



Reception#: 791907
09/24/2010 09:48:42 AM Jean Alberico
1 of 4 Rec Fee:\$0.00 Doc Fee:0.00 GARFIELD COUNTY CO

ADMINISTRATIVE PERMIT MTEH 6483

for

*One Minor Temporary Employee Housing
Facility located on property owned and operated
by Encana Oil and Gas USA, Inc. on a natural
gas well pad described as Kimbal Mtn. Unit B07-
799 with APD # 400082227*

Parcel Number: 2415-041-00-001

In accordance with and pursuant to the Garfield County Unified Land Use Resolution of 2008, as amended, of the Board of County Commissioners of Garfield County, State of Colorado, the Director of the Building and Planning Department hereby authorizes, by Administrative Permit, the following activity:

*The installation of one Minor Temporary Employee Housing
Facility located in Section 8, Township 7 South, Range 99 West.*

The Administrative Permit is issued subject to the conditions set forth in Exhibit A (attached hereto), and shall be valid only during compliance with such conditions and other applicable provisions of the Garfield County Zoning Resolution, Subdivision Regulations, Building Code, and other regulations of the Board of County Commissioners of Garfield County, Colorado.

BUILDING AND PLANNING DEPARTMENT,
GARFIELD COUNTY, COLORADO

Director

Date

9/23/10



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2 of 4 Rec Fee:\$0.00 Doc Fee:0.00 GARFIELD COUNTY CO

- (3) Maintain all sewage disposal records including but not limited to trip logs/reports and landfill receipts as public records, available to the County and/or any other interested third party upon request.
- (4) If the total waste production from a facility will be 2000 gallons per day or greater based on a production of 75 gallons of wastewater generation per person per day, then the facility shall be serviced by an ISDS. Hauled sewage and wastewater service shall not be permitted for any facility which will generate a total of 2000 gallons of wastewater and sewage per day.
- (b) Individual Sewage Disposal System (ISDS): If an ISDS is proposed or has been approved, then it shall be designed, installed and operated to accommodate the maximum number of persons who will inhabit the Minor Facility and shall otherwise be operated in accordance with the Garfield County ISDS regulations as contained in BOCC Resolution Number 1994H-136.

- 11) Inhabitants of the Minor Facility shall be Applicant's employees and/or subcontractors, working on the related commercial, industrial or mineral extraction operation, and not dependents of employees, guests or other family members.
- 12) Within 10 days following the expiration or other termination of the Minor Permit or represented date of removal identified within the Minor Permit, all housing structures, foundations and associated infrastructure shall be completely removed. The Operator shall provide the Department with photos, dated and signed by the Operator's Compliance Officer, indicating that all housing structures, foundations and associated infrastructure has been removed within the specified timeframe.
- 13) No domestic animals are allowed at a Minor Facility.
- 14) A water storage tank shall be required to provide water to the sprinkler system and initial suppression activities. The size of the water tank shall be determined based on sprinkler calculations and initial suppression demands. The size of the water storage tank shall be determined by the relevant fire protection district. If the Minor Facility is located outside the boundaries of a fire protection district, then Each Minor Facility shall have at least one (1) water storage tank with a minimum of 2500 gallons of stored water for initial fire suppression, operation of sprinkler systems (if applicable) and wild land fire protection.
- 15) All emergency situations requiring action by any government agency or fire protection district shall be documented in writing and presented to the Planning Department and Garfield County Sheriff's Office within 24 hours of the occurrence.
- 16) All required Access Permits shall be obtained from the Garfield County Road and Bridge Department or the Colorado Department of Transportation.
- 17) The Garfield County Sheriff's Office and relevant fire protection district(s) must be notified at least 24 hours prior to installation and removal of each Minor Facility. The Department shall be copied on all such notification, whether hard copy or electronic.
- 18) The Operator shall maintain records identifying workers, whether employees or sub-contractors, and documenting the dates that each worker is housed at the Minor Facility. Such records shall be provided to the County or any additional third party upon request.
- 19) Wastewater Disposal:
 - (a) Vault System: All vault systems shall be designed and installed to accommodate the maximum number of persons, identified within the Minor Permit application, who will inhabit the Minor Facility. In addition, all vault systems shall be equipped with an overflow alarm device. Vault systems shall be designed to accommodate a minimum of 75 gallons of wastewater per person per day. If a vault system is proposed or has been approved, the Applicant/Operator must:
 - (1) Demonstrate that year-round vehicular access is available and maintained for safe and regular access for sewage hauling vehicles.
 - (2) Provide a copy of the contract for hauling sewage.



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Exhibit A

- 1) Minor Facilities must comply with all applicable federal, state and local laws and regulations.
- 2) Operator must keep and maintain appropriate records, to be provided to the County or any interested third party upon request, to demonstrate that potable water supplied and sewage and wastewater meet the representations contained within the application, as required.
- 3) In no case shall unsafe water be used for drinking nor shall raw sewage or contaminated water be discharged on the ground surface. The operator shall conduct monthly tests (or quarterly if an on-site disinfection system is installed) and maintain records of stored potable water samples specific for coli form bacteria. Any tests indicating coli form contamination must be disclosed to the Garfield County Board of Health or designee within 72 hours from the time the contaminated water was tested.
- 4) Minor Facilities shall be maintained in a clean, safe and sanitary condition, free of weeds and refuse. Any hazardous or noxious materials that must be stored at the Minor Facility for operational or security reasons must be managed in accordance with all applicable federal, state and local laws and regulations.
- 5) At least one thirty (30) gallon (4 cubic feet) wildlife proof refuse container shall be provided for each factory built nonresidential structure or recreational vehicle unit. Said container(s) must be durable, washable, non-absorbent metal or plastic with tight fitting lids.
- 6) Refuse shall be disposed of weekly, at a minimum. Operators must keep appropriate records, to be provided to the County or any interested third party upon request, to demonstrate that refuse is collected in a timely fashion and disposed of at a licensed facility.
- 7) Outdoor food storage is prohibited unless facilities that prevent the attraction of animals to the Minor Facility are provided.
- 8) Factory built nonresidential structures or recreational vehicle units equipped by the manufacturer with a fire sprinkler system, fire detection system, and/or alarm system shall be inspected, tested, and maintained in accordance with 2003 IFC §901.4 and §901.6 and as required by the relevant fire protection district(s). Smoke alarms and manual fire alarm systems shall be installed, inspected and maintained in all other factory built nonresidential structures or recreational vehicle units in accordance with 2003 International Fire Code (IFC) §907.2.9 and §907.2.10 and the requirements of the relevant fire protection districts.
- 9) Single-station carbon monoxide alarms shall be placed in each factory built nonresidential structure or recreational vehicle unit.
- 10) One (1) or more approved fire extinguisher(s) of a type suitable for flammable liquids, combustible materials and electrical fires (Class ABC), or dry chemical, shall be located in each factory built nonresidential structure or recreational vehicle unit and placed in accordance with applicable codes.

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
 SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐

Refilling ☐Sidetrack ☐

Document Number:

400082227

Plugging Bond Surety

20100017

3. Name of Operator: ENCANA OIL & GAS (USA) INC4. COGCC Operator Number: 1001855. Address: 370 17TH ST STE 1700City: DENVER State: CO Zip: 80202-56326. Contact Name: Julia Carter Phone: (720)876.5240 Fax: (720)876.6240Email: Julia.Carter@encana.com7. Well Name: Kimball Mtn Well Number: DH01-6 B07 799

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 13264

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 7 Twp: 7S Rng: 99W Meridian: 6Latitude: 39.467811 Longitude: -108.481997

Footage at Surface: 98 FNL/FSL 1868 FEL/FWL FEL

11. Field Name: Gasaway Field Number: 2956012. Ground Elevation: 6649 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 03/02/2010 PDOP Reading: 1.9 Instrument Operator's Name: Robert Kay15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____

12 FNL 195 FEL 1 FNL 195 FEL
 Sec: 7 Twp: 7S Rng: 99W Sec: 6 Twp: 7S Rng: 99W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 1368 ft18. Distance to nearest property line: 1222 ft 19. Distance to nearest well permitted/completed in the same formation: 1400 ft

20.

LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Mancos	MNCS			

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#: _____

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☒ Yes ☐ No

23b. If 23 is No ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bon ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):
Please see attached maps

25. Distance to Nearest Mineral Lease Line: 4881 ft 26. Total Acres in Lease: 10278

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Recycle & Bury

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	30	20	Line Pipe	120	319	120	0
SURF	13+1/2	10+3/4	40.5	1,800	513	1,800	0
1ST	9+7/8	7+5/8	29.7	6,771	431	6,771	2,756
2ND	6+1/2	4+1/2	13.5	13,264	507	13,264	6,571

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☐ Rotating Head ☐ None

33. Comments Please note that Intermediate casing is listed as 'first string' and Production casing is listed as 'second string'. The distance on #17 is calculated from Kimball Creek Rd.

34. Location ID: 383216

35. Is this application in a Comprehensive Drilling Plan? ☐ Yes ☒ No

36. Is this application part of submitted Oil and Gas Location Assessment? ☒ Yes ☐ No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Julia M. Carter

Title: Regulatory Analyst Date: 8/5/2010 Email: Julia.Carter@encana.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: David E. Nesline Director of COGCC Date: 9/20/2010

API NUMBER 05 045 19929 00

Permit Number: _____ Expiration Date: 9/19/2012

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

- 1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.
- 2) GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE
- 3) INTERMEDIATE CASING CEMENT TOP VERIFICATION BY CBL REQUIRED.
- 4) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 000 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
400082227	FORM 2 SUBMITTED	LF@2519519 400082227
400082661	PLAT	LF@2519520 400082661
400082662	DEVIATED DRILLING PLAN	LF@2519521 400082662
400082663	TOPO MAP	LF@2519522 400082663
400082664	LEASE MAP	LF@2519523 400082664
400082665	OTHER	LF@2519524 400082665

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Permit	Received clarification on survey plat and verified data. Ready to process BY 9/17/10	9/17/2010 9:32:42 AM
Permit	WO on information from operator. Discrepancies between surveyor's lat/long numbers and their spotting on plat for the APD'. There appears to be intermittent stream within 120' (east) of the locations.	9/10/2010 12:34:00 PM

Total: 2 comment(s)

Error: Subreport could not be shown.

Fred Jarman

From: Busch, Renata [Renata.Busch@encana.com]
Sent: Thursday, September 09, 2010 7:56 AM
To: Fred Jarman
Subject: RE: Fred*Kimbal Mtn. TEH/APD & Possible Renewal

My regulatory contact in Denver states that the APD has been submitted; approval is anticipated mid-October 2010. Maybe getting ahead of myself, but after approval, I was curious about a yearly renewal. As drilling schedules could dictate housing later on down the road. Let me know on that.

Thanks again! I appreciate your patience with me in this process.

~Renata Busch
Permitting / South Rockies Construction
EnCana Oil & Gas (USA) Inc.
2717 County Road 215, Suite 100
Parachute, CO 81635
tel: (970) 285-2825
cell: (970) 319-8890
renata.busch@encana.com

Reminder: EnCana offices are closed 1st & 3rd Friday's of every month

From: Fred Jarman [mailto:fjarman@garfield-county.com]
Sent: Thursday, September 09, 2010 7:41 AM
To: Busch, Renata
Subject: RE: Fred*Mailings/Kimbal Mtn. TEH

Thanks Renata. Any word on the approval of the well pad from COGCC?

From: Busch, Renata [mailto:Renata.Busch@encana.com]
Sent: Thursday, September 09, 2010 7:00 AM
To: Fred Jarman
Subject: Fred*Mailings/Kimbal Mtn. TEH

Hi Fred - The mailing notices when out as requested on 8/31/10. Here are copies. I've received 1 of the 3 return receipts. Thank you!

~Renata Busch
Permitting / South Rockies Construction
EnCana Oil & Gas (USA) Inc.
2717 County Road 215, Suite 100
Parachute, CO 81635
tel: (970) 285-2825
cell: (970) 319-8890
renata.busch@encana.com

Reminder: EnCana offices are closed 1st & 3rd Friday's of every month

From: Fred Jarman [mailto:fjarman@garfield-county.com]
Sent: Monday, August 30, 2010 9:57 AM
To: Busch, Renata
Subject: Kimbal Mtn. TEH

Hi Renata:

Here's the Director's decision. It is dated 8/31 so you will need to be sure to get the mailings out no later than tomorrow. Thanks,
Fred

Fred Jarman, AICP
Director, Building & Planning Department
Garfield County
108 8th Street, Suite 401
Glenwood Springs, CO 81601
970.945.8212 (Office)
970.987.1811 (Cell)
fredjarman@garfield-county.com

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<http://www.encana.com>

Fred Jarman

From: Busch, Renata [Renata.Busch@encana.com]
Sent: Thursday, September 09, 2010 7:00 AM
To: Fred Jarman
Subject: Fred*Mailings/Kimbal Mtn. TEH
Attachments: 08-31-10 Proof of Certified Mailing.pdf; Return Receipt (B07-799 MTEH).pdf

Hi Fred - The mailing notices went out as requested on 8/31/10. Here are copies. I've received 1 of the 3 return receipts. Thank you!

~Renata Busch
Permitting / South Rockies Construction
EnCana Oil & Gas (USA) Inc.
2717 County Road 215, Suite 100
Parachute, CO 81635
tel: (970) 285-2825
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Subject: Kimbal Mtn. TEH

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Fred

Fred Jarman, AICP
Director, Building & Planning Department
Garfield County
108 8th Street, Suite 401
Glenwood Springs, CO 81601
970.945.8212 (Office)
970.987.1811 (Cell)
fredjarman@garfield-county.com

This email communication and any files transmitted with it may contain confidential and or proprietary information and is provided for the use of the intended recipient only. Any review, retransmission or dissemination of this information by anyone other than the intended recipient is prohibited. If you receive this email in error, please contact the sender and delete this communication and any copies immediately. Thank you.

