220		ML-26079	OW	PA
CEDAR RIM 15	34			4301330383		14-20-462-1329		S
								<u></u>

UTE TRIBAL 2-24C7	24	0305	070\0/	4201221028	10240	14-20-H62-1135	$\cap W$	S	<u> </u>
CEDAR RIM 12	28			4301330344		14-20-H62-1323		S	
CEDAR RIM 12	33			4301330363		14-20-H62-1328		S	
SPRING HOLLOW 2-34Z3	33			4301330303		14-20-H62-1328		S S	
						14-20-H62-1480		S S	
EVANS UTE 1-17B3	17			4301330274				S S	
UTE JENKS 2-1-B4 G	01			4301331197				S S	
UTE 3-12B3	12					14-20-H62-1810			
UTE TRIBAL 9-4B1	04			4301330194		14-20-H62-1969		S	
UTE TRIBAL 2-21B6	21					14-20-H62-2489		S	
UTE 1-33B6	33			4301330441		14-20-H62-2493		S	
UTE 2-22B5	22					14-20-H62-2509		S	
UTE 1-18B1E	18			4304730969				S	
LAUREN UTE 1-23A3	23			4301330895		14-20-H62-3981		S	
UTE 2-28B6	28					14-20-H62-4622		S	
UTE 1-27B6X	27					14-20-H62-4631		S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631		S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724		S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863		S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12			4301330013	1	FEE	OW	S	
CEDAR RIM 2	20			4301330019		FEE	OW	S	
URRUTY 2-9A2	09			4301330046		FEE	OW	S	······
BROTHERSON 1-14B4	14			4301330051		FEE	OW	S	
RUST 1-4B3	04			4301330063		FEE	ow	S S S	
MONSEN 1-21A3	21			4301330082		FEE	ow	S	
BROTHERSON 1-10B4	10			4301330110	1	FEE	ow	S	
FARNSWORTH 1-12B5	12	-		4301330124		FEE	OW	S	
	+			4301330124		FEE	OW	S	
ELLSWORTH 1-16B4	16							S S	
MARSHALL 1-20A3	20			4301330193		FEE	OW	S S	
CHRISTMAN BLAND 1-31B4	31			4301330198	4	FEE			·····
ROPER 1-14B3	14			4301330217		FEE	OW	S	
BROTHERSON 1-24B4	24			4301330229		FEE	OW	S	
BROTHERSON 1-33A4	33			4301330272		FEE	OW	S	
BROTHERSON 1-23B4	23	+		4301330483		FEE	OW	S	
SMITH ALBERT 2-8C5	08			4301330543		FEE	OW	S	
VODA JOSEPHINE 2-19C5	19			4301330553		FEE	OW	S	
HANSEN 1-16B3	16			4301330617		FEE	OW	S	
BROTHERSON 1-25B4	25		1	4301330668		FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27		· · · ·	4301330915		FEE	OW	S	
HANSKUTT 2-23B5	23		· · · · · · · · · · · · · · · · · · ·	4301330917		FEE	OW	S	
TIMOTHY 3-18A3	18			4301330940		FEE	OW	S	
BROTHERSON 2-3B4	03			4301331008			OW	S	
BROTHERSON 2-22B4	22			4301331086		FEE	OW	S	
MILES 2-35A4	35			4301331087		FEE	OW	S	
ELLSWORTH 2-17B4	17			4301331089		FEE	OW	s	
	36			4301331089		FEE	ow	S S	
RUST 2-36A4						FEE	OW		
EVANS 2-19B3	19	+		4301331113				S S	L
FARNSWORTH 2-12B5	12			4301331115		FEE	WO		
CHRISTENSEN 3-4B4	04	+		4301331142			OW	S	
ROBERTSON 2-29A2	29			4301331150			OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671		OW	S	

El Paso E9 Company, L.P. (N3065) to EP Energy E9 Company, L.P. (N3850) effective 6/1/2012

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	WO	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	WO	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	WO	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	WO	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	WO	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	WO	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	WO	S	T
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	WO	S	T
ORG 2-10B3	10	020S	030W	4301331388	11482	FEE	WO	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	WO	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

	STATE OF UTAH				FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		3	5.LEASE FEE	DESIGNATION AND SERIAL NUMBER:
SUNDF	RY NOTICES AND REPORTS	S ON	WELLS	6. IF IND	IAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL forr	oposals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.	7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Oil Well					NAME and NUMBER: TENSEN 2-29A4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY	, L.P.			9. API NI 43013	JMBER: 313030000
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston,	TX, 77002 713 997-		NE NUMBER: Ext	9. FIELD ALTAM	and POOL or WILDCAT: IONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1425 FSL 2131 FEL				COUNTY DUCHE	
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 29 Township: 01.0S Range: 04.0W Me	eridian:	U	STATE : UTAH	
^{11.} CHEC	K APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPOR	T, OR C	THER 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 show See attached procedure for o	,		o	ļ
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUM 713 997-5038	BER	TITLE Principal Regulatory Analys	t	
SIGNATURE N/A	110 001-0000		DATE 4/11/2013	-	

Christensen 2-29A4 Summary Prog

- POOH w/tubing and ESP
- Remove CIBP @ 11,534' (leaving existing plug at 12,430')
- Install Metalskin Expandable liner from ~10,940' to 11,560' to cover and shut off water producing perfs
- RIH w/tubing and ESP
- Clean location and resume production

	STATE OF UTAH		FORM 9	
	DEPARTMENT OF NATURAL RESOUR		5.LEASE DESIGNATION AND SERIAL NUMBER:	
	DIVISION OF OIL, GAS, AND MI	NING	FEE	
SUNDF	Y NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	pposals to drill new wells, significantly reenter plugged wells, or to drill horize n for such proposals.	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: CHRISTENSEN 2-29A4	
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY,	L.P.		9. API NUMBER: 43013313030000	
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston,	TX, 77002 713 997-5	PHONE NUMBER: 5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1425 FSL 2131 FEL			COUNTY: DUCHESNE	
QTR/QTR, SECTION, TOWNSI	HIP, RANGE, MERIDIAN: 29 Township: 01.0S Range: 04.0W Me	ridian: U	STATE: UTAH	
^{11.} CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	™ ₹T, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE WELL NAME	
	CHANGE WELL STATUS			
SUBSEQUENT REPORT Date of Work Completion:		FRACTURE TREAT		
5/16/2013	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL		
		VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	V WATER SHUTOFF	SI TA STATUS EXTENSION		
	WILDCAT WELL DETERMINATION	OTHER	OTHER:	
Tagged cement @ 12220' to 7" I	COMPLETED OPERATIONS. Clearly show 11568'. Drilled cement & CE iner top. Set steel skin line 58'-11594' SLM. See attache	3P. Ran caliper log from r @ 10934'-11560'	depths, volumes, etc. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 05, 2013	
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMI 713 997-5038	BER TITLE Principal Regulatory Analys	st	
SIGNATURE	115 331-5050			
N/A		8/6/2013		