<http://www.encana.com>

Adjacent Property Owners within 200 feet of Subject Lot:

Bureau of Land Management (BLM)
Colorado River Valley Field Office
2300 River Frontage Road
Silt, CO 81652

#13 Enterprises, LLC
1218 Webster Street
Houston, TX 77002

#14 Enterprises, LLC
1218 Webster Street
Houston, TX 77002

*Sent
certified
return receipt
08-31-10*

7003 3110 0001 3523 5721

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
SILT CO 81652		
Postage	\$ 1.22	0583
Certified Fee	\$2.80	03
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$6.32	
		08/31/2010
Sent To BLM - CO RIVER VALLEY FIELD OFFICE		
Street, Apt. No., or PO Box No. 2300 RIVER FRONTAGE RD		
City, State, ZIP+4 Silt CO 81652		
PS Form 3800, J		

7003 3110 0001 3523 5721

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
HOUSTON TX 77002		
Postage	\$ 1.22	0583
Certified Fee	\$2.80	03
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$6.32	
		08/31/2010
Sent To #13 ENTERPRISE LLC		
Street, Apt. No., or PO Box No. #14 ENTERPRISE LLC		
City, State, ZIP+4 1218 WEBSTER ST		
HOUSTON TX 77002		
PS Form 3800, J		

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none">■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.		<p>A. Signature <input checked="" type="checkbox"/> <i>Kent Lyles</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>	
<p>1. Article Addressed to:</p> <p>BLM - CO RIVER VALLEY FIELD OFFICE 2300 RIVER FRONTAGE RD SILT CO 81652</p>		<p>B. Received by (Printed Name) <i>KENT LYLES</i> C. Date of Delivery <i>9/01/10</i></p>	
		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
		<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>	
<p>2. Article Number (Transfer from service label)</p>		<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	
		<p>7003 3110 0001 3523 5721</p>	

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540



August 31, 2010

Renata Busch
Encana Oil & Gas (USA) Inc.
Permitting / South Rockies Construction
2717 County Road 215, Suite 100
Parachute, CO 81635

RE: MTEH 6483 – Minor Temporary Employee Housing – Kimbal Mtn. B07-799

Dear Renata,

Thank you for the additional information received by this office on August 23, 2010 which resulted in rendering this application for a Minor Temporary Employee Housing Facility operated by Encana Oil and Gas (USA) Inc. in the Resource Lands – Gentle Slopes Lower Valley Floor / Talus Slopes Zone District to be technically complete.

We understand the Administrative Permit requested is for a property owned by Encana Oil and Gas (USA) Inc. and is to be located on an approved COGCC well pad known as the **Kimbal Mtn. Unit B07-799** facility. The subject parcel is described by tax ID 2415-041-00-001 which is about 20.7 miles northwest of Debeque in Section 8, Township 7 South and range 99 West,

More specifically, the Applicant requests approval for one Minor Temporary Employee Housing facility to house 9 to 24 personnel for the purpose of natural gas drilling operations. The Applicant has represented that the facility will be on-site for less than one year, will have water hauled to the site and a vault-and-haul scenario for handling sewage and wastewater.

This site is remote and must be contained on an approved COGCC well pad along with other drilling facilities. The Minor Temporary Employee Housing facility will be in use year round to accommodate those considered to be "essential personnel" to the drilling operations.

The installed facility is required to meet all applicable building and fire code requirements.

SITE PLAN

Encana OIL & GAS (USA) INC.

REVISED SITE PLAN w/ PROPOSED FACILITIES

KIMBALL MTN. B07 799

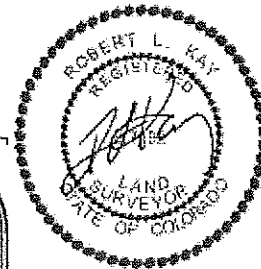
SECTION 7, T7S, R99W, 6th P.M.

NW 1/4 NE 1/4

SCALE: 1" = 60'
DATE: 08-23-10
DRAWN BY: D.R.B.
Revised: 08-24-10 D.R.B.

SCALE

Sheet 5a of 11



NOTE:
Flare Pit is to
be located a min.
of 100' from the
Well Head.

Total Pit Capacity
W/2' of Freeboard
= 27,600 Bbls. ±
Total Pit Volume
= 6,770 Cu. Yds.

LEGEND:

ST - Septic Tank
G - Generator
WT - Water Tank

LEGEND:

1 - OVERFLOW
2 - SEWER TANK
3 - LIFT STATION
4 - SEWER LINE
5 - WATER TANK
6 - FREEZER
7 - STORAGE
8 - GENERATOR
9 - FUEL
10 - TRANSFORMER
11 - FIRE SUPPRESSION
WATER TANK

NOTE:

Installation & Removal of Water
Tank, Containers, Sewage Storage
(Date: 10-01-10 thru 11-15-10
Approx. 45 days)

LEGEND:

SCE - STABILIZED
CONSTRUCTION
ENTRANCE

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

"Major Facility", are subject to the special use review process and standards and requirements contained in Article 7- 808(D) (1-3) and the enforcement provisions of Article 12.

b. The Minor Facility shall adhere to the following Minor Permit standards:

- 1) Minor Facilities must comply with all applicable federal, state and local laws and regulations.
- 2) Operator must keep and maintain appropriate records, to be provided to the County or any interested third party upon request, to demonstrate that potable water supplied and sewage and wastewater meet the representations contained within the application, as required.
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19) Wastewater Disposal:

(a) Vault System: All vault systems shall be designed and installed to accommodate the maximum number of persons, identified within the Minor Permit application, who will inhabit the Minor Facility. In addition, all vault systems shall be equipped with an overflow alarm device. Vault systems shall be designed to accommodate a minimum of 75 gallons of wastewater per person per day. If a vault system is proposed or has been approved, the Applicant/Operator must:

(1) Demonstrate that year-round vehicular access is available and maintained for safe and regular access for sewage hauling vehicles.

(2) Provide a copy of the contract for hauling sewage.

(3) Maintain all sewage disposal records including but not limited to trip logs/reports and landfill receipts as public records, available to the County and/or any other interested third party upon request.

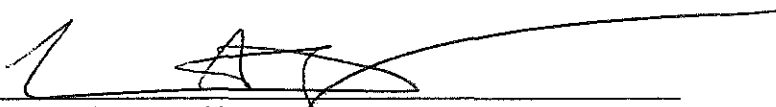
(4) If the total waste production from a facility will be 2000 gallons per day or greater based on a production of 75 gallons of wastewater generation per person per day, then the facility shall be serviced by an ISDS. Hauled sewage and wastewater service shall not be permitted for any facility which will generate a total of 2000 gallons of wastewater and sewage per day.

(b) Individual Sewage Disposal System (ISDS): If an ISDS is proposed or has been approved, then it shall be designed, installed and operated to accommodate the maximum number of persons who will inhabit the Minor Facility and shall otherwise be operated in accordance with the Garfield County ISDS regulations as contained in BOCC Resolution Number 1994H-136.

20) This facility shall not be located on this site until the Applicant provides Garfield County Building and Planning Department with a copy of the approved well pad permit from COGCC.

Should you have additional questions, do not hesitate to contact this office.

Very truly yours,


Fred A. Jarman, AICP
Director, Building and Planning Department



July 9, 2010

Ms. Renata Busch, Permit Coordinator
Encana Oil and Gas (USA) Inc.
2717 County Road 215, Suite 100
Parachute, CO 81635

RE: MTEH 6483 – Minor Temporary Employee Housing – Encana

Dear Ms. Busch:

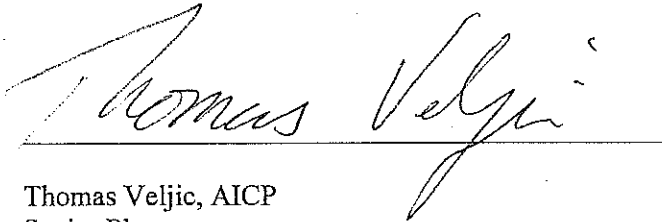
This office is in receipt of your Application (received June 28, 2010) for a Minor Temporary Employee Housing Facility operated by Encana Oil and Gas (USA) Inc., in the Resource Lands - Plateau Zone District. The Administrative Permit requested is for a property owned by Encana Oil and Gas (USA) Inc., and is to be located on a well pad described as (Missing APD number) the Kimball Mtn. Unit B07 799. The subject parcel is described by tax ID 2415-041-00-001.

The application this office received has been deemed **Technically Incomplete**. The following Application Submittal Requirements were not provided in the application.

1. The Application is missing the APD number which is required on the application.
2. You have checked off a number of items on the application which not in the application packet or inadequate:
 - A. The trailer tags for 12 units are illegible and the notation above lists a different drill pad site.
 - B. You state that a 3,000 gallon potable water tank will be installed and the average daily consumption is 1,500 gallons yet an additional statement was made that the tank would be refilled every 3-5 days. Please make corrections.
 - C. Your discussion on sewage disposal does not state the size of tank(s) to be installed or the frequency of collection by your waste hauler.
 - D. Please provide a copy of the approved access permit from Garfield County Road and Bridge.
 - E. Please provide a legible site plan showing the location of facilities on site. The one that was included is too small and the location of all required facilities have not been labeled including:
 1. The location of the water tank used for fire suppression on the site plan.
 2. Location of refuse containers
 3. Parking areas
 4. Location of potable water tank(s)
 5. Location of sewage storage tank(s)
 6. Dates of installation and removal for this Minor Temporary Housing facility (required).

This office will not continue to process this application until the aforementioned deficiencies have been addressed. Should you have additional questions, do not hesitate to contact this office.

Sincerely,

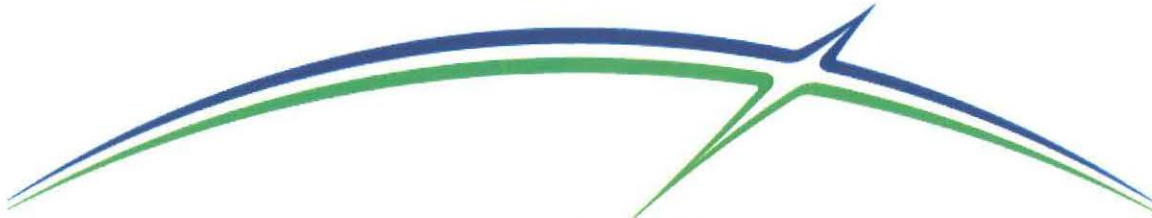
A handwritten signature in cursive script, reading "Thomas Veljic", written over a horizontal line.

Thomas Veljic, AICP
Senior Planner
970-970-8212

cc: File

NOTE: The Unified Land Use Resolution of 2008 (ULUR) requires the Director to make a Determination of Completeness for Land Use Change Applications within thirty (30) working days of receipt of the application materials (10 working days for Administrative Review Permits/14 days for Minor Temporary Employee Housing Application). If an application is not complete, the Director shall inform the applicant of the deficiencies in writing and shall take no further action on the application until the deficiencies are remedied. ***If the applicant fails to correct the deficiencies within sixty (60) calendar days, the application shall be considered withdrawn.***

ENCANA™



COUNTY ORIGINAL

**Kimball Mtn. Unit
B07 799**

**Minor Temporary Employee
Housing Administrative Permit**

Response Submittal to NTC

Permit Coordinator: Renata Busch
(970) 285-2825

August 23, 2010



EnCana Oil & Gas (USA) Inc.

EnCana Oil & Gas (USA) Inc.
2717 County Road 215
Suite 100
Parachute, CO 81635

tel: (970) 285-2825
fax: (970) 285-2691
renata.busch@encana.com
www.encana.com

August 23, 2010

Thomas Veljic
Garfield County Building & Planning Department
108 Eight Street, Suite 401
Glenwood Springs, CO 81601

RECEIVED

AUG 23 2010

GARFIELD COUNTY
BUILDING & PLANNING

RE: Application for Minor Temporary Employee Housing
For Pad Site B07-799 (Kimball Mtn. Unit)

Dear Tom or Fred (in your absence):

This letter is in response to your July 9, 2010 Technically Incomplete Letter. I have provided responses and attachments which address each of your concerns. I look forward to continuance of the process and an approval of this application.

1. The application is missing the APD number which is required on the application.

The APD is in the approval process with the COGCC. We discussed on 07-14-10 and we agreed that upon approval, the APD number would be provided to the County.

2. You have checked off a number of items on the application which are not in the application packet or inadequate:
 - A. The trailer tags for 12 units are illegible and the notation above lists a different drill pad site.

As stated in the requirements portion of the Minor Temporary Housing Administrative Permit, "...a legible photo of the state or federal "certifying stamp" for each housing unit proposed for use..." Attached are legible photo copies of F25 496 housing units, previously approved Minor Temporary Employee Housing facilities with "certifying stamp". We do not know which of our previously approved housing units will be utilized until closer to our scheduled rig move. As required of approved sites, once facilities are set, an actual site survey is conducted and actual "certifying stamps" of the units are provided.

- B. You state that a 3,000 gallon potable water tank will be installed and the average daily consumption is 1,500 gallons yet an additional statement was made that the tank would be refilled every 3-5 days. Please make corrections.

Our potable water contractor confirmed there is a 3,500 gallon potable water tank, with an average daily consumption of 1,200 gallons a day. Tanks are refilled every 2 to 3 days.

Coming in September

- C. Your discussion on sewage disposal does not state the size of tank(s) to be installed or the frequency of collection by your waste hauler.

Our sewage disposal contractor confirmed the tank sizes to be a 210 bbl and an 8bbl overflow tank with collection every other day.

- D. Please provide a copy of the approved access permit from Garfield County Road and Bridge.

Access to pad site is off of an existing, private road. No new access is needed from County Road 202.

- E. Please provide a legible site plan showing the location of facilities on site. The one that was included is too small and the location of all required facilities have not been labeled including:

- a) The location of the water tank used for fire suppression on the site plan.
- b) Location of refuse containers ✓
- c) Parking areas ✓
- d) Location of potable water tank(s) ✓
- e) Location of sewage storage tank(s) ✓
- f) Dates of installation and removal for this Minor Temporary Housing facility (required).

Attached is a revised site plan with the location of facilities labeled and estimated dates of installation and removal provided.

Thank you for your time and efforts in this matter.

Sincerely,



Renata Busch
Permitting / South Rockies Construction

Encl: County NTC Letter, dated July 9, 2010
Proposed Housing Unit Photos w/Certifying Stamp
Revised Site Plan



July 9, 2010

Ms. Renata Busch, Permit Coordinator
Encana Oil and Gas (USA) Inc.
2717 County Road 215, Suite 100
Parachute, CO 81635

RE: MTEH 6483 -- Minor Temporary Employee Housing -- Encana

Dear Ms. Busch:

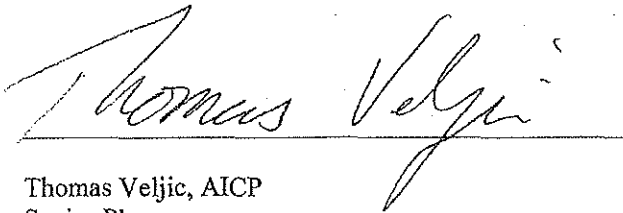
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The application this office received has been deemed **Technically Incomplete**. The following Application Submittal Requirements were not provided in the application.

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 - E. Please provide a legible site plan showing the location of facilities on site. The one that was included is too small and the location of all required facilities have not been labeled including:
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 2. Location of refuse containers
 3. Parking areas
 4. Location of potable water tank(s)
 5. Location of sewage storage tank(s)
 6. Dates of installation and removal for this Minor Temporary Housing facility (required).