CENTRAL DIVISION

ALTAMONT FIELD CHRISTENSEN 2-29A4 CHRISTENSEN 2-29A4 WORKOVER LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner (s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	CHRISTENSEN 2-29A4	CHRISTENSEN 2-29A4								
Project	ALTAMONT FIELD	Site	CHRISTENSEN 2-29A4							
Rig Name/No.	PEAK/1100	100 Event WORKOVER LAND								
Start Date	5/6/2013	013 End Date 5/17/2013								
Spud Date/Time	6/4/1991	UWI	029-001-S 004-W 30							
Active Datum	KB @6,573.0ft (above Mean Sea Level)									
Afe	161097/48727 / CHRISTENSEN 2-29A4	161097/48727 / CHRISTENSEN 2-29A4								
No./Description										

2 Summary

2.1 Operation Summary

Date		īme rt-End	Duratio n (hr)	Phase	Activit y	Sub	OP Code	MD From (ft)	Operation
5/7/2013	6:00	7:30	1.50	RDMO	28		Р		CREW TRAVEL HELD SAFETY MEETING ON RIGGING DOWN RIG. FILLED OUT JSA.
	7:30	9:00	1.50	RDMO	02		Р		RIG DOWN RIG CLEANED LOCATION GOT READY TO MOVE.
	9:00	10:00	1.00	RDMO	54		N		FIXED BRAKE LINE ON RIG.
	10:00	12:30	2.50	MIRU	01		Р		MOVED FROM THE 1-18B1, 2-29A4 MIRU
	12:30	15:30	3.00	PRDHEQ	16		Р		NU BOP, NU HYDRIL RU RIG FLOOR .
	15:30	17:00	1.50	PRDHEQ	06		Р		FLUSHED TBG W/ 60 BBLS. SECURED WELL SDFN.
5/8/2013	6:00	7:00	1.00	PRDHEQ	28		Р		CREW TRAVEL TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00	14:30	7.50	PRDHEQ	39		Р		CSIP 20 PSI TSIP 0 PSI BLEED WELL TOH w 349 JTS OF 2 7/8" TBG SPOOLING CAPULARY AND CABLE L/D ESP EQUIPMENT
	14:30	17:30	3.00	PRDHEQ	39		Р		P/U TALLY IN THE HOLE w 6 1/8" ROCK BIT 4-3 1/2" DRILL COLLARS XO 250 JTS OF 2 7/8" TBG EOT 8031' SECURE WELL SDFN
5/9/2013	6:00	7:30	1.50	WBP	28		Р		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING TBG. FILL OUT & REVIEW JSA
	7:30	9:30	2.00	WBP	39		Р		TIH W/ 119 JTS 2-7/8"EUE TBG. TAG CMT @ 11568'.
	9:30	10:30	1.00	WBP	18		Р		RU POWER SWIVEL & STRIPPER HEAD
	10:30	12:00	1.50	WBP	06		Р		PUMP 70 BBLS 2% KCL TO BREAK CIRCULATION
	12:00	14:30	2.50	WBP	18		Р		DRILL CMT & CBP
	14:30	17:00	2.50	WBP	06		Р		CIRCULATE OIL FROM WELL BORE
	17:00	18:00	1.00	WBP	39		Р		RD POWER SWIVEL & TOOH W/ 28 JTS 2-7/8"EUE TBG. SDFN
5/10/2013	6:00	7:30	1.50	WBP	28		Р		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON MAKING UP BHA. FILL OUT & REVIEW JSA
	7:30	21:00	13.50	WBP	39		Ρ		TOOH (WET) W/ 234 JTS 2-7/8"EUE, X-OVER, 4 DRILL COLLARS, BIT SUB & BIT. BIT & BOTTOM DRILL COLLAR WERE PLUGGED W/ CBP PIECES, SCALE & SAND. TIH W/ 6-1/8" BIT, BIT SUB, 2 6.151" OD STRING MILLS, X-OVER, 2 3-1/2"OD DRILL COLLARS, X-OVER & 393 JTS 2-7/8"EUE TBG. TAG BOTTOM @ 12274'. TOOH W/ TBG & STRING MILL ASSEMBLY, LAYING DOWN BIT, MILLS & DRILL COLLARS. SDFN
5/11/2013	6:00	7:30	1.50	WBP	28		Р		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIGGING UP WIRELINE. FILL OUT & REVIEW JSA

2.1 Operation Summary (Continued)

Date	1	Time	Duratio	Phase	Activit	Sub	OP	MD From	Operation
	Sta	irt-End	n (hr)		У		Code	(ft)	
	7:30	14:00	6.50	WLWORK	18		Р		RU WIRELINE TRUCK & RUN CALIPER LOG FROM 12220' TO 7" LINER TOP. POOH & RD WIRELINE TRUCK. SDFN
5/12/2013	6:00	6:00	24.00	WBP	44		Р		SHUT DOWN FOR SUNDAY
5/13/2013	6:00	7:30	1.50	PRDHEQ	28		Р		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PICKING UP CSG PATCH. FILL OUT & REVIEW JSA
	7:30	17:30	10.00	MIRU	18		Ρ		SPOT PIPE RACKS & CATWALK. MOVE METALSKIN PATCH EQUIPMENT TO PIPE RACK. UNLOAD 3-1/2" TBG. MU & STAND BACK 60 3-1/2" X 10' PUP JTS. MEASURE & TIH W/ 56 JTS 3-1/2"EUE TBG. POOH & STAND IN DERRICK. SDFN
5/14/2013	6:00	7:30	1.50	PRDHEQ	28		Р		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PICKING UP CSG PATCH. FILL OUT & REVIEW JSA
	7:30	21:30	14.00	PRDHEQ	24		Р		MU CSG PATCH & INNER STRING.
	21:30	23:00	1.50	PRDHEQ	18		Р		RU WIRE LINE TRUCK & RUN GAMMA RAY LOG TO CORROLATE TBG DEPTH TO WIRELINE DEPTH
	23:00	2:30	3.50	PRDHEQ	18		Р		SET STEELE SKIN LINER @ 10934' TO 11560' WLM, 10968' TO 11594' SLM. SDFN
5/15/2013	9:00	10:30	1.50	PRDHEQ	28		Р		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON LAYING DOWN 3-1/2" TBG. FILL OUT & REVIEW JSA.
	10:30	11:30	1.00	PRDHEQ	06		Р		FLUSH TBG W/ 60 BBLS 2% KCL WTR.
	11:30	18:00	6.50	PRDHEQ	24		Р		TOOH LAYING DOWN 265 JTS 3-1/2"EUE TBG, FLUSHING AS NEEDED. SDFN
5/16/2013	6:00	7:30	1.50	PRDHEQ	28		Р		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON LAYING DOWN TBG & SETTING ASSEMBLY. FILL OUT & REVIEW JSA
	7:30	12:30	5.00	PRDHEQ	24		Р		CONTINUE TOOH LAYING DOWN 3-1/2"EUE TBG & SETTING ASSEMBLY
	12:30	18:00	5.50	PRDHEQ	25		Р		PU & SERVICE PUMP. RIH W/ PUMP ASSEMBLY, 2 JTS 2-7/8"EUE TBG, DRAIN SUB, 2 JTS 2-7/8"EUE TBG & 160 JTS 2-7/8"EUE TBG, PLACING COLLAR STOP 4 JTS ABOVE SEAT NIPPLE. SDFN TO SPLICE CABLE
5/17/2013	6:00	7:30	1.50	INARTLT	28		Р		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIH W/ ESP EQUIPMENT. FILL OUT & REVIEW JSA
	7:30	12:00	4.50	INARTLT	39		Р		CONTINUE TIH W/ 185 JTS 2-7/8"EUE TBG, BANDING CABLE & CAP STRING TOTBG W/ 3 BANDS PER JT.
	12:00	13:30	1.50	INARTLT	18		Р		SPLICE UPPER CONNECTER.
	13:30	15:30	2.00	INARTLT	16		Р		ND BOP STACK. NU WELL HEAD. PRESSURE TEST WELLHEAD TO 1000 PSI. TESTED GOOD
	15:30	17:30	2.00	RDMO	02		Р		RD RIG & RACK OUT EQUIPMENT. MOVE OFF LOCATION.

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2.1	Operation Summary	1

	STATE OF UTAH				FORM 9
D	DEPARTMENT OF NATURAL RESOUR IVISION OF OIL, GAS, AND M			5.LEASE FEE	DESIGNATION AND SERIAL NUMBER:
SUNDRY	NOTICES AND REPORTS	S ON	WELLS	6. IF IN	DIAN, ALLOTTEE OR TRIBE NAME:
below current bottom-h	r proposals to drill new wells, significa ole depth, reenter plugged wells, or PERMIT TO DRILL form for such prop		7.UNIT o	or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well				NAME and NUMBER: en 2-29A4	
2. NAME OF OPERATOR: EP Energy E&P Company, L	Р			9. API N 43013313	-
3. ADDRESS OF OPERAT PO Box 4660 , Houston, TX,		326	PHONE NUMBER:	9. FIELD Altam	and POOL or WILDCAT: ONT
4. LOCATION OF WELL FOOTAGES AT SURFACE	:			COUNTY DUCHES	
	DWNSHIP, RANGE, MERIDIAN: 9 Township: 1S Range: 4W Meridian: U		STATE: UTAH		
11. CHECk	APPROPRIATE BOXES TO INDIC	CATE N	ATURE OF NOTICE,	REPORT	, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	N	
NOTICE OF INTENT	ACIDIZE		TER CASING		CASING REPAIR
Approximate date work will start: 11/25/2020	\Box change to previous plans \Box change tubing \Box change well name				CHANGE WELL NAME
11/25/2020	CHANGE WELL STATUS	Со	MMINGLE PRODUCING FORM	IATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN DEEPEN	FR.	ACTURE TREAT		NEW CONSTRUCTION
	OPERATOR CHANGE	🗸 PL	UG AND ABANDON		PLUG BACK
	PRODUCTION START OR RESUME	RE	CLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
BPUD REPORT Date of Spud:	□ REPERFORATE CURRENT FORMATION		DETRACK TO REPAIR WELL		TEMPORARY ABANDON
	TUBING REPAIR	VE VE	NT OR FLARE		WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI	FA STATUS EXTENSION		APD EXTENSION
Report Date:	□ WILDCAT WELL DETERMINATION	🗆 от	HER		OTHER:
EP Energy E&P Comp subject well. Please s	D OR COMPLETED OPERATIONS. Clear any, L.P. respectfully requests to see the attached procedure for de tact the undersigned. Thank you	o plug a etails. I	and abandon the		ates, depths, volumes, etc. Approved by the Utah Division of Oil, Gas and Mining e: December 02, 2020 Glis Augustan
				Pleas	e Review Attached Conditions
NAME (PLEASE PRINT) Teisha Black	PHONE N 435-454-4236	UMBER	TITLE Sr. Regulatory Analyst		
SIGNATURE N/A			DATE 11/25/2020		



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 43013313030000

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Bart Kettle at 435-820-0862.

2. All plugs shall be at depths as proposed in operator's submitted plan or as otherwise required by either these conditions of approval or by the onsite DOGM representative. Cement volumes used for the plugs shall be appropriate for casing and borehole sizes. Methods of placement for the cement plugs shall be as necessary to assure isolation inside and outside the casing strings at each prescribed plug depth. All cement plugs must be of approved materials and mixed to provide acceptable compressive strength.

Amend Plug #1: This cement plug shall be no less than 100 feet in length, so the placement depth for the cement plug will be 10,800' – 10,900'.

Add Plug #3: A 100-foot cement plug is required to isolate at the top of the Green River at approximately 6250'. Because there is no record of cement behind the production liner at this depth, the cement plug required at 6200' to 6300' shall be placed both inside and outside the 7" liner.

Amend plug at BMSGW: UGS SS-144 (2012) indicates BMSGW is at approximately 4250' in this well bore. The cement plug proposed at 3450' - 3550' to isolate the BMSGW shall be moved to 4200' – 4300'.

3. All balanced plugs shall be tagged to ensure that they are at the depths specified unless otherwise directed by on-site DOGM representative.

4. All casing and annuli shall be cemented from a minimum depth of 100' to the surface.

5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.