This office will not continue to process this application until the aforementioned deficiencies have been addressed. Should you have additional questions, do not hesitate to contact this office.

Sincerely,

A handwritten signature in cursive script, reading "Thomas Veljic", written over a horizontal line.

Thomas Veljic, AICP
Senior Planner
970-970-8212

cc: File

NOTE: The Unified Land Use Resolution of 2008 (ULUR) requires the Director to make a Determination of Completeness for Land Use Change Applications within thirty (30) working days of receipt of the application materials (10 working days for Administrative Review Permits/14 days for Minor Temporary Employee Housing Application). If an application is not complete, the Director shall inform the applicant of the deficiencies in writing and shall take no further action on the application until the deficiencies are remedied. ***If the applicant fails to correct the deficiencies within sixty (60) calendar days, the application shall be considered withdrawn.*** *

496 (Housing Units PROPOSED for use)
 Photo-copy of housing units, previously approved for F25 496 Pad site with "certifying stamp".
 We do not not know which of our previously approved housing units will be utilized at which rig
 until closer to our scheduled rig move. A Site Survey would then be conducted once facilities are
 set; which, at that time would include the appropriate tag information and would be provided with
 agency notification.

EnCana OIL & GAS (USA) INC.
→ F25 496 MANCAMP
LOCATED IN GARFIELD COUNTY, COLORADO
SECTION 25, T4S, R96W, 6th P.M.

STATE OF COLORADO
DIVISION OF HOUSING

THIS NONRESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT
 NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

NAME: **ADVANCED MANCAMP**
 UNIT ID: **17513**
 CERTIFICATION NO. FBMR: **17513**

MANUFACTURER CERTIFIES THE FOLLOWING:

PSF	MECHANICAL
MPH	ELECTRICAL
PSF	PLUMBING
HR	
HR	

PHOTO: TAG FOR BOTTOM WESTERLY MAN CAMP TRAILER

THIS INSIGNIA IS THE PROPERTY OF THE
STATE OF COLORADO
DIVISION OF HOUSING

THIS NONRESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT
 NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

MANUFACTURER'S NAME: **ADVANCED MANCAMP**
 UNIT ID: **17576**
 CERTIFICATION NO. FBMR: **17576**

MANUFACTURER CERTIFIES THE FOLLOWING:

PSF	MECHANICAL
MPH	ELECTRICAL
PSF	PLUMBING
HR	
HR	

PHOTO: TAG FOR BOTTOM EASTERLY MAN CAMP TRAILER



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	04 MONTH	30 DAY	10 YEAR	PHOTO P1
TAKEN BY: D.K.	DRAWN BY: J.H.		REVISED: 00-00-00	

EnCana OIL & GAS (USA) INC.
F25 496 MANCAMP
LOCATED IN GARFIELD COUNTY, COLORADO
SECTION 25, T4S, R96W, 6th P.M.

THIS INSIGNIA IS THE PROPERTY OF THE
STATE OF COLORADO
 DIVISION OF HOUSING

THIS NONRESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT
 NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

MANUFACTURER'S NAME: _____ UNIT ID# _____
 PLAN APPROVAL NO. _____ CERTIFICATION NO. FBHR **17575**

DATE BUILT _____

MANUFACTURER CERTIFIES THE FOLLOWING:

ROOF DESIGN LOAD	_____	PSF	_____	MECHANICAL
WIND SPEED	_____	MPH	_____	ELECTRICAL
FLOOR DESIGN LOAD	_____	PSF	_____	PLUMBING
FIRE RATING EXTERIOR WALLS	_____	HR	_____	BUILDING
FIRE RATING FLOOR	_____	HR	_____	
FIRE RATING CEILING	_____	HR	_____	

PHOTO: TAG FOR TOPWESTERLYMAN CAMPTRAILER

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STATE OF COLORADO
 DIVISION OF HOUSING

THIS NONRESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT
 NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

MANUFACTURER'S NAME: _____ UNIT ID# _____
 PLAN APPROVAL NO. _____ CERTIFICATION NO. FBHR **17578**

DATE BUILT _____

MANUFACTURER CERTIFIES THE FOLLOWING:

ROOF DESIGN LOAD	_____	PSF	_____	MECHANICAL
WIND SPEED	_____	MPH	_____	ELECTRICAL
FLOOR DESIGN LOAD	_____	PSF	_____	PLUMBING
FIRE RATING EXTERIOR WALLS	_____	HR	_____	BUILDING
FIRE RATING FLOOR	_____	HR	_____	
FIRE RATING CEILING	_____	HR	_____	

PHOTO: TAG FOR TOP EASTERLYMAN CAMPTRAILER



UELS Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

04 **30** **10**
 MONTH DAY YEAR
 TAKEN BY: D.E. DRAWN BY: J.H. REVISED: (00-00-00)

PHOTO
P2

EnCana OIL & GAS (USA) INC.

F25 496 MANCAMP

LOCATED IN GARFIELD COUNTY, COLORADO

SECTION 25, T4S, R96W, 6th P.M.

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DIVISION OF HOUSING

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NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

MANUFACTURER(S) NAME: [REDACTED] UNIT ID# [REDACTED]

PLAN APPROVAL NO. [REDACTED] CERTIFICATION NO. FBNR 14555

DATE BUILT [REDACTED]

MANUFACTURER CERTIFIES THE FOLLOWING:

CODES BUILT TO:		MECHANICAL	ELECTRICAL	PLUMBING	HEATING
ROOF DESIGN LOAD	PSF				
WIND DESIGN PRESSURE	PSF				
FLOOR DESIGN LOAD	PSF				
FIRE RATING EXTERIOR WALLS	HR				
FIRE RATING FLOORS	HR				
FIRE RATING CEILING	HR				

PHOTO: TAG FOR TRAILER #1

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DIVISION OF HOUSING

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NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

MANUFACTURER(S) NAME: ADVANCED MANUFACTURING, INC. UNIT ID# 15501-15507

PLAN NO. 4559 CERTIFICATION NO. FBNR 17587

MANUFACTURER CERTIFIES THE FOLLOWING:

CODES BUILT TO:		MECHANICAL	ELECTRICAL	PLUMBING	HEATING
LOAD	PSF				
WIND LOAD	MPH				
FLOOR LOAD	PSF				
EXTERIOR WALLS	HR				

PHOTO: TAG FOR TRAILER #2



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 • FAX (435) 789-1813

LOCATION PHOTOS

04 30 10
MONTH DAY YEAR

PHOTO
P3

TAKEN BY: D.K.

DRAWN BY: J.H.

REVISED: 00-00-00

EnCana OIL & GAS (USA) INC.

F25 496 MANCAMP

LOCATED IN GARFIELD COUNTY, COLORADO

SECTION 25, T4S, R96W, 6th P.M.



PHOTO: TAG OF TRAILER #3

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DIVISION OF HOUSING

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NONRESIDENTIAL STRUCTURE STANDARDS OF THE STATE OF COLORADO

MANUFACTURER'S NAME: ADVANCED MODULAR HFG UNIT ID: ASPU4234-351

PLAN APPROVAL NO: 3753 CERTIFICATION NO: FBNR 15444

DATE BUILT: 01/06

MANUFACTURER CERTIFIES THE FOLLOWING:

CODES BUILT TO:	MECHANICAL	ELECTRICAL	PLUMBING	BUILDING
ROOF DESIGN LOAD	30	1017		
WIND DESIGN PRESSURE	25	1017		
FLOOR DESIGN LOAD	50	1017		
FIRE RATING EXTERIOR WALLS	VB	1017		
FIRE RATING FLOOR	VB	1017		
FIRE RATING CEILING	VB	1017		

PHOTO: TAG FOR TRAILER #4



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

04 30 10
MONTH DAY YEAR

**PHOTO
P4**

TAKEN BY: D.K.

DRAWN BY: J.H.

REVISED: 00-00-00

SECTION 25, T4S, R96W, 6th P.M.

PHOTO: TAG FOR TRAILER #5

PHOTO: TAG FOR TRAILER #6



UFS

Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS			04	30	10	PHOTO P5
			MONTH	DAY	YEAR	
TAKEN BY: D.K.	DRAWN BY: J.H.	REVISED: 00-00-00				

EnCana OIL & GAS (USA) INC.

F25 496 MANCAMP

LOCATED IN GARFIELD COUNTY, COLORADO

SECTION 25, T4S, R96W, 6th P.M.



PHOTO: TRAILER #7

THIS INSIGNIA IS THE PROPERTY OF THE
STATE OF COLORADO
DIVISION OF HOUSING

RESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT
RESIDENTIAL STRUCTURE STANDARDS OF THE STATE OF COLORADO

OWNER(S) NAME: [REDACTED]
VIA NO. [REDACTED] UNIT ID# [REDACTED]
CERTIFICATION NO. **FBNR 14171**

MANUFACTURER CERTIFIES THE FOLLOWING:

CODES BUILT TO:	
LOAD	PSF
WIND PRESSURE	PSF
SEISMIC LOAD	PSF
FOUNDATION EXTERIOR WALLS	HR
	MECHANICAL
	ELECTRICAL
	PLUMBING
	BUILDING

PHOTO: TAG FOR TRAILER #8



U&LS

Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

04 30 10
MONTH DAY YEAR

TAKEN BY: D.K.

DRAWN BY: J.H.

REVISED: 00-00-00

PHOTO
P6

EnCana OIL & GAS (USA) INC.
F25 496 MANCAMP
LOCATED IN GARFIELD COUNTY, COLORADO
SECTION 25, T4S, R96W, 6th P.M.

THIS INSIGNIA IS THE PROPERTY OF THE
STATE OF COLORADO
 DIVISION OF HOUSING

THIS NONRESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT
 NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

MANUFACTURER(S) NAME: MANCAMP UNIT ID# 17577
 PLAN APPROVAL NO. 17577 CERTIFICATION NO. FBHR 17577
 DATE BUILT 10/10/04

MANUFACTURER CERTIFIES THE FOLLOWING:

ROOF DESIGN LOAD	PSF	MECHANICAL
WIND SPEED	MPH	ELECTRICAL
FLOOR DESIGN LOAD	PSF	PLUMBING
FIRE RATING EXTERIOR WALLS	HR	BUM DAMPS
FIRE RATING FLOOR	HR	
FIRE RATING CEILING	HR	

PHOTO: TAG FOR TRAILER #9



PHOTO: VIEW OF MAN CAMP TRAILERS



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

04 30 10
 MONTH DAY YEAR

PHOTO
P7

TAKEN BY: D.K. DRAWN BY: J.H. REVISED: 00 00 00

Encana OIL & GAS (USA) INC.

REVISED SITE PLAN w/ PROPOSED FACILITIES

KIMBALL MTN. B07 799
SECTION 7, T7S, R99W, 6th P.M.
NW 1/4 NE 1/4

SCALE: 1" = 60'
DATE: 08-23-10
DRAWN BY: D.R.B.
Revised: 08-24-10 D.R.B.

SCALE

Sheet 5a of 11



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

Total Pit Capacity
W/2' of Freeboard
= 27,600 Bbls. ±
Total Pit Volume
= 6,770 Cu. Yds.

LEGEND:

ST - Septic Tank
G - Generator
WT - Water Tank

LEGEND:

1 - OVERFLOW
2 - SEWER TANK
3 - LIFT STATION
4 - SEWER LINE
5 - WATER TANK
6 - FREEZER
7 - STORAGE
8 - GENERATOR
9 - FUEL
10 - TRANSFORMER
11 - FIRE SUPPRESSION WATER TANK

NOTE:

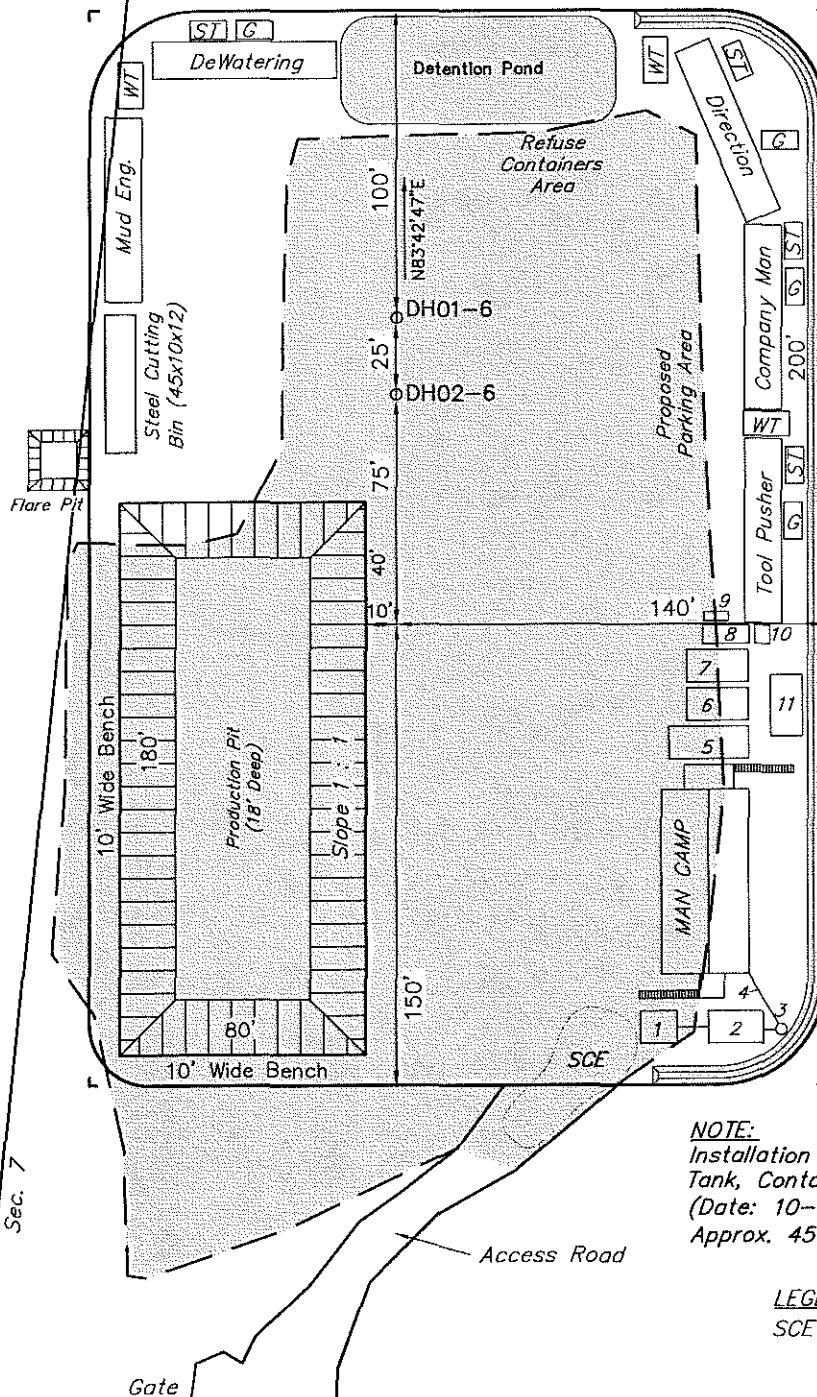
Installation & Removal of Water Tank, Containers, Sewage Storage
(Date: 10-01-10 thru 11-15-10
Approx. 45 days)

LEGEND:

SCE - STABILIZED CONSTRUCTION ENTRANCE

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



Encana OIL & GAS (USA) INC.

REVISED SITE PLAN w/ PROPOSED FACILITIES

KIMBALL MTN. B07 799
SECTION 7, T7S, R99W, 6th P.M.
NW 1/4 NE 1/4

SCALE: 1" = 60'

DATE: 03-11-10

DRAWN BY: D.R.B.

Revised: 03-19-10 D.R.B.

Revised: 05-14-10 D.R.B.

Revised: 07-08-10 D.R.B.

Revised: 07-15-10 D.R.B.

Revised: 07-21-10 D.R.B.

Revised: 08-03-10 D.R.B.

Revised: 08-23-10 D.R.B.

SCALE

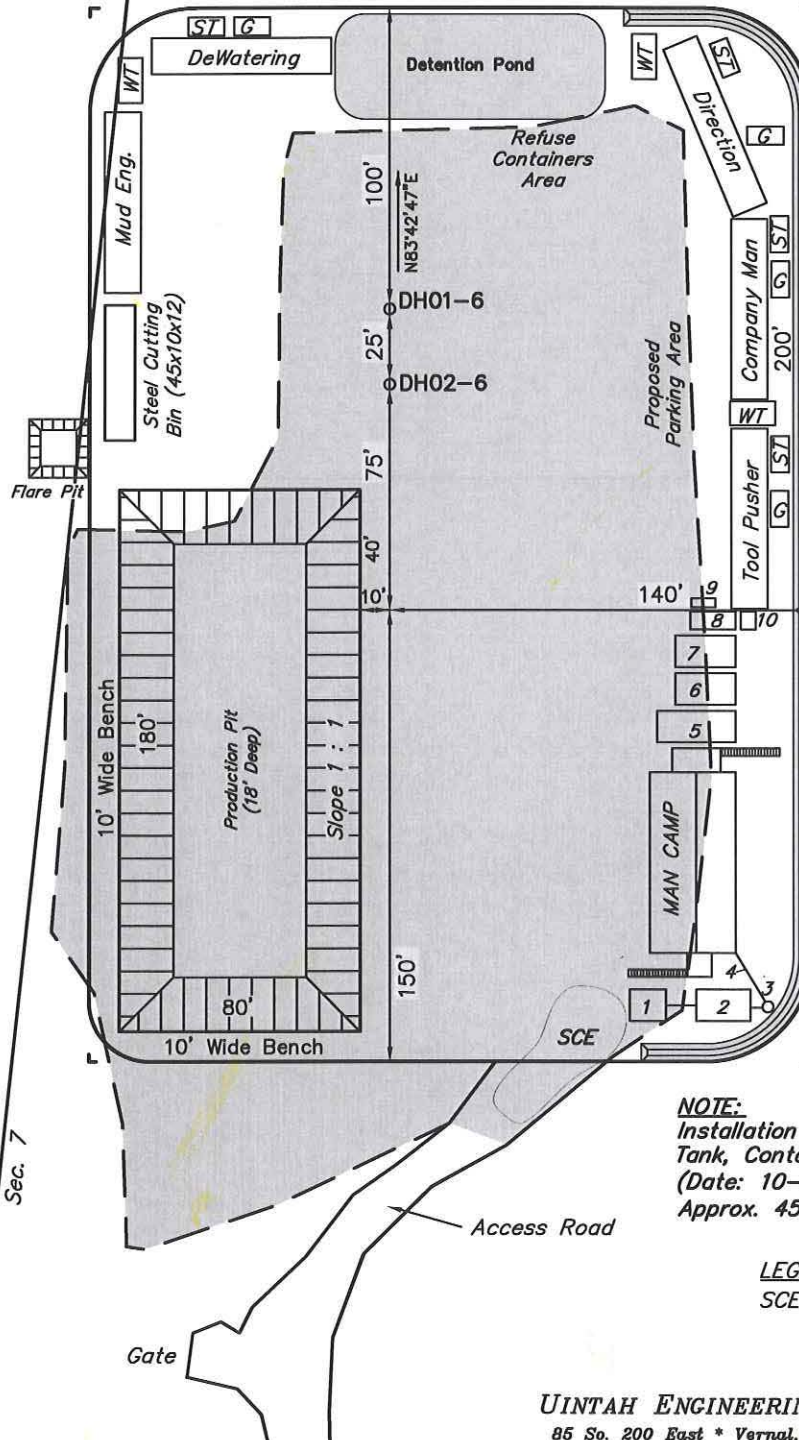
Sheet 5 of 11



NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

Total Pit Capacity
W/2' of Freeboard
= 27,600 Bbls. ±
Total Pit Volume
= 6,770 Cu. Yds.



LEGEND:

ST - Septic Tank
G - Generator
WT - Water Tank

LEGEND:

1 - OVERFLOW
2 - SEWER TANK
3 - LIFT STATION
4 - SEWER LINE
5 - WATER TANK
6 - FREEZER
7 - STORAGE
8 - GENERATOR
9 - FUEL
10 - TRANSFORMER

NOTE:

Installation & Removal of Water Tank, Containers, Sewage Storage
(Date: 10-01-10 thur 11-15-10
Approx. 45 days)

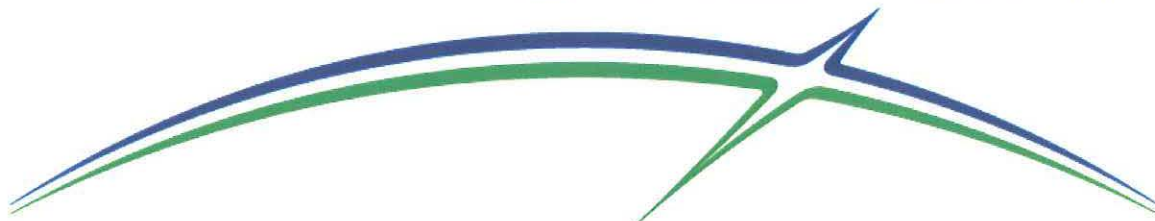
LEGEND:

SCE - STABILIZED
CONSTRUCTION
ENTRANCE

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

ENCANA™



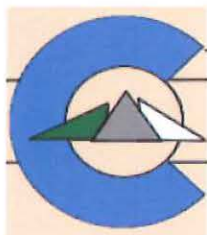
COUNTY ORIGINAL

**Kimball Mtn. Unit
B07 799**

Minor Temporary Employee Housing Administrative Permit

**Permit Coordinator: Renata Busch
(970) 285-2825**

June 2010



GARFIELD COUNTY
Building and Planning Department
108 8th Street, Suite 401
Glenwood Springs, Colorado 81601
Telephone: (970) 945-8212 Facsimile: (970) 384-3470
www.garfield-county.com

RECEIVED

JUN 9 9 2010

GARFIELD COUNTY
BUILDING & PLANNING

MTEH-6-10-6483 Kimball Mtn. Unit B07 799

Minor Temporary Employee Housing Administrative Permit

GENERAL INFORMATION – Permit Must be Issued Prior to Facility Installation

(To be completed by the applicant – Please submit 3 paper copies & 1 CD copy of the completed application to the Planning Department)

Practical Location of Housing Site(s):
Standard Shale Sec. 7, T7S, R99W

Tax Parcel Number:
2415-041-00-001

Check One: Minor Permit: ☒ Area Wide Development Plan (AWDP): ☐

Zone District: Rangeland Maximum Number of
Occupants for Each Facility: 24

Cumulative Amount of Time (in Days)
Each Facility Will be at Location (Attach
additional sheet if necessary): Approx. 45 days (will renew annually)

State or Federal Permitting Agency Overseeing Site ID # (APD #):
Reclamation, Restoration and Revegetation
(REQUIRED): Pending Pending

Previous Violations by n If So, How Many:
Applicant/Operator (Attach Documentation of Previous Offenses)
(y/n):

How Many Housing Facilities are Proposed in this
Application? 1

Name of Applicant EnCana Oil & Gas (USA) Inc.
(Surface Owner):

Address: 370 17th Street,
Suite 1700

Telephone: 720-876-3128

Email:

City: Denver

State: CO

Zip Code:
80202

Fax:

Name of Owner's Representative (if any –
attach appropriate documentation): Renata Busch
Permit Coordinator (reference Statement of Authority)

Address: 2717 County Road 215, Telephone: 970-285-2825 Email: renata.busch@encana.com
Suite 100

City: Parachute State: CO Zip Code: 81635 Fax: 970-285-2691

STAFF USE ONLY

Doc. No.: 6483 Date Submitted: 6/29/30 TC Date:

Approval Date:

Denial Date:

Planner:

ELIGIBILITY		
Requirement (Section 7-808 (D) (2)) – All Requirements Must be Satisfied to be Eligible as a Minor Facility	<i>Applicant</i>	<i>Planning Department</i>
	<i>Complies (Y/N)</i>	<i>Complies (Y/N)</i>
The Minor Temporary Employee Housing Facility and any associated infrastructure ("Minor Facility(ies)") must be completely contained within a state or federally permitted parcel (i.e. Colorado Oil and Gas Conservation Commission (COGCC) approved oil/gas well pad) in which reclamation and revegetation are secured with the permitting agency (Permitted Site); and,	Y	
The Minor Facility is located at the Permitted Site for less than a cumulative of one (1) year; and,	Y	
The Minor Facility shall have an occupancy of nine (9) to twenty-four (24) people who are employees, contractors or sub-contractors of the operator and are needed for onsite safety of the related commercial, industrial, extraction or highway operation.	Y	
Temporary employee housing facilities that do not have the three characteristics listed above, i.e. have an occupancy of 8 or fewer people or 25 or more people, on location for more than a cumulative of one (1) year or not completely contained within a Permitted Site, i.e. "Small Facility" or "Major Facility", are subject to the special use review process and standards and requirements contained in Article 7.808 (D) (1) and (3) and the enforcement provisions of Article 12.	Y	

I. Review Process

A. Outline of Process. The Minor Temporary Housing Facility(ies) Review process shall consist of the following procedures as more fully defined in Section 4-108 of Article IV:

1. Application
2. Determination of Completeness
3. Evaluation by the Director
4. Decision by Director

B. Review Process.

1. Minor Permit and Area Wide Development Plan (AWDP): Each Minor Facility application shall be reviewed by the Director and an administrative determination made, in accordance with the process and timeframes outlined below. The Applicant, however, may choose to apply for an AWDP consisting of multiple Minor Facilities to be developed within an identified amount of

time, using an accelerated administrative process, following approval of an AWDP, leading to multiple Minor Permits. Approval of an AWDP,

2. However, does not guarantee approval of each Minor Permit. Administrative review is required for permitting of each Minor Facility, in accordance with the process and timelines contained below.
3. Upon submittal of an application for a Minor Permit or for approval of an AWDP to the Department, a technical compliance check shall be completed and notice of compliance or non-compliance sent to the Applicant by the Director within fourteen (14) calendar days of submittal. Once an application for a Minor Permit or AWDP is deemed technically compliant by the Director, the Director shall issue a determination of approval, approval with conditions or denial within fourteen (14) calendar days following the date of technical compliance determination. Unless otherwise provided herein, the expiration of any time limitation imposed upon the Board of County Commissioners, the Planning Commission, or any other County representative, shall be interpreted as having consequence only in entitling an interested party to request judicial relief in the nature of mandamus. The expiration of any such time limitation shall not, in and of itself, be considered as approval or denial of any application, plan or plat under consideration.
4. If the Director finds in reviewing an application that the application meets the standards set forth in this Unified Land Use Resolution of 2008, the Director shall approve the application for a Minor Permit and issue the Minor Permit to the Owner of the subject lot or approve the application for approval of an AWDP.
5. If the Director finds that the application does not meet an applicable standard or standards, the application may be approved with appropriate reasonable conditions imposed to avoid or minimize the significant adverse impacts of the Minor Facility(ies). Such conditions may include, but are not necessarily limited to, the relocation or modification of proposed access roads, facilities (including water and sewer facilities), or structures; landscaping, buffering, or screening; or any other measures necessary to mitigate any significant impact on surrounding properties and infrastructure.
6. If the Director finds that the application does not meet an applicable standard or standards and that the non-compliance cannot be mitigated through a condition(s) of approval, the Director shall deny the Minor Permit or application for approval of an AWDP.

II. REQUIRED CHECKLIST FOR ALL MINOR TEMPORARY HOUSING APPLICATIONS

The following section contains the checklist to be completed by an applicant and applicable Fire District and County Sheriff's Office.