6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.

7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.

8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.



Plug & Abandon

Christensen 2-29A4

API #: 43-013-31303 Sec. 29-T1S-R4W Altamont/Bluebell Field Duchesne County, Utah

Date: 11/24/2020

Field Plug & Abandonment Procedure

AFE – Pending

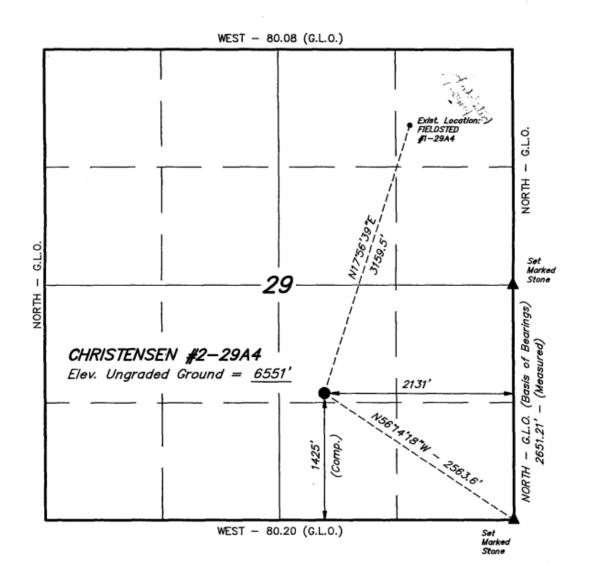
Prepared/Approved By:		
	Corey Jones – Prod. Operations Engineer	Date
Production Supervisor:		
	Ron Theener – Production Supervisor	Date
Engineering Manager:		
	Jeff Langlois – Production Manager	Date

1

Distribution (Approved copies): Corey Jones Jeff Langlois Ron Theener Joe Sager Well File (Central Records) / Altamont Office (Well Files)

EP ENERGY

T1S, R4W, U.S.B.&M.



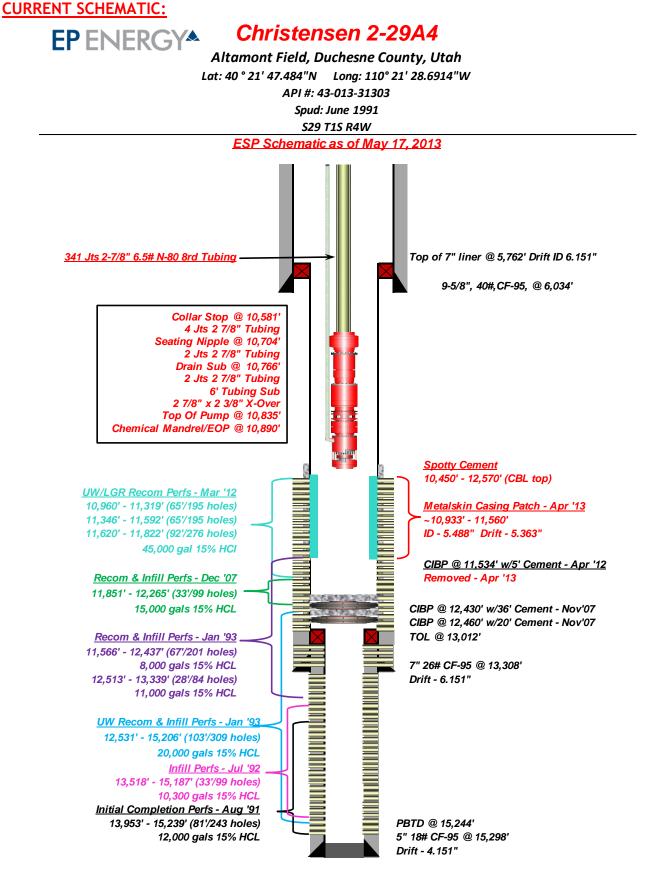
CURRENT STATUS:

This well is currently shut in with tubing and ESP equipment in hole.

Casing Fluid:	Produced Fluid
TD:	15,244'
PBTD:	12,394'

2





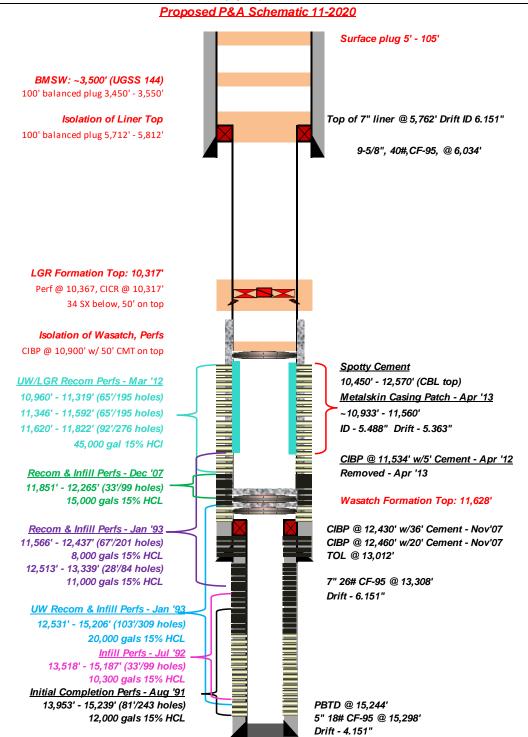


PROPOSED ABANDONMENT SCHEMATIC:

EP ENERGY Christensen 2-29A4

Altamont Field, Duchesne County, Utah Lat: 40 ° 21' 47.484"N Long: 110° 21' 28.6914"W API #: 43-013-31303 Spud: June 1991

S29 T1S R4W





Tubular Data

Casing Data			
OD	5"	7"	9-5/8"
Wt	18	26	40
Grade	CF-95	CF-95	CF-95
ID	4.276	6.276	8.835
Capacity (bbl/ft)	0.0178	0.0383	0.0758

Plug & Abandonment Procedure

- 1. Notify:
 - Notify UDOGM at least 48 hours in advance of rigging up.
- 2. MIRU workover rig and spooling units.
- 3. ND wellhead. NU BOP.
- 4. Test BOP to 5,000psi for at least 10 minutes. Record, date and sign test (wellsite supervisor). Record BOP serial number.
- 5. POOH with tubing and ESP flushing w/hot 2% KCl, as needed.
 - i. Check for NORM.
 - ii. If no NORM is found, note it in the daily report.
 - iii. If NORM is found in the tubing or equipment; Follow EPE procedures and chain of custody paperwork for handling, wrapping and transporting NORM tubing to a proper cleaning or disposal site.
- 6. MIRU wireline. RIH w/ gauge ring for 7" 26# casing to 10,900'. RD wireline.
 - a. If tag is higher than 10,900' continue with procedure, <u>otherwise skip to step</u> <u>9.</u>
- 7. If 7" tag is above 10,900', PU rock bit, 7" casing scraper and 2-7/8" tbg (or work-string). Work down to 10,900' and attempt to establish circ with FSW, circ until returns clean. POOH.
- 8. POOH standing back 2-7/8" tbg (or workstring) and lay down rock bit and csg scraper.