Requirement	Applicant (Mark if Submitted)	Planning Department
		Materials Submitted and Adequate
Completed Application and Application Fee	√	
Letter of Authorization or Similar per	√	
Submittal Requirements for AWDP Application: (Per Section 4-501 (K) (4).)		
Site Plan (Per Section 4-502 (C)(3))		
A master map/site plan in accordance with Section 4(H), below identifying the proposed location and anticipated layout for all Minor Facilities to be installed within the AWDP. Site specific, surveyed maps depicting the location of each Minor Facility, located within the Permitted Site within the subject lot, shall be submitted with each individual Minor Permit application and not with the application for approval of an AWDP.	√	
The master map/site plan shall include a list of the anticipated dates of installation and removal for each Minor Facility. The list shall also include the estimated total cumulative length of time (number of days) that the Minor Facilities are anticipated to be installed at the proposed location.	√	
Sign-offs from the Garfield County Sherriff's Office, relevant fire protection district(s), and Garfield County Building Department consistent with the requirements of this code.	√	
A legible photo of the state or federal "certifying stamp" for each housing unit anticipated to be used within the AWDP and demonstration that each proposed unit meets current building code and Garfield County fire code requirements.	√	
A general description of infrastructure and services listed in this code. The detail required at the time of application for a Minor Permit is not required at the time of application for approval of an AWDP.	√	
Proof that required public noticing has been performed in accordance with Section 2 above.	√	

Requirement	Applicant (Mark if Submitted)	Planning Department
		Materials Submitted and Adequate
Submittal Requirements for Minor Permit, including Minor Permit application for which an AWDP was previously approved: (Section 4-501 (K) (5))		
Sign-offs: review from the Garfield County Sheriff's Office and relevant fire protection district(s). If an AWDP was previously approved in accordance with Section (3), above, the applicant for a Minor Permit need not resubmit the sign-offs.	√	
Sign-off: review from the Garfield County Building Department of the state or federal "certifying stamp" for each housing unit proposed for use and demonstration that each proposed housing unit meets current building code and fire code requirements. If an AWDP has been previously approved which includes the Minor Facility presently being permitted, the Applicant shall identify the housing units which will be used at the Minor Facility from the list approved as a part of the AWDP.	√	
General description of the water system planned for potable water, along with details regarding number and volume of potable water tanks, source of water, name of hauler, hauler's Colorado Department of Public Health and Environment (CDPHE) registration number and copy of hauler's CDPHE certification, frequency of delivery, and calculation of water demand and demonstration of adequate capacity.	√	
A general description of the system planned for collection and storage of sewage and wastewater, along with details regarding number and volume of sewage and wastewater vaults, name of hauler, frequency of pickup, identification of sewage disposal site, calculation of sewage and wastewater treatment demand and demonstration of adequate storage and/or treatment capacity.	√	
A general description of the system planned for collection and disposal of refuse, along with details regarding refuse collection, including number, type and volume of containers; name of hauler; frequency of collection; and identification of refuse disposal site.	√	
A list of adjacent surface owners within 200 feet of the Subject Lot <u>or</u> 200 feet from the Permitted Site if the Permitted Site is within the Resource Land Zone District and within the Resource Land Plateau Sub-District, as identified in the Garfield County Assessor's records, and a list of separated mineral estate owners in the subject lot or the Permitted Site if the Permitted Site is within the Resource Land Zone District and within the Resource Land Plateau Sub-District, as identified in the Garfield County Clerk and Records records.	√ none within 200'	
A list of the final dates of installation and removal of the Minor Facility and a representation of the total cumulative length of time (number of days) that the Minor Facility will be installed at the proposed location.	Dates dependent upon drill schedule which is <u>yet to be determined</u> Cumulative days could be approx. 45	

Requirement	Applicant (Mark if Submitted)	Planning Department
		Materials Submitted and Adequate
Unless previously demonstrated as apart of an approved AWDP, submit proof that required public noticing has been performed in accordance with Section 4-501 (K) (2).	Check 4-501 (K)(2) does not exist	
Site Plan in conformance with Section 4-502(C)(3).	√	
The name, title, address, phone number and email address of the Operator's employee or other authorized representative who is in charge of ensuring that the Minor Facility is in compliance with the standards outlined in Section VII.	√	
A form, provided by the Department and signed by the Operator's Compliance Officer, indicating that the Minor Facility will be installed in accordance with all applicable Garfield County, relevant fire district, state and federal regulations.	√	
A form, provided by the Department and signed by the Operator's Compliance Officer, indicating that the Operator submits to the enforcement provisions identified within this code.	√	
A copy of the permit from the state or federal agency, regulating the Permitted Site, identifying the location, conditions of approval, time period for which the permit is valid and the parameters for reclamation and revegetation of the Minor Facility once the state or federal permit for the Permitted Site has expired or is otherwise terminated.	Pending APD approval √	
Demonstration of ownership of subject lot in accordance with this code. (i.e. deed, title commitment).	√	


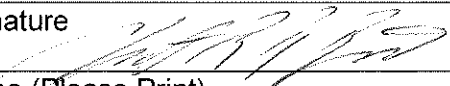
III. REQUIRED CHECKLIST FOR FIRE PROTECTION DISTRICT

Documents to be Received & Reviewed by District - (Referral Agencies May Require Further Information in Addition to the Documents and Materials Identified Below.)	Representative of District (Documents Received are of Adequate Quality and Quantity)
Application The Referral Agency shall receive a full and complete copy of the application including all updates and additions.	ok
Site Plan Site Plan as required by Section 4-502(C)	ok

Documents to be Received & Reviewed by District (CONT.) (Referral Agencies May Require Further Information in Addition to the Documents and Materials Identified Below.)	Representative of District (Documents Received are of Adequate Quality and Quantity)
Fire Suppression A water storage tank shall be required to provide water to the sprinkler system and initial suppression activities. The size of the water tank shall be determined based on sprinkler calculations and initial suppression demands. The size of the water storage tank shall be determined by the relevant fire protection district. If the Minor Facility is located outside the boundaries of a fire protection district, than Each Minor Facility shall have at least one (1) water storage tank with a minimum of 2500 gallons of stored water for initial fire suppression, operation of sprinkler systems (if applicable) and wild land fire protection.	<i>Operation of Sprinkler System is Dependent on System Requirements.</i> 
Emergency Fire Notification Systems Factory built nonresidential structures or recreational vehicle units equipped by the manufacturer with a fire sprinkler system, fire detection system, and/or alarm system shall be inspected, tested, and maintained in accordance with 2003 IFC §901.4 and §901.6 and as required by the relevant fire protection district(s). Smoke alarms and manual fire alarm systems shall be installed, inspected and maintained in all other factory built nonresidential structures or recreational vehicle units in accordance with 2003 International Fire Code (IFC) §907.2.9 and §907.2.10 and the requirements of the relevant fire protection districts. One (1) or more approved fire extinguisher(s) of a type suitable for flammable liquids, combustible materials and electrical fires (Class ABC), or dry chemical, shall be located in each factory built nonresidential structure or recreational vehicle unit and placed in accordance with applicable codes.	
As an authorized representative of the affected Fire Protection District (District), I verify that the District has received adequate submittals (written and graphic) for this District to carry out its services. It is understood that the District is not obligated to sign-off on this form if further information, either in terms of quality or quantity, is necessary to carry out the District's purpose and mission.	
Fire Protection District Grand Valley Fire Protection District	
Signature 	Date 5/2 05/21/10
Name (Please Print) Rob Ferguson	Title Deputy Fire Chief

IV. REQUIRED CHECKLIST FOR GARFIELD COUNTY SHERIFF'S OFFICE

Documents to be Received & Reviewed by County Sheriff (Referral Agencies May Require Further Information in Addition to the Documents and Materials Identified Below.)	Representative of Sheriff (Documents Received are of Adequate Quality and Quantity)
Application The Referral Agency shall receive a full and complete copy of the application including all updates and additions.	✓
Site Plan Site Plan as required by Section 4-502(C)	✓
A vicinity map indicating the section, township, and range of the subject lot and the location of Minor Facility within the subject lot and the Permitted Site; general relation to surrounding public roads, private roads, adjacent utility systems, residential development, other actively permitted Minor and Major Facilities, natural drainage courses and municipalities within one (1) mile of the proposed Minor Facility; north arrow and scale; GPS coordinates and current surface ownership of the subject lot. The vicinity map shall be presented on a USGS 7.5 minute series quadrangle at a scale of 1"=2000' or equivalent, with a topography depicted at a minimum of 40' intervals.	✓
Surveyed layout of the proposed Minor Facility within the surveyed boundaries of the Permitted Site, including at a minimum: housing structures, sewage and wastewater disposal, trash receptacles, potable water storage, all other associated infrastructure and all other equipment located within the Permitted Site.	✓
Identification of the private and public roadways accessing each Minor Facility. Roadways shall be marked as open, gated, and/or locked (include combinations). Detailed directions, with mileage, shall be given from the nearest town within Garfield County, nearest Garfield County Sheriff's Office dispatch location and responsible fire district headquarters to each Minor Facility, along each roadway.	✓
Name, address and phone number of surface owner of the subject lot or the Permitted Site if the Permitted Site is within the Resource Land Zone District and within the Resource Land Plateau Sub-District.	✓
Name, address and phone number, including a 24-hour emergency response number of at least two persons responsible for Operator's emergency field operations; contact numbers for local hospitals, emergency response, fire protection districts, Garfield County Sheriff's Office, Life/Care Flight, and applicable regulatory agencies; site safety/evacuation plan; and any other written response plan for potential emergencies at the Permitted Site.	✓
Identification of the final dates of installation and removal of the Minor Facility. The site plan shall include a notation of the total cumulative length of time (number of days) that the Minor Facility will be installed at the Permitted Site.	✓

Documents to be Received & Reviewed by County Sheriff (Referral Agencies May Require Further Information in Addition to the Documents and Materials Identified Below.)	Representative of Sheriff (Documents Received are of Adequate Quality and Quantity)
Emergency Notification Please Note: All emergency situations requiring action by any government agency or district shall be documented in writing and presented to the Planning Department and Garfield County Sheriff's Office within 24 hours of the occurrence. Failure to report such emergency situations shall be deemed a violation per the Unified Land Use Resolution of 2008.	
As an authorized representative of the Garfield County Sheriff's Office (S.O.), I verify that the S.O. has received adequate submittals (written and graphic) to carry out emergency response in regards to the aforementioned Minor Temporary Employee Housing Facility. It is understood that the S.O. is not obligated to sign-off on this form if further information, either in terms of quality or quantity, is necessary to carry out the S.O.'s purpose and mission.	
Garfield County Sheriff's Office	
Signature 	Date 6-22-14
Name (Please Print) Chris Bornholdt	Title EM

V. Performance Standards and Enforcement Sign-Off (Operator's Compliance Officer)

The applicant shall adhere to the following Minor Temporary Employee Housing Facility Standards required in Section 7-808(D)(2) of Article VII:

Minor Temporary Employee Housing Facilities, in the nature of Factory Built Nonresidential Structures [as defined under C.R.S. 24-32-3302(a)] and/or recreational vehicles [as defined under C.R.S. 42-1-102 (61), with the addition that such truck, truck tractor, motor home or camper trailer is being used for temporary living quarters and not recreational purposes], may be granted land use approval for projects related to commercial, industrial and mineral extraction operations by the Building and Planning Department Director (Director), through the Minor Permit process. Such housing shall be of a temporary nature, and at the expiration or other termination of the Minor Permit, all structures, foundations and associated infrastructure shall be completely removed. Such facilities are subject to all applicable requirements of Garfield County building and fire codes (building code, fire code), state and federal permits and relevant fire protection district(s) fire code requirements.

Minor Permits shall have all of the following basic characteristics:

- A. Minor Facilities must comply with all applicable federal, state and local laws and regulations.
- B. Operator must keep and maintain appropriate records, to be provided to the County or any interested third party upon request, to demonstrate that potable water supplied and sewage and wastewater meet the representations contained within the application, as required.

EnCana will keep and maintain appropriate records, to be provided to County or any interested third party upon request.

- C. In no case shall unsafe water be used for drinking nor shall raw sewage or contaminated water be discharged on the ground surface. The operator shall conduct monthly tests (or quarterly if an on-site disinfection system is installed) and maintain records of stored potable water samples specific for coli form bacteria. Any tests indicating coli form contamination must be disclosed to the Garfield County Board of Health or designee within 72 hours from the time the contaminated water was tested.

Potable water is provided at each temporary housing facility and includes bottled water and potable water stored in potable water tanks. Each temporary housing facility will have a minimum of one potable water storage tank capable of storing up to 3,000 gallons of potable water. The water storage tanks will be filled as needed, but at a minimum of every three to five days. Potable Water (average gallons consumed /day) is approximately 1500.

EnCana will use CDPHE-certified potable water haulers to haul potable water to the temporary employee housing facilities. Potable water sources include a groundwater well in Mesa County and municipal sources from Ute Water, City of Newcastle, City of Glenwood Springs, and the No Name Water Association. Copies of affidavits with EnCana's potable water contractors are included with this application.

EnCana's potable water contractors will conduct monthly tests and maintain records of stored potable water samples specific for coli form. Any tests indicating coli form contamination will be disclosed to the Garfield County Board of Health. EnCana will maintain appropriate records.

- D. Minor Facilities shall be maintained in a clean, safe and sanitary condition, free of weeds and refuse. Any hazardous or noxious materials that must be stored at the Minor Facility for operational or security reasons must be managed in accordance with all applicable federal, state and local laws and regulations.

Temporary employee housing facilities will be maintained in a clean and sanitary condition. Hazardous or noxious materials that must be stored at the Minor Facility for operational or security reasons will be managed in accordance with all applicable federal, state and local laws and regulations.

- E. At least one thirty (30) gallon (4 cubic feet) wildlife-proof refuse container shall be provided for each factory built nonresidential structure or recreational vehicle unit. Said container(s) must be durable, washable, non-absorbent metal or plastic with tight-fitting lids.

Each temporary housing facility will have a minimum of one thirty-gallon, wildlife-proof refuse container.

- F. Refuse shall be disposed of weekly, at a minimum. Operators must keep appropriate records, to be provided to the County or any interested third party upon request, to demonstrate that refuse is collected in a timely fashion and disposed of at a licensed facility.

Refuse shall be disposed of as needed, with a minimum removal once per week. Currently, two companies provide trash collection and removal services for our North Piceance Minor Facilities; Western Colorado Waste Service, Inc. and Next Generation. Refuse is disposed of at Garfield County Landfills. EnCana will maintain appropriate records which will demonstrate that refuse is collected in a timely fashion and disposed of at a licensed facility. Hauler Affidavits are provided with this application.

- G. Outdoor food storage is prohibited unless facilities that prevent the attraction of animals to the Minor Facility are provided.

Any individual coolers will be stored inside vehicles with the windows and doors securely shut.

- H. Factory built nonresidential structures or recreational vehicle units equipped by the manufacturer with a fire sprinkler system, fire detection system, and/or alarm system shall be inspected, tested, and maintained in accordance with 2003 IFC §901.4 and §901.6 and as required by the relevant fire protection district(s). Smoke alarms and manual fire alarm systems shall be installed, inspected and maintained in all other

factory built nonresidential structures or recreational vehicle units in accordance with 2003 International Fire Code (IFC) §907.2.9 and §907.2.10 and the requirements of the relevant fire protection districts.

Units equipped with a fire sprinkler system, fire detection system, and/or alarm system shall be inspected, tested, and maintained in accordance with 2003 IFC §901.4 and §901.6 and as required by relevant fire protection district. Smoke alarms and fire alarm systems will be placed in each temporary housing unit; inspected and maintained in accordance with 2003 International Fire Code (IFC) §907.2.9 and §907.2.10 and the requirements of the fire protection districts.

- I. Single-station carbon monoxide alarms shall be placed in each factory built nonresidential structure or recreational vehicle unit.

Single-station carbon monoxide alarms will be placed in each temporary housing unit.

- J. One (1) or more approved fire extinguisher(s) of a type suitable for flammable liquids, combustible materials and electrical fires (Class ABC), or dry chemical, shall be located in each factory built nonresidential structure or recreational vehicle unit and placed in accordance with applicable codes.

One (1) or more approved fire extinguisher(s) of a type suitable for flammable liquids or electrical fires (Class B or Class C), carbon dioxide or dry chemical, will be located in each temporary housing unit will be located in each temporary housing unit and placed in accordance with applicable codes.

- K. Inhabitants of the Minor Facility shall be Applicant's employees and/or subcontractors, working on the related commercial, industrial or mineral extraction operation, and not dependents of employees, guests or other family members.

Inhabitants of the Minor Facility shall be EnCana's employees and/or subcontractors, working on the related commercial, industrial or mineral extraction operation, and dependents of employees, guests or other family members are prohibited from staying at the Minor Facility.

- L. Within 10 days following the expiration or other termination of the Minor Permit or represented date of removal identified within the Minor Permit, all housing structures, foundations and associated infrastructure shall be completely removed. The Operator shall provide the Department with photos, dated and signed by the Operator's Compliance Officer, indicating that all housing structures, foundations and associated infrastructure has been removed within the specified timeframe.

EnCana will provide photos to the Department, indicating that all housing structures, foundations and associated infrastructure have been removed.

- M. No domestic animals are allowed at a Minor Facility.

EnCana's policy does not allow for domestic animals at Minor Facilities.

- N. A water storage tank shall be required to provide water to the sprinkler system and initial suppression activities. The size of the water tank shall be determined based on sprinkler calculations and initial suppression demands. The size of the water storage tank shall be determined by the relevant fire protection district. If the Minor Facility is located outside the boundaries of a fire protection district, then Each Minor Facility shall have at least one (1) water storage tank with a minimum of 2500 gallons of stored water for initial fire suppression, operation of sprinkler systems (if applicable) and wild land fire protection.

Each Minor Facility will have a water storage tank, with a minimum of 2,500 gallons of stored water for initial fire suppression and wild land fire protection.

- O. All emergency situations requiring action by any government agency or fire protection district shall be documented in writing and presented to the Planning Department and Garfield County Sheriff's Office within 24 hours of the occurrence.

Any emergency situations requiring action by any government agency or fire protection district shall be documented in writing and presented to the Planning Department and Garfield County Sheriff's Office within 24 hours of the occurrence.

- P. All required Access Permits shall be obtained from the Garfield County Road and Bridge Department or the Colorado Department of Transportation.

All required Access Permits shall be obtained from the Garfield County Road and Bridge Department or the Colorado Department of Transportation.

- Q. The Garfield County Sheriff's Office and relevant fire protection district(s) must be notified at least 24 hours prior to installation and removal of each Minor Facility. The Department shall be copied on all such notification, whether hard copy or electronic.

Notification will be given to the Garfield County Sheriff's Office and relevant fire protection district(s) at least 24 hours prior to installation and removal of each Minor Facility. Garfield County Building & Planning Department will be copied on such notification.

- R. The Operator shall maintain records identifying workers, whether employees or sub-contractors, and documenting the dates that each worker is housed at the Minor Facility. Such records shall be provided to the County or any additional third party upon request.

Records will be maintained indentifying workers and indicating the dates that each worker is housed at the Minor Facility. Such records shall be provided to the County or any additional third party upon request.

S. Wastewater Disposal:

- 1) Vault System: All vault systems shall be designed and installed to accommodate the maximum number of persons, identified within the Minor Permit application, who will inhabit the Minor Facility. In addition, all vault systems shall be equipped with an overflow alarm device. Vault systems shall be designed to accommodate a minimum of 75 gallons of wastewater per person per day. If a vault system is proposed or has been approved, the Applicant/Operator must:

Each Minor Facility will have a vault system installed to accommodate the maximum number of persons who will inhabit the Minor Facility. Each wastewater storage tank will be equipped with an overflow alarm and will either have secondary containment, an overflow tank, or both measures.

- a) Demonstrate that year-round vehicular access is available and maintained for safe and regular access for sewage hauling vehicles.

During the time that the Minor Facilities are occupied and drilling operation are ongoing, EnCana will ensure that vehicular access is available and maintained for safe and regular access for sewage hauling vehicles.

- b) Provide a copy of the contract for hauling sewage.

A signed Hauler Affidavit for sewage hauling has been forwarded to the County Building & Planning Director along with a copy provided with this application.

- c) Maintain all sewage disposal records including but not limited to trip logs/reports and landfill receipts as public records, available to the County and/or any other interested third party upon request.

All sewage disposal records will be maintained including, but not limited to trip logs/reports and landfill receipts as public record, available to the County and/or any interested third party upon request.

- d) If the total waste production from a facility will be 2000 gallons per day or greater based on a production of 75 gallons of wastewater generation per person per day, then the facility shall be serviced by an ISDS. Hauled sewage and wastewater service shall not be permitted for any facility which will generate a total of 2000 gallons of wastewater and sewage per day.
- 2) Individual Sewage Disposal System (ISDS): If an ISDS is proposed or has been approved, then it shall be designed, installed and operated to accommodate the maximum number of persons who will inhabit the Minor Facility and shall otherwise be operated in accordance with the Garfield County ISDS regulations as contained in BOCC Resolution Number 1994H-136.

ISDS systems utilized at the Minor Facility are designed, installed and operated to accommodate the maximum number of persons who will inhabit the Minor Facility.

I have read and understand the above referenced sections of the Unified Land Use Resolution of 2008. In addition, I hereby certify that the aforementioned facility(ies) will be installed in accordance with all applicable Garfield County, relevant fire district, state and federal regulations. Further, I understand that non-compliance with any of the provisions as outlined in the Unified Land Use Resolution of 2008 shall be enforced in accordance with Section 12 and any additional enforcement provisions within this code.

Name of Operator's Compliance Officer (Please Print)	
Danny Knutson	<i>Danny Knutson by Senate Busch</i>
Signature	Date <i>06-24-10</i>
Title	Email Address
Safety Coordinator	danny.knutson@encana.com
Address	Phone Number
2717 County Road 215, Suite 100, Parachute, CO 81635	(970) 285-2709

GARFIELD COUNTY BUILDING AND PLANNING DEPARTMENT

PAYMENT AGREEMENT FORM

(Shall be submitted with application)

GARFIELD COUNTY (hereinafter COUNTY) and EnCana Oil & Gas (USA) Inc.
_____ Property Owner (hereinafter OWNER) agree as follows:

1. OWNER has submitted to COUNTY an application for _____
Minor Temporary Employee Housing (KM B07-799) _____ (hereinafter, THE PROJECT).
2. OWNER understands and agrees that Garfield County Resolution No. 98-09, as amended, establishes a fee schedule for each type of subdivision or land use review applications, and the guidelines for the administration of the fee structure.
3. OWNER and COUNTY agree that because of the size, nature or scope of the proposed project, it is not possible at this time to ascertain the full extent of the costs involved in processing the application. OWNER agrees to make payment of the Base Fee, established for the PROJECT, and to thereafter permit additional costs to be billed to OWNER. OWNER agrees to make additional payments upon notification by the COUNTY when they are necessary as costs are incurred.
4. The Base Fee shall be in addition to and exclusive of any cost for publication or cost of consulting service determined necessary by the Board of County Commissioners for the consideration of an application or additional COUNTY staff time or expense not covered by the Base Fee. If actual recorded costs exceed the initial Base Fee, OWNER shall pay additional billings to COUNTY to reimburse the COUNTY for the processing of the PROJECT mentioned above. OWNER acknowledges that all billing shall be paid prior to the final consideration by the COUNTY of any land use permit, zoning amendment, or subdivision plan.

PROPERTY OWNER (OR AUTHORIZED REPRESENTATIVE)



Signature

06-24-10

Date

Renata Busch

Print Name

Mailing Address:

EnCana Oil & Gas (USA) Inc.

2717 County Road 215, Suite 100

Parachute, CO 81635



Reception#: 760312
12/18/2008 03:14:00 PM Jean Alberico
1 of 2 Rec Fee \$11.00 Doc Fee 0.00 GARFIELD COUNTY CO

STATEMENT OF AUTHORITY

Pursuant to C.R.S. §38-30-172, the undersigned executes this Statement of Authority on behalf of EnCana Oil & Gas (USA) Inc., a corporation (corporation, limited liability company, general partnership, registered limited liability partnership, registered limited liability limited partnership, limited partnership association, government agency, trust or other), an entity other than an individual, capable of holding title to real property (the "Entity"), and states as follows:

The name of the Entity is EnCana Oil & Gas (USA) Inc. and is formed under the laws of the State of Delaware.

The mailing address for the Entity is 370 17th Street, Suite 1700; Denver, CO 80202.

The name and/or position of the person(s) authorized to execute instruments conveying, encumbering, or otherwise affecting title to real property on behalf of the Entity is/are Brenda Linster, Kent Lindberg, Renata Busch, Brett Crabb, Jason Eckman, Chris Putnam and Khem Suthiwan.

The limitations upon the authority of the person named above or holding the position described above to bind the Entity are as follows: sign Garfield County permits including, but not limited to Special Use Permits; Pipeline Development Plan Administrative Permits; Major and Minor Permits and Small Facility Checklists for Temporary Employee Housing; grading permits; building permits; ISDS permits; utility installation permits; driveway permits; major Impact Permits; Limited Impact Permits; and Administrative Permits.

(if no limitations, insert "None")

Other matters concerning the manner in which the Entity deals with any interest in real property are: _____

(if no other matter, leave this section blank)

Page 2 of Statement of Authority

EXECUTED this 19th day of November, 2008.

Signature: [Signature]

Name (typed or printed): Dean Purcelli

Title (if any): Vice President

STATE OF Colorado)
COUNTY OF Denver) SS.

The foregoing instrument was acknowledged before me this 19th day of November, 2008 by Dean Purcelli, on behalf of Enclave Oil & Gas (USA) Inc, a Delaware Corporation.

Witness my hand and official seal.

My commission expires: 9/29/2012

Renee Dorgan
(Notary Public)

11/08





Form
Revised 12/09/09

**NORTH PICEANCE
DRILLING RIG GROUP
Site Emergency Response Plan**

Date: 05.18.2010 Consultant(s): To Be Determined / Dependent upon Rig
Rig: To Be Determined Pad: B07 799, Sec 7, T7S, R99W, 6th PM
Nearest town: DeBeque, CO Distance to nearest town: 21.05 miles
GPS coordinates: Latitude = 39.467781 Longitude = 108.482347 NW1/4, NE1/4, Sec. 7, Twn 7S, Rng 99W
Site Directions: REFERENCE ATTACHED DRIVING DIRECTIONS

Only approved vendors are allowed on the location. Call ahead.

Elevation: 5966' Use Garfield County Dispatch for 911 emergencies: 970-625-8095

Muster Location: B07 799 Entrance

Safe place for Care Flight to land: Establish landing site close to location entrance

Secondary Escape: Rig Emergency Response Flag. Safe exit around location. Meet at entrance muster point.

In case of an emergency (Injury, Accident, Fire, Gas Release, or Spill):

- Make the 911 emergency call immediately if the situation requires (Call the county dispatch.)
County Dispatch will fulfill 911 duties: Fire, Ambulance/Flight for Life, and Sheriff.
- All personnel on location meet at designated meeting place (MUSTER POINT.) Determine that all personnel are accounted for, using the daily log in sheet.
- If safe to do so, perform rescue operations and administer 1st aid.
- If injured person can be safely moved, transport to the nearest hospital. If not, meet and guide the Ambulance/Care Flight to the pre-planned meeting place and direct them to the accident site.
- Assign a designated communication person for phone communication and incident documentation.
- If safe to do so, control the release and contain the spill.
- Evacuate the location and surrounding area as needed.
- Document all information, ie: time of incident, time of reporting, time of response, time any changes occurred w/ incident, description of incident, names of personnel involved, witnesses, estimated spill volumes, etc.
- Inform EnCana Drilling Supervision and EHS as soon as possible for all incidents.

South Piceance Drilling Supervision:

- Notify appropriate Emergency Response Agencies
- Keep phone open for communications w/ Emergency Responders and the scene of the incident.
- Notify appropriate Company Groups and Managers.

Frank Merendino

720-876-5161 (cell) 303-819-7319

Tony Kohake

720-876-5281 (cell) 303-483-5575

Tony Wieland

720-876-5289 (cell) 303-319-9478

Bruce Neatherlin

970-285-2710 (cell) 970-309-7015

Safety On-Call

970-210-8755

Environmental On-Call

970-319-9173

EnCana Gas Control

970-285-2615

Garfield County Emergency Dispatch

970-625-8095

Mesa County Emergency Dispatch

970-242-6707

Grand River Medical Center (ER)

970-625-1510

St. Mary's Hospital (Grand Junction)

970-244-2273

Care Flight (stationed at St. Mary's)