Plug and Fill Summary										
Step Bottom Top Length BBLs SX Cu										
CMT Plug 5 (Surface)	105	5	100	7.58	40.53	42.56				
Fill 4	3450	105	3345	253.55		1423.69				
Cmt Plug 4 (BMSW)	3550	3450	100	7.58	40.53	42.56				
Fill 3	5712	3550	2162	163.88		920.18				
Cmt Plug 3 (Liner Top)	5812	5712	100	5.71	30.51	32.03				
Fill 2	10267	5812	4455	170.63		958.07				
CMT Plug 2 (LGR) Above	10317	10267	50	1.92	10.24	10.75				
CMT Plug 2 (LGR) Below	10367	10317	50	1.92	10.24	10.75				
CMT Plug 2 (LGR) Ann	10367	10267	100	2.68	22.93	15.05				
Fill 1	10850	10317	533	20.41		114.62				
CMT Plug 1 (Wasatch/Perfs)	10900	10850	50	1.92	10.24	10.75				

60% Excess in Openhole

Total: 615.43 154.99 3455.65



Plug #1 (CIBP @ 10,900' w 50' CMT on top)

- 9. TIH w/ 2-7/8" tbg (or workstring) and CIBP to 10,900'. Set CIBP.
- 10. Mix 11 SX 15.8 ppg 1.05 yield class G cement plug. Pump 50' plug over CIBP to 10,850'.
- 11. PU above cement and reverse circulate the hole clean; Monitor surface samples of cement to determine when the cement has set up. Tag CMT top at 10,850' or higher.
- 12. Circulate in inhibited 2% KCl to 10,317' (~21 bbls).
- 13. TOOH standing back 10,317' 2-7/8" tubing.

Plug #2 (Perf @ 10,367' & CICR @ 10,317' - 34 sx below and 50' on top)

- 14. MIRU WL. RIH w/ 7" perforation tools. Perforate 7" casing @ 10,367'. RD WL.
- 15. TIH w/ 2-7/8" tbg (or workstring) and CICR to 10,317'. Set CICR.
- 16. Mix 45 SX 15.8 ppg 1.05 yield class G cement plug. Sting in to CICR and pump 34 sx. Sting out and pump 11 sx cmt. Catch cement sample.
- 17. PU above cement and reverse circulate the hole clean; Monitor surface samples of cement to determine when the cement has set up. Tag CMT top at 10,267' or higher.
- 18. Circulate in inhibited 2% KCl to 5,812' (~171 bbls).
- 19. POOH to 5,812'.

Plug #3 (100' balanced plug 5,712' -5,812')

- 20. W/ 2-7/8" tbg (or workstring) open ended at 5,512' establish circ.
- 21. Mix 31 SX 15.8 ppg 1.05 yield class G cement plug. Pump 100' CMT from 5,712' 5,812'. Catch cement sample.
- 22. PU above cement and reverse circulate the hole clean; Monitor surface samples of cement to determine when the cement has set up. Tag CMT plug at 5,712' or higher.
- 23. Circulate in inhibited 2% KCl to 3,550' (~164 bbls).
- 24. POOH to 3,550'.

Plug #4 (100' balanced plug 3,450' - 3,550')

- 25. W/ 2-7/8" tbg (or workstring) open ended at 3,550' establish circ.
- 26. Mix 41 SX 15.8 ppg 1.05 yield class G cement plug. Pump 100' CMT from 3,450' 3,550'. Catch cement sample.
- 27.PU above cement and reverse circulate the hole clean; Monitor surface samples of cement to determine when the cement has set up. Tag CMT plug at 3,450' or higher.
- 28. Circulate in inhibited 2% KCl to surface.
- 29. POOH.

Plug #5 (100' Surface plug)

- 30. Mix 41 SX (100') 15.8 ppg 1.05 yield class G cement plug. Pump 100' surface plug from 5' to 105'.
- 31. Monitor surface cement to determine when the cement has set up.



32. RU casing cutting equipment; Cut the remaining casing at \ge 3' below GL. 33. Weld and install ¹/₄" thick dry hole plate. Dry hole plate is to include the <u>following</u>:

1. Well Name:	Christensen 2-29A4
2. Operator Name :	<u>EP Energy</u>
3. API Number:	<u>43-013-31303</u>
4. Location:	<u>NW ¼, SE ¼, Sec. 29 T1S-R4W U.S.M</u>

34. RD&MO rig & clean up location 35. Restore location as directed

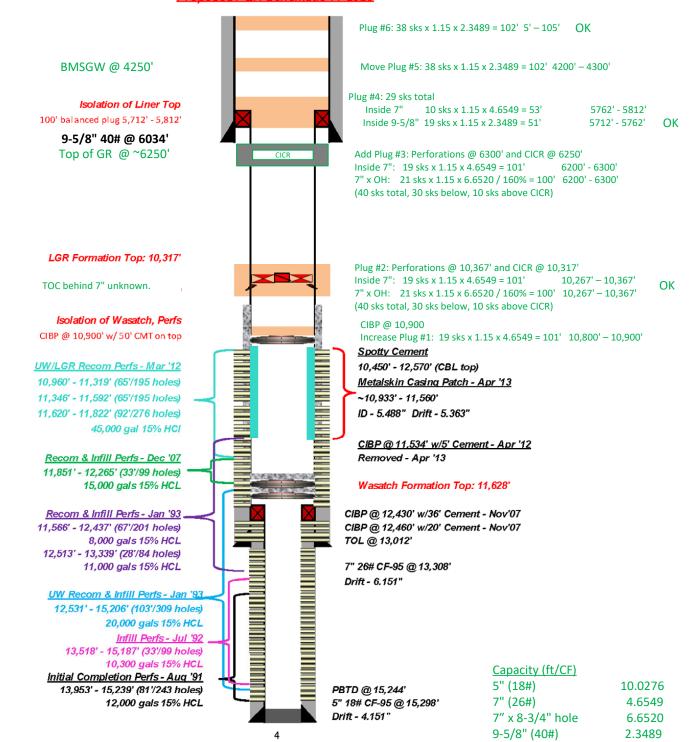
PROPOSED ABANDONMENT SCHEMATIC:

DOGM Diagram

Cement Volumes based on 1.15 CF/Sk yield Class G 60% excess in open-hole

EP ENERGY Altamont Field, Duchesne County, Utah Lat: 40 ° 21' 47.484"N Long: 110° 21' 28.6914"W API #: 43-013-31303 Spud: June 1991 S29 T1S R4W Proposed P&A Schematic 11-2020

Christensen 2-29A4



	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES VISION OF OIL, GAS, AND MINING		FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER:
			FEE
Do not use this form for below current bottom-ho	NOTICES AND REPORTS ON proposals to drill new wells, significantly de ble depth, reenter plugged wells, or to drill h PERMIT TO DRILL form for such proposals.	epen existing wells	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			B. WELL NAME and NUMBER: Christensen 2-29A4
2. NAME OF OPERATOR: EP Energy E&P Company, LI	2		9. API NUMBER: 43013313030000
3. ADDRESS OF OPERATO PO Box 4660 , Houston, TX,			9. FIELD and POOL or WILDCAT: ALTAMONT
	: WNSHIP, RANGE, MERIDIAN: 9 Township: 1S Range: 4W Meridian: U	5	COUNTY: DUCHESNE STATE: UTAH
11. CHECK	APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
EP Energy E&P Compa	□ CHANGE TO PREVIOUS PLANS □ CHANGE WELL STATUS □ CC □ CHANGE WELL STATUS □ CC □ DEEPEN □ FF □ OPERATOR CHANGE ✓ PI □ PRODUCTION START OR RESUME □ RI □ REPERFORATE CURRENT FORMATION □ SI □ TUBING REPAIR □ VH	all pertinent details incl bandonment of the	NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER:
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE Sr. Regulatory Analyst	
Teisha Black SIGNATURE N/A	435-454-4236	Sr. Regulatory Analyst DATE 3/5/2021	

NEU BUSINESS AREA

NEU FIELD CHRISTENSEN 2-29A4 CHRISTENSEN 2-29A4 P&A LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner (s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General

1.1 Customer Information

Company	NEU BUSINESS AREA
Representative	
Address	

1.2 Well Information

Well	CHRISTENSEN 2-29A4								
Project	NEU FIELD	U FIELD Site CHRISTENSEN 2-29A4							
Rig Name/No.	tig #4/ Event P&A LAND								
Start date	2/22/2021 End date 3/2/2021								
Spud Date/Time	6/4/1991 UWI 029-001-S 004-W 30								
Active datum	KB @6,573.0usft (above Mean Sea Level)								
Afe No./Description	20PNA0032/64538 / CHRISTENSEN 2-29A4								

2 Summary

2.1 Operation Summary

Date		īme rt-End	Duration (hr)	Phase	Activit y Code	Sub	OP Code	MD from (usft)	Operation
2/23/2021	6:00	7:00	1.00	WOR	28		Р	· · ·	CT TGSM & JSA (PRESSURE)
	7:00	14:30	7.50	MIRU	01		Ρ		MIRU, CASING SIP 1500 PSI, TBG SIP 600 PSI, OPEN CASING TO FB TANK, PUMP 100 BBLS HOT KCL DOWN TUBING, BREAK OUT TREE & PUMP T, MU SUB & TIW VALVE, STRIP BOP & HYDRILL OVER 6' SUB. (CASING FLOWING) RU WORK FLOOR & TBG EQ., RELEASE RIG CREW
	14:30	16:00	1.50	WOR	18		Р		HEAT AND TRANSFER ~400 BBLS OIL
	16:00	18:00	2.00	WOR	06		Р		FLUSH TUBING THEN CASING W/ 100 BBLS, TBG & CSG ON SLIGHT VACUUM SWI
2/24/2021	6:00	7:00	1.00	WOR	28		Р		CT TGSM & JSA (POOH W/ ESP)
	7:00	18:30	11.50	UN I NARTL T	24		Ρ		FLUSH TUBING AND CASING W/ 30 BBLS HOT KCL BY 7 A.M LAY DOWN HANGER W/ 1 JT, RU SHEAVES FOR CABLE ND CAP, POOH CUTTING 3 BANDS PER JT & L/D 349 TTL JTS TUBING & PUMP ASSEMBLY, SWI, RD SPOOLING EQ.,
2/25/2021	6:00	7:00	1.00	WOR	28		Р		CT TGSM & JSA (WIRE LINE OPERATIONS)
	7:00	12:00	5.00	WLWORK	27		Р		RIH W/ 6" GR TO 10,920', RIH W/ CIBP & SET @ 10,900' RDMOL W/ WIRE LINE
	12:00	18:00	6.00	WOR	39		Р		RIH W/ 2 JTS 2-7/8", PSN, 290 JTS 2-7/8", EOT @ 9400, SWI
2/26/2021	6:00	7:00	1.00	WOR	28		Р		CT TGSM & JSA (PU TBG)
	7:00	10:00	3.00	WOR	39		Ρ		RIH W/ 49 JTS 2-7/8" TAG @ 10,900'. L/D 1 JT CIRCULATE WELL CLEAN W/ PACKER FLUID, PRESSURE TEST CASING TO 800 PSI FOR 5 MINUTES, MIRU CEMENY EQ.,
	10:00	16:00	6.00	WOR	06		Ρ		MIX AND PUMP 21 SX, 1.15 YIELD, 15.8 PPG NEAT G, DISPLACE W/ 60 BBLS, LAY DOWN 20 JTS 2-7/8", STAND BACK 318 JTS 2-7/8"
	16:00	18:00	2.00	WLWORK	27		Р		RIH W/ 3-1/8" GUN, DRESSED W/ 4 SPF & 22.7 GM CHARGES, RIH & PERFORATE @ 10,367' UN ABLE TO INJECT @ 1000 PSI SWI
2/27/2021	6:00	7:00	1.00	WOR	39		Р		CT TGSM & JSA (RIH W/ TBG)
	7:00	9:00	2.00	WOR	39		Р		CSIP 0, OPEN WELL, MU & RIH W/ 6" BIT, BIT SUB, 2 JTS 2-7/8", 6' PUP JT, 94 JTS 2-7/8", STARTED TO DISPLACE OIL
	9:00	10:00	1.00	WOR	06		Р		RU HOU, CIRCULATE 100 BBLS HOT WTR.
	10:00	12:00	2.00	WOR	39		Р		CIH W/ 226 JTS 2-7/8" EOT @ 10,414'
	12:00	13:00	1.00	WOR	06		Р		RU CEMENT EQ., MIX AND PUMP 30 SX 15.8 PPG 1.15 YIELD NEAT G, DISPLACE W/ 59 BBLS,
	13:00	16:00	3.00	WOR	24		Р		LAY DOWN 126 JTS 2-7/8" EOT @ 6341'
	16:00	17:00	1.00	WLWORK	21		Р		RIH W/ 4 STRING GUNS AND PERFORATE @ 6300'