800-332-4923

Road Conditions / State Patrol

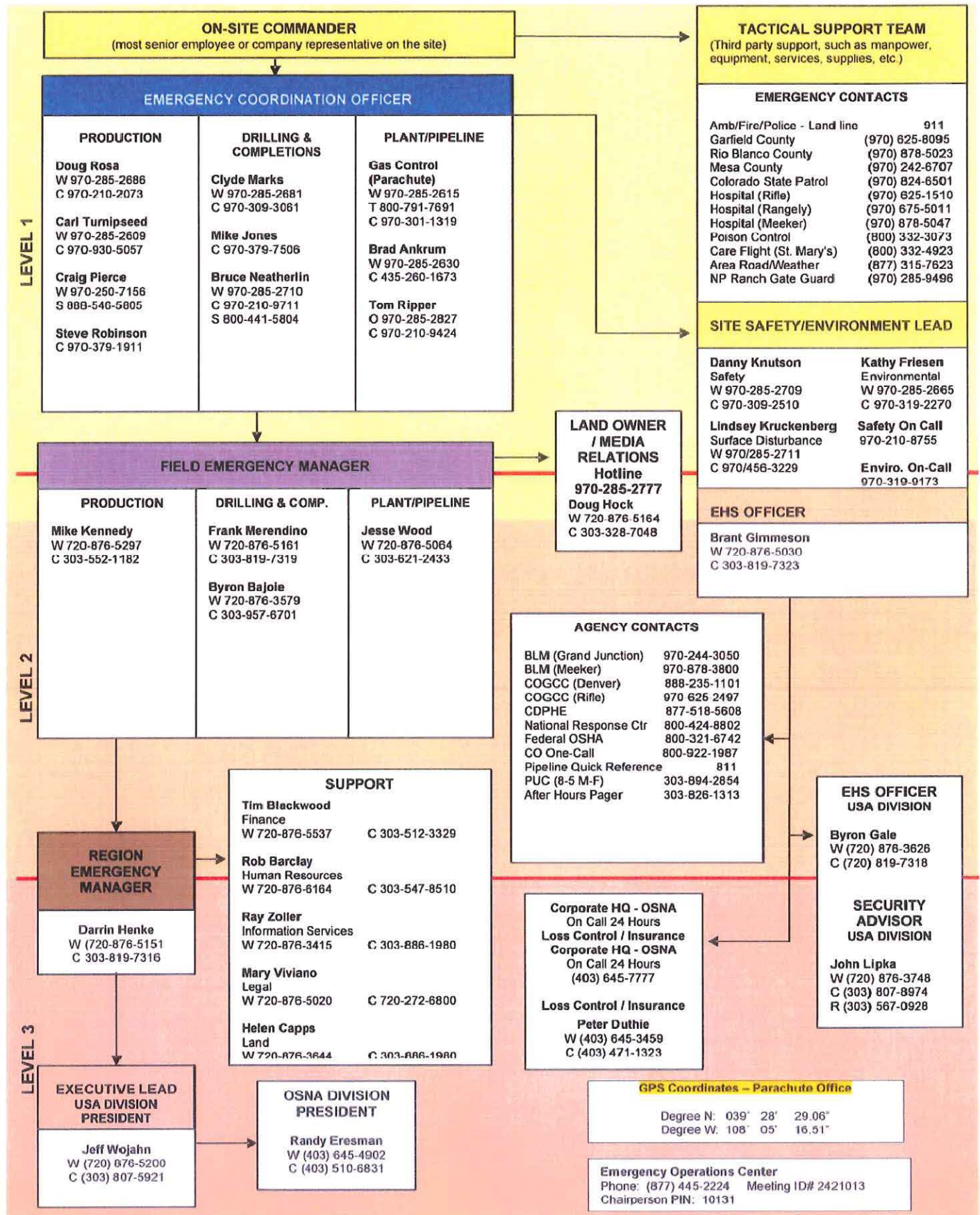
877-315-7623

Poison Control

800-222-1222

Emergency Notification Chart attached

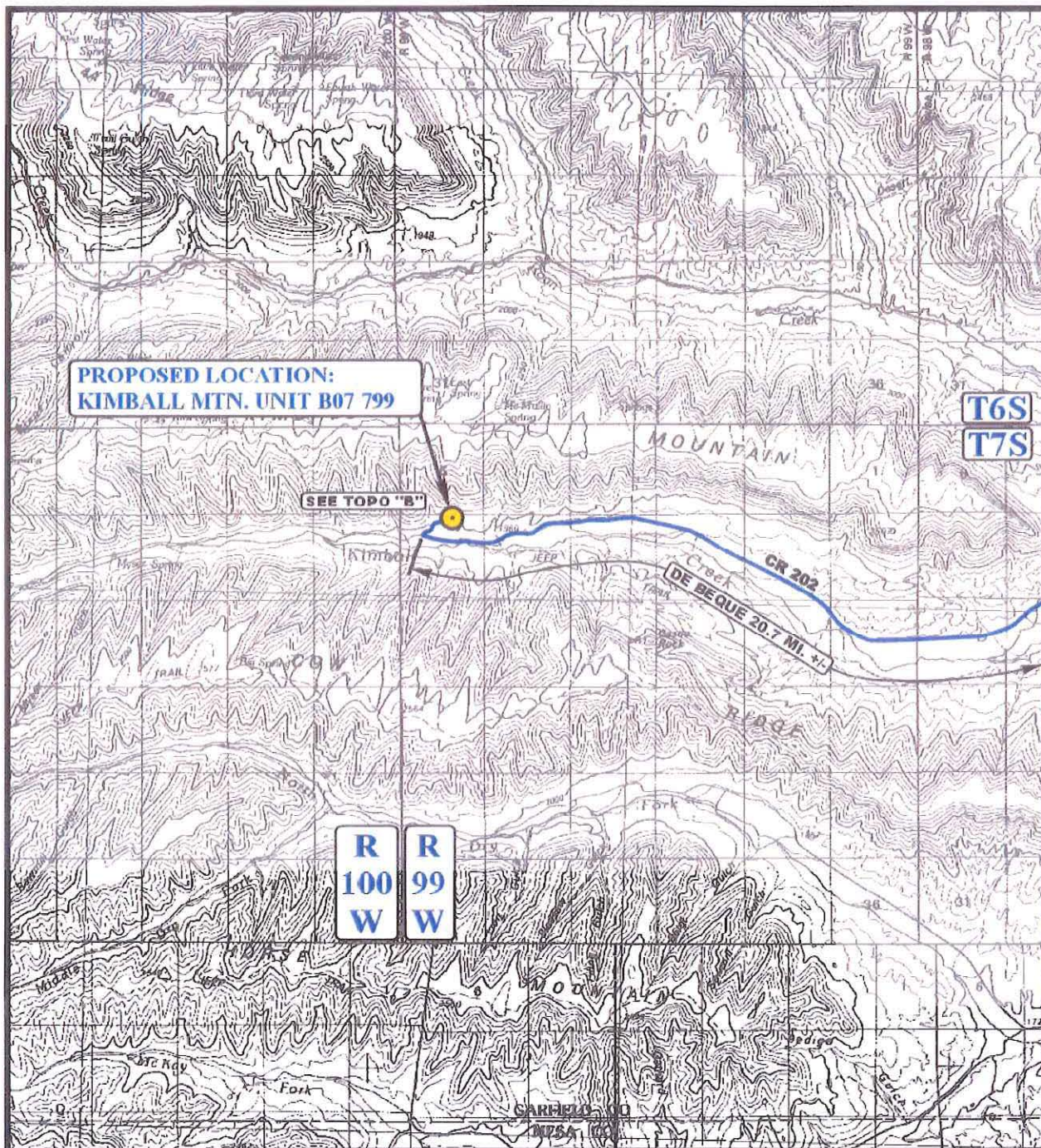
NORTH PICEANCE / Parachute – EMERGENCY NOTIFICATION CHART



**EnCana OIL & GAS (USA) INC.
KIMBALL MTN. UNIT B07 799
SECTION 7, T7S, R99W, 6th P.M.**

PROCEED IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION FROM DE-BEQUE, COLORADO ALONG COUNTY ROAD 204 APPROXIMATELY 10.2 MILES TO THE JUNCTION OF COUNTY ROAD 204 AND COUNTY ROAD 202 TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 10.5 MILES TO THE JUNCTION OF COUNTY ROAD 202 AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.35 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM DE BEQUE, COLORADO TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 21.05 MILES.



LEGEND:

● EXISTING LOCATION



EnCana OIL & GAS (USA) INC.

KIMBALL MTN. UNIT B07 799
SECTION 7, T7S, R99W, 6th P.M.
NW 1/4 NE 1/4



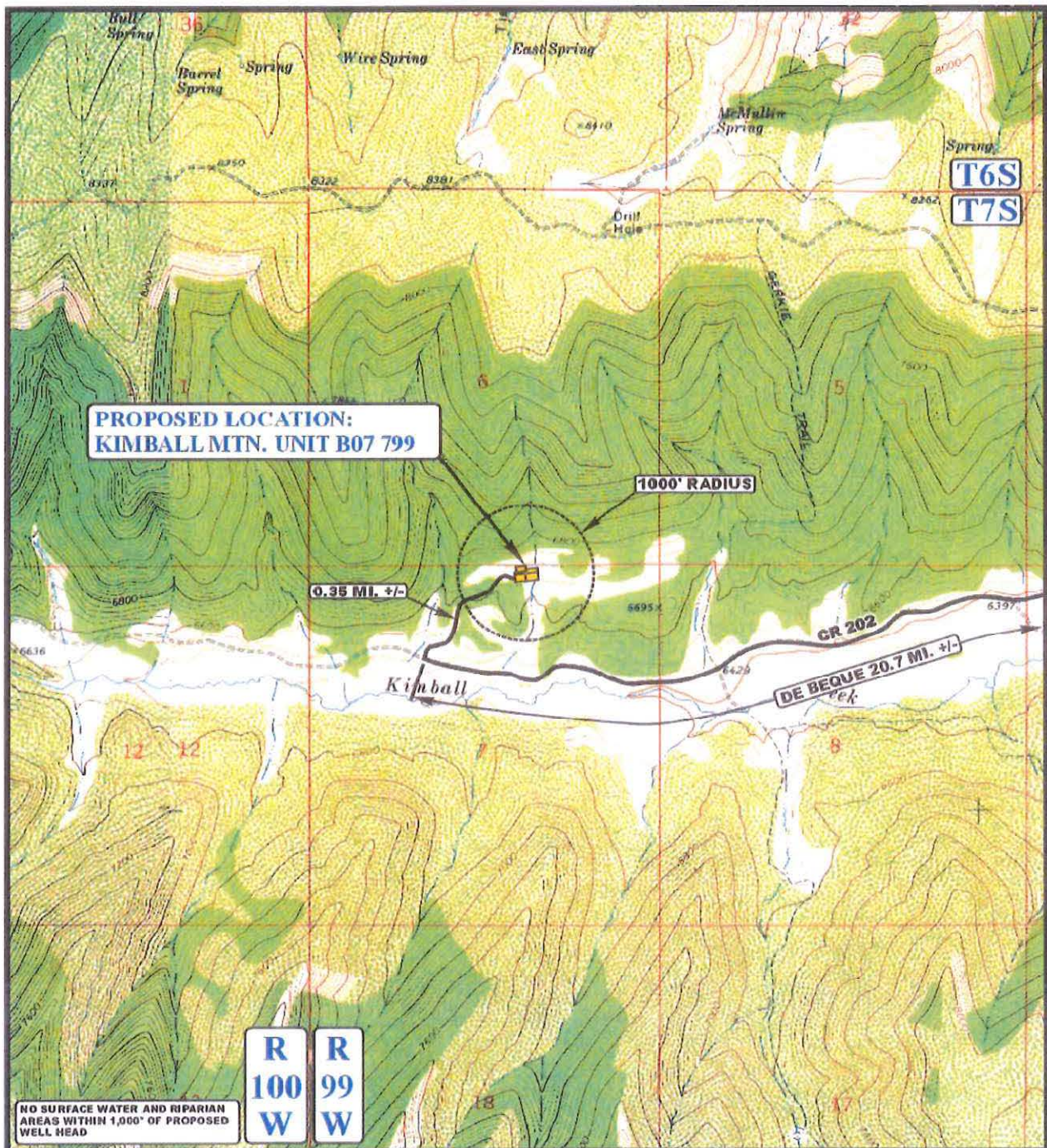
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD
MAP

03 12 10
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





LEGEND:

— EXISTING ROAD

EnCana OIL & GAS (USA) INC.

KIMBALL MTN. UNIT B07 799
SECTION 7, T7S, R99W, 6th P.M.
NW 1/4 NE 1/4



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

03 12 10
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00





SCALE: 1" = 80'
DATE: 03-11-10
DRAWN BY: D.R.B.
Revised: 03-19-10 D.R.B.

EnCana OIL & GAS (USA) INC.

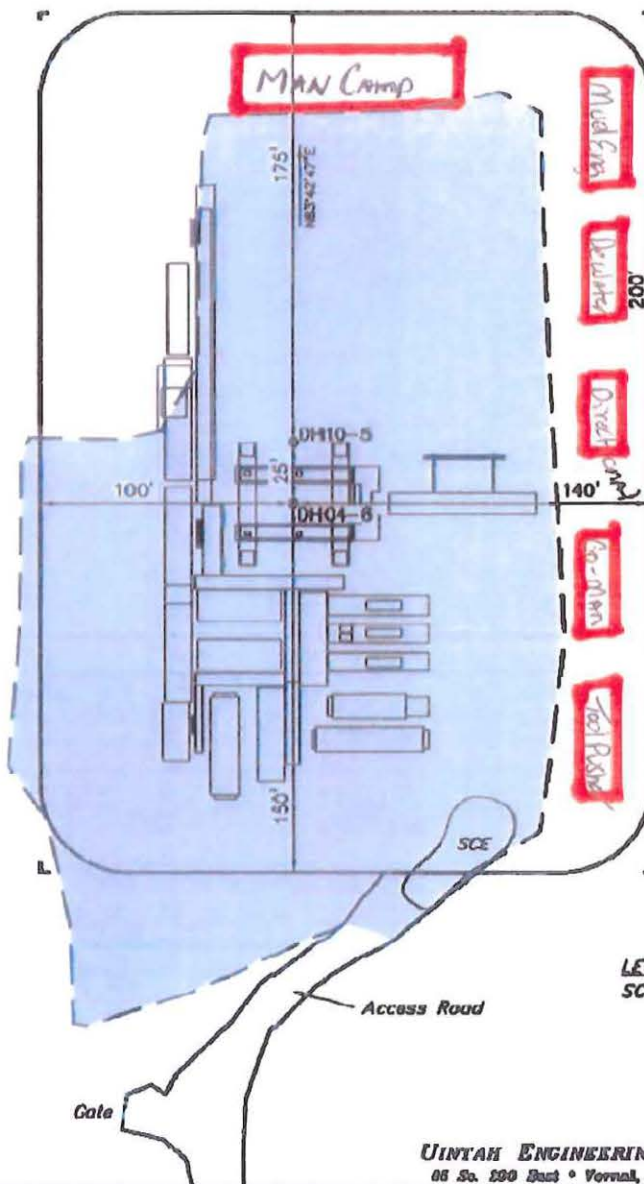
TYPICAL RIG LAYOUT FOR

KIMBALL MTN. UNIT B07 799
SECTION 7, T7S, R99W, 6th P.M.
NW 1/4 NE 1/4

Sheet 5 of 11



Proposed Facilities Layout



LEGEND:
SCE - STABILIZED
CONSTRUCTION
ENTRANCE

UINTAH ENGINEERING & LAND SURVEYING
86 So. 200 East • Vernal, Utah 84078 • (435) 700-1077



EnCana Oil & Gas (USA) Inc.

EnCana Oil & Gas (USA) Inc.
2717 County Road 215
Suite 100
Parachute, CO 81635

tel: (970) 285-2825
fax: (970) 285-2691
renata.busch@encana.com
www.encana.com

May 26, 2010

Fred Jarman
Director / Garfield County Building and Planning Department
108 8th Street, Suite 401
Glenwood Springs, CO 81601


RE: Updated Hauler Affidavit for Minor Temporary Employee Housing on COGCC Approved Well Sites

Dear Mr. Jarman:

Please accept this letter as certification that Artesian Water Service provides potable water hauling services for EnCana.

I certify that Artesian Water Services provides potable water hauling services to EnCana for their temporary housing facilities located in North Piceance. Minor facilities serviced could include the following rigs and/or any additional future rigs: Patterson 303, Patterson 306, Patterson 308 and Nabors M13. The water source is a groundwater well in Mesa County

Registration number is CO # 139156.

	05/26/10
(Signature)	(Date)
Nicholas M. "Mark" Hudson	Owner
(Print Name)	(Title)

Please contact me if you need additional information.

Sincerely,



Renata Busch
Permit Coordinator



EnCana Oil & Gas (USA) Inc.