2.1 Operation Summary (Continued)

Date		Гіте art-End	Duration (hr)	Phase	Activit y Code	Sub	OP Code	MD from (usft)	Operation
	17:00	18:00	1.00	WOR	06		Р		CIRCULATE WELL FULL, ATTEMPT TO INJECT PRESSURE UP TO 1000 PSI LOST 150 PSI IN 2 MINUTES, RE PRESSURE UP SAME RESULTS, PUMP 35 SX ACROSS PERFS, POOH W/ 30 JTS, REVERSE CLEAN, POOH W/ 10 JTS SWIFWE
2/28/2021	6:00	6:00	24.00	WOR	18		Р		NO ACTIVITY SDFWE
3/1/2021	6:00	6:00	24.00	WOR	18		Р		NO ACTIVITY SDFWE
3/2/2021	6:00	7:00	1.00	WOR	28		Р		CT TGSM & JSA (LAYING DOWN TBG)
	7:00	12:00	5.00	WOR	18		Ρ		RIH & TAG PLUG 2B @ 6160', LAY DOWN 12 JTS (179 JTS IN PU 10' SUB) EOT @ 5812', MIX AND PUMP 31 SX 1.15 YIELD 15.8 PPG CEMENT, DISPLACE W/ 32.5 BBLS. L/D 46 JTS 2-7/8" EOT @ 4300'. MIX AND PUMP 41 SX 1.15 YIELD 15.8 PPG CEMENT, DISPLACE W/ 24 BBLS, LAY DOWN 131 JTS, PUP JT, 2 JTS & 6" BIT.
	12:00	13:30	1.50	RDMO	02		Р		RD WORK FLOOR & TBG EQ., N/D HYDRILL & BOP, RIG DOWN
	13:30	15:00	1.50	WOR	18		Ρ		CUT OFF WELL HEAD, RUN 1" HOSE TO 135', FILL CASING W/ FRESH WATER, MIX & PUMP 50 SX 1.15 YIELD 15.8 PPG , RIG CREW RACK OUT PUMP & RETURN LINES. MOL W/ RIG TO 3-11 B4. MONITOR CEMENT FOR ~30 MINUTES, WELD ON INFO PLATE LONG +040.36321 LAT -110.35868

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES VISION OF OIL, GAS, AND MINING	6	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: FEE			
Do not use this form for below current bottom-ho	NOTICES AND REPORTS ON proposals to drill new wells, significantly de ble depth, reenter plugged wells, or to drill PERMIT TO DRILL form for such proposals.	eepen existing wells	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: Christensen 2-29A4			
2. NAME OF OPERATOR: EP Energy E&P Company, LI)		9. API NUMBER: 43013313030000			
3. ADDRESS OF OPERATO PO Box 4660 , Houston, TX,		PHONE NUMBER:	9. FIELD and POOL or WILDCAT: ALTAMONT			
4. LOCATION OF WELL FOOTAGES AT SURFACE 1425 FSL 2131 FEL QTR/QTR, SECTION, TO			COUNTY: DUCHESNE STATE:			
11.	APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE.	REPORT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTIO	-			
EP Energy E&P Compa	□ CHANGE TO PREVIOUS PLANS □ C □ CHANGE WELL STATUS □ C □ DEEPEN □ F □ OPERATOR CHANGE ✓ P □ PRODUCTION START OR RESUME □ R □ REPERFORATE CURRENT FORMATION □ SI □ TUBING REPAIR □ V □ WATER SHUTOFF □ SI	bandonment of the Thank you.	NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER:			
NAME (PLEASE PRINT) Teisha Black	PHONE NUMBER 435-454-4236	TITLE Sr. Regulatory Analyst				
SIGNATURE N/A		DATE 3/22/2021				

NEU BUSINESS AREA

NEU FIELD CHRISTENSEN 2-29A4 CHRISTENSEN 2-29A4 P&A LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner (s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General

1.1 Customer Information

Company	NEU BUSINESS AREA
Representative	
Address	

1.2 Well Information

Well	CHRISTENSEN 2-29A4							
Project	NEU FIELD Site CHRISTENSEN 2-29A4							
Rig Name/No.	Rig #4/ P&A LAND							
Start date	2/22/2021 End date 3/2/2021							
Spud Date/Time	6/4/1991 UWI 029-001-S 004-W 30							
Active datum	KB @6,573.0usft (above Mean Sea Level)							
Afe No./Description	20PNA0032/64538 / CHRISTENSEN 2-29A4							

2 Summary

2.1 Operation Summary

Date		Time Irt-End	Duration (hr)	Phase	Activit y Code	Sub	OP Code	MD from (usft)	Operation
2/23/2021	6:00	7:00	1.00	WOR	28		Р		CT TGSM & JSA (PRESSURE)
	7:00	14:30	7.50	MIRU	01		Ρ		MIRU, CASING SIP 1500 PSI, TBG SIP 600 PSI, OPEN CASING TO FB TANK, PUMP 100 BBLS HOT KCL DOWN TUBING, BREAK OUT TREE & PUMP T, MU SUB & TIW VALVE, STRIP BOP & HYDRILL OVER 6' SUB. (CASING FLOWING) RU WORK FLOOR & TBG EQ., RELEASE RIG CREW
	14:30	16:00	1.50	WOR	18		Р		HEAT AND TRANSFER ~400 BBLS OIL
	16:00	18:00	2.00	WOR	06		Р		FLUSH TUBING THEN CASING W/ 100 BBLS, TBG & CSG ON SLIGHT VACUUM SWI
2/24/2021	6:00	7:00	1.00	WOR	28		Р		CT TGSM & JSA (POOH W/ ESP)
	7:00	18:30	11.50	UNINARTL T	24		Ρ		FLUSH TUBING AND CASING W/ 30 BBLS HOT KCL BY 7 A.M LAY DOWN HANGER W/ 1 JT, RU SHEAVES FOR CABLE ND CAP, POOH CUTTING 3 BANDS PER JT & L/D 349 TTL JTS TUBING & PUMP ASSEMBLY, SWI, RD SPOOLING EQ.,
2/25/2021	6:00	7:00	1.00	WOR	28		Р		CT TGSM & JSA (WIRE LINE OPERATIONS)
	7:00	12:00	5.00	WLWORK	27		Р		RIH W/ 6" GR TO 10,920', RIH W/ CIBP & SET @ 10,900' RDMOL W/ WIRE LINE
	12:00	18:00	6.00	WOR	39		Р		RIH W/ 2 JTS 2-7/8", PSN, 290 JTS 2-7/8", EOT @ 9400, SWI
2/26/2021	6:00	7:00	1.00	WOR	28		Р		CT TGSM & JSA (PU TBG)
	7:00	10:00	3.00	WOR	39		Ρ		RIH W/ 49 JTS 2-7/8" TAG @ 10,900'. L/D 1 JT CIRCULATE WELL CLEAN W/ PACKER FLUID, PRESSURE TEST CASING TO 800 PSI FOR 5 MINUTES, MIRU CEMENY EQ.,
	10:00	16:00	6.00	WOR	06		Р		MIX AND PUMP 21 SX, 1.15 YIELD, 15.8 PPG NEAT G, DISPLACE W/ 60 BBLS, LAY DOWN 20 JTS 2-7/8", STAND BACK 318 JTS 2-7/8"
	16:00	18:00	2.00	WLWORK	27		Р		RIH W/ 3-1/8" GUN, DRESSED W/ 4 SPF & 22.7 GM CHARGES, RIH & PERFORATE @ 10,367' UN ABLE TO INJECT @ 1000 PSI SWI
2/27/2021	6:00	7:00	1.00	WOR	39		Р		CT TGSM & JSA (RIH W/ TBG)
	7:00	9:00	2.00	WOR	39		Р		CSIP 0, OPEN WELL, MU & RIH W/ 6" BIT, BIT SUB, 2 JTS 2-7/8", 6' PUP JT, 94 JTS 2-7/8", STARTED TO DISPLACE OIL
	9:00	10:00	1.00	WOR	06		Р		RU HOU, CIRCULATE 100 BBLS HOT WTR.
	10:00	12:00	2.00	WOR	39		Р		CIH W/ 226 JTS 2-7/8" EOT @ 10,414'
	12:00	13:00	1.00	WOR	06		Р		RU CEMENT EQ., MIX AND PUMP 30 SX 15.8 PPG 1.15 YIELD NEAT G, DISPLACE W/ 59 BBLS,
	13:00	16:00	3.00	WOR	24		Р		LAY DOWN 126 JTS 2-7/8" EOT @ 6341'
	16:00	17:00	1.00	WLWORK	21		Р		RIH W/ 4 STRING GUNS AND PERFORATE @ 6300'

2.1 Operation Summary (Continued)

Date		Гіте ırt-End	Duration (hr)	Phase	Activit y Code	Sub	OP Code	MD from (usft)	Operation
	17:00	18:00	1.00	WOR	06		Р		CIRCULATE WELL FULL, ATTEMPT TO INJECT PRESSURE UP TO 1000 PSI LOST 150 PSI IN 2 MINUTES, RE PRESSURE UP SAME RESULTS, PUMP 35 SX ACROSS PERFS, POOH W/ 30 JTS, REVERSE CLEAN, POOH W/ 10 JTS SWIFWE
2/28/2021	6:00	6:00	24.00	WOR	18		Р		NO ACTIVITY SDFWE
3/1/2021	6:00	6:00	24.00	WOR	18		Р		NO ACTIVITY SDFWE
3/2/2021	6:00	7:00	1.00	WOR	28		Р		CT TGSM & JSA (LAYING DOWN TBG)
	7:00	12:00	5.00	WOR	18		Ρ		RIH & TAG PLUG 2B @ 6160', LAY DOWN 12 JTS (179 JTS IN PU 10' SUB) EOT @ 5812', MIX AND PUMP 31 SX 1.15 YIELD 15.8 PPG CEMENT, DISPLACE W/ 32.5 BBLS. L/D 46 JTS 2-7/8" EOT @ 4300'. MIX AND PUMP 41 SX 1.15 YIELD 15.8 PPG CEMENT, DISPLACE W/ 24 BBLS, LAY DOWN 131 JTS, PUP JT, 2 JTS & 6" BIT.
	12:00	13:30	1.50	RDMO	02		Р		RD WORK FLOOR & TBG EQ., N/D HYDRILL & BOP, RIG DOWN
	13:30	15:00	1.50	WOR	18		Ρ		CUT OFF WELL HEAD, RUN 1" HOSE TO 135', FILL CASING W/ FRESH WATER, MIX & PUMP 50 SX 1.15 YIELD 15.8 PPG , RIG CREW RACK OUT PUMP & RETURN LINES. MOL W/ RIG TO 3-11 B4. MONITOR CEMENT FOR ~30 MINUTES, WELD ON INFO PLATE
									LONG +040.36321 LAT -110.35868

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER:		
DI	VISION OF OIL, GAS, AND MINING	ì	FEE		
SUNDRY	NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
below current bottom-ho	proposals to drill new wells, significantly de ole depth, reenter plugged wells, or to drill l ERMIT TO DRILL form for such proposals.	eepen existing wells norizontal laterals.	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: Christensen 2-29A4		
2. NAME OF OPERATOR: EP Energy E&P Company, LH)		9. API NUMBER: 43013313030000		
3. ADDRESS OF OPERATO PO Box 4660 , Houston, TX, 7		PHONE NUMBER:	9. FIELD and POOL or WILDCAT: ALTAMONT		
	: WNSHIP, RANGE, MERIDIAN: Township: 1S Range: 4W Meridian: U		COUNTY: DUCHESNE STATE:		
	Township. 15 Kange. 4w Meridian. O		UTAH		
11. CHECK	APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE,	REPORT, OR OTHER DATA		
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NAME (PLEASE PRINT) Teisha Black	PHONE NUMBER 435-454-4236	TITLE Sr. Regulatory Analyst			
SIGNATURE N/A		DATE 9/2/2021			

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