EnCana Oil & Gas (USA) Inc.
2717 County Road 215
Suite 100
Parachute, CO 81635

tel: (970) 285-2825
fax: (970) 285-2691
renata.busch@encana.com
www.encana.com

March 26, 2010

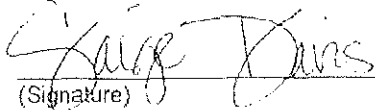
Fred Jarman
Director / Garfield County Building and Planning Department
108 8th Street, Suite 401
Glenwood Springs, CO 81601

RE: Hauler Affidavit for Minor Temporary Employee Housing on COGCC Approved Well Sites

Dear Mr. Jarman,

Please accept this letter as certification that Mountain West Oil Field provides potable water hauling and sewage collection and hauling services for EnCana.

I certify that Mountain West Oil Field provides potable water hauling and sewage collection and hauling services to EnCana for their temporary housing facilities located in North Piceance. This includes rigs: Patterson 303, Patterson 306, Patterson 308 and Nabors M13. The water source is the Rifle Municipal Facility in Rifle, CO. Collected sewage is disposed at the Rifle Waste and Water Treatment Plant in Rifle, CO. Colorado Registration number is: CO # 0252516


(Signature)

3/26/10
(Date)

Please contact me if you need additional information.

Sincerely,

Renata Busch
Permit Coordinator



EnCana Oil & Gas (USA) Inc.

EnCana Oil & Gas (USA) Inc. tel: (970) 285-2825
2717 County Road 215 fax: (970) 285-2891
Suite 100 renata.busch@encana.com
Parachute, CO 81636 www.encana.com

March 27, 2010

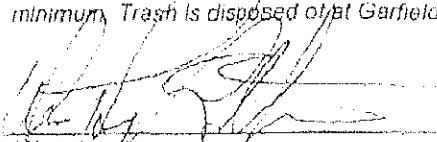
Fred Jarman
Director / Garfield County Building and Planning Department
108 8th Street, Suite 401
Glenwood Springs, CO 81601

RE: Hauler Affidavit for Minor Temporary Employee Housing on COGCC Approved Well Sites

Dear Mr. Jarman:

Please accept this letter as certification that Western Colorado Waste Service, Inc. provides trash collection and removal services for EnCana.

I certify that Western Colorado Waste Service, Inc. provides trash collection and removal services to EnCana for their temporary housing facilities located in North Platteance. This includes trys. Patterson 303, Patterson 306 and Patterson 308. Refuse is disposed of weekly, at a minimum. Trash is disposed of at Garfield County Landfills.


(Signature)

3-29-10
(Date)

Please contact me if you need additional information

Sincerely,

Renata Busch
Permit Coordinator



Entana Oil & Gas (USA) Inc.

Entana Oil & Gas (USA) Inc.
2717 County Road 215
Suite 100
Parachute, CO 81535
Tel: (970) 235-2829
Fax: (970) 235-2891
www.entana.com

March 25, 2010

Fred Jarman
Director / Garfield County Building and Planning Department
108 8th Street, Suite 301
Steamboat Springs, CO 81621

RE: Request Affidavit for Adult Temporary Employee Housing on COGCC Approved Well Sites

Dear Mr. Jarman:

Please accept our sincere appreciation for the excellent services provided by Garfield County Building and Planning Department.

I hereby state that Entana Oil & Gas (USA) Inc. provides trash collection and removal services to Entana for our temporary housing facilities located in North Parachute. Current agreement for services is Nakavik M13. Trash is disposed of weekly in a minimum. Trash is disposed of at Garfield County Landfill.

Signature Date

Please complete if you need additional information

City/State

Name/Title

Name/Title
Phone/Cell/Email

EnCana OIL & GAS (USA) INC.

~~B36 496 MAN CAMP~~

LOCATED IN GARFIELD COUNTY, COLORADO

~~SECTION 36, T4S, R96W, 6th P.M.~~

THIS INSIGNIA IS THE PROPERTY OF THE

STATE OF COLORADO

DIVISION OF HOUSING

THIS NONRESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT
NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

MANUFACTURER(S) NAME: [REDACTED]
PLAN APPROVAL NO.: [REDACTED] UNIT ID#: [REDACTED]
DATE BUILT: [REDACTED] CERTIFICATION NO. FBHR: [REDACTED]

MANUFACTURER CERTIFIES THE FOLLOWING:

ROOF DESIGN LOAD	[REDACTED]	PSF	[REDACTED]	MECHANICAL
WIND SPEED	[REDACTED]	MPH	[REDACTED]	ELECTRICAL
FLOOR DESIGN LOAD	[REDACTED]	PSF	[REDACTED]	PLUMBING
FIRE RATING EXTERIOR WALLS	[REDACTED]	HR	[REDACTED]	BUILDING
FIRE RATING FLOOR	[REDACTED]	HR	[REDACTED]	
FIRE RATING CEILING	[REDACTED]	HR	[REDACTED]	

TAG FOR TRAILER #1

THIS INSIGNIA IS THE PROPERTY OF THE

STATE OF COLORADO

DIVISION OF HOUSING

THIS NONRESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT
NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

MANUFACTURER(S) NAME: [REDACTED]
PLAN APPROVAL NO.: [REDACTED] UNIT ID#: [REDACTED]
DATE BUILT: [REDACTED] CERTIFICATION NO. FBHR: 17579

MANUFACTURER CERTIFIES THE FOLLOWING:

ROOF DESIGN LOAD	[REDACTED]	PSF	[REDACTED]	MECHANICAL
WIND SPEED	[REDACTED]	MPH	[REDACTED]	ELECTRICAL
FLOOR DESIGN LOAD	[REDACTED]	PSF	[REDACTED]	PLUMBING
FIRE RATING EXTERIOR WALLS	[REDACTED]	HR	[REDACTED]	BUILDING
FIRE RATING FLOOR	[REDACTED]	HR	[REDACTED]	
FIRE RATING CEILING	[REDACTED]	HR	[REDACTED]	

TAG FOR TRAILER #2



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

3 23 10
MONTH DAY YEAR

PHOTO

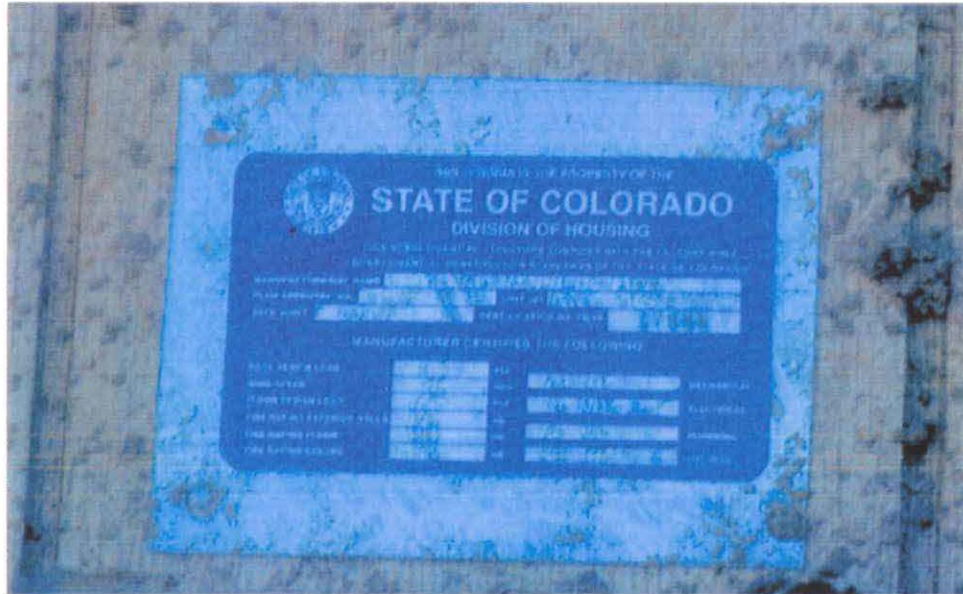
TAKEN BY: D.K. DRAWN BY: J.L.G. REVISED: 00-00-00

EnCana OIL & GAS (USA) INC.

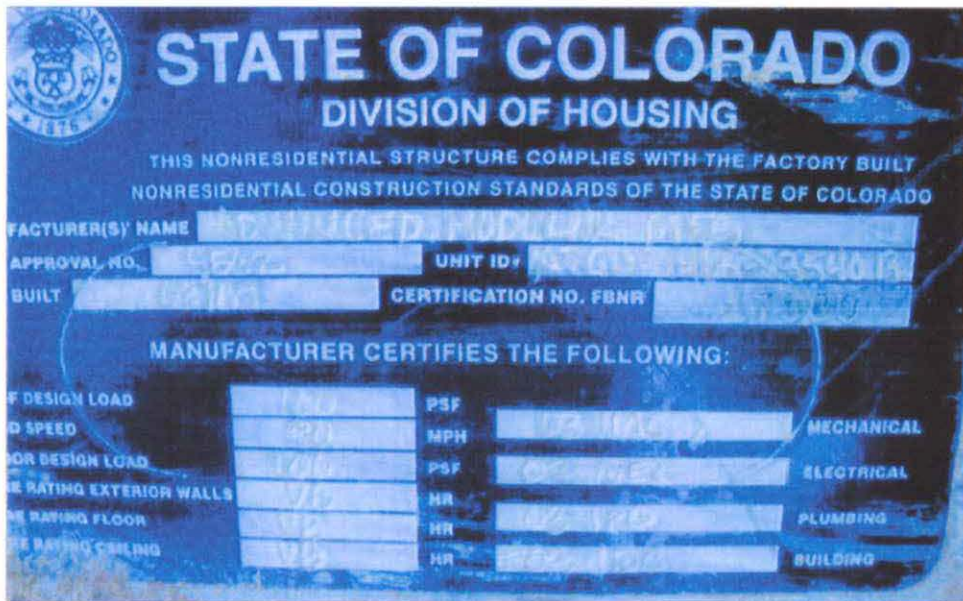
~~B36 496 MAN CAMP~~

LOCATED IN GARFIELD COUNTY, COLORADO

~~SECTION 36, T4S, R96W, 6th P.M.~~



TAG FOR TRAILER #3



TAG FOR TRAILER #4



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

3 23 10
MONTH DAY YEAR

PHOTO

TAKEN BY: D.E. DRAWN BY: J.L.G. REVISED: 00-00-00

~~SECTION 36, T4S, R96W, 6th P.M.~~

TAG FOR TRAILER #5

TAG FOR TRAILER #8

EnCana OIL & GAS (USA) INC.

~~B36 496 MAN CAMP~~

LOCATED IN GARFIELD COUNTY, COLORADO

~~SECTION 36, T4S, R96W, 6th P.M.~~

THIS INSIGNIA IS THE PROPERTY OF THE

STATE OF COLORADO

DIVISION OF HOUSING

THIS NONRESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

MANUFACTURER(S) NAME: _____

PLAN APPROVAL NO. _____ UNIT ID# _____

DATE BUILT: _____ CERTIFICATION NO. FBNR 15162

MANUFACTURER CERTIFIES THE FOLLOWING:

CODES BUILT TO:	
ROOF DESIGN LOAD	PSF
WIND DESIGN PRESSURE	PSF
FLOOR DESIGN LOAD	PSF
FIRE RATING EXTERIOR WALLS	HR
FIRE RATING FLOOR	HR
FIRE RATING CEILING	HR
MECHANICAL	
ELECTRICAL	
PLUMBING	
BUILDING	

TAG FOR TRAILER #9

THIS INSIGNIA IS THE PROPERTY OF THE

STATE OF COLORADO

DIVISION OF HOUSING

THIS NONRESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT NONRESIDENTIAL CONSTRUCTION STANDARDS OF THE STATE OF COLORADO

MANUFACTURER(S) NAME: _____

PLAN APPROVAL NO. _____ UNIT ID# _____

DATE BUILT: _____ CERTIFICATION NO. FBNR _____

MANUFACTURER CERTIFIES THE FOLLOWING:

CODES BUILT TO:	
ROOF DESIGN LOAD	PSF
WIND SPEED	MPH
FLOOR DESIGN LOAD	PSF
FIRE RATING EXTERIOR WALLS	HR
FIRE RATING FLOOR	HR
FIRE RATING CEILING	HR
MECHANICAL	
ELECTRICAL	
PLUMBING	
BUILDING	

TAG FOR TRAILER #11



UELS Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

3 23 10
MONTH DAY YEAR

PHOTO

TAKEN BY: D.E. DRAWN BY: J.L.G. REVISED: 00-00-00

EnCana OIL & GAS (USA) INC.

~~B36 496 MAN CAMP~~

LOCATED IN GARFIELD COUNTY, COLORADO

~~SECTION 36, T4S, R96W, 6th P.M.~~

THIS INSIGNIA IS THE PROPERTY OF THE

STATE OF COLORADO

DIVISION OF HOUSING

THIS NONRESIDENTIAL STRUCTURE COMPLIES WITH THE FACTORY BUILT
NONRESIDENTIAL STRUCTURE STANDARDS OF THE STATE OF COLORADO

MANUFACTURER(S) NAME: ADVANCED FORMER PFG

PLAN APPROVAL NO.: 15853 UNIT ID: 15741-235th

DATE BUILT: 06/15/10 CERTIFICATION NO.: FBNR 15741

MANUFACTURER CERTIFIES THE FOLLOWING:

		CODES BUILT TO:	
ROOF DESIGN LOAD	<u>20</u> PSF	<u>ASIMC</u>	MECHANICAL
WIND DESIGN PRESSURE	<u>20</u> PSF	<u>ASIMC</u>	ELECTRICAL
FLOOR DESIGN LOAD	<u>50</u> PSF	<u>ASIMC</u>	PLUMBING
FIRE RATING EXTERIOR WALLS	<u>1</u> HR	<u>ASIMC</u>	BUILDING
FIRE RATING FLOOR	<u>1</u> HR		
FIRE RATING CEILING	<u>1</u> HR		

TAG FOR TRAILER #12



UELS

Utah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTO

3 23 10
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K. DRAWN BY: J.L.G. REVISED: 00-00-00

Account: R290158Location**Owner Name** ENCANA OIL & GAS (USA) INC.**Parcel Number** 2415-041-00-001**Tax Area** 029 - J-49HBDF - 029**Situs Address**Owner Information**Owner Name** ENCANA OIL & GAS (USA) INC.**Owner Address** C/O K.E. ANDREWS & COMPANY
3615 S. HURON STREET, SUITE 200.
ENGLEWOOD, CO 80110Assessment History**Actual (2009)** \$1,131,020**Primary Taxable** \$328,000**Tax Area: 029 Mill Levy: 28.6170****Type Actual - Assessed Acres****Land \$1,131,020 \$328,000 10282.000**Sibling Account No**Legal Summary** Section: 4 Township: 7
Range: 99 SEC 31-6-99 NE, E1/2NW,
NESW, N1/2SE, LOT 5-11 SEC 32 N1/2,
N1/2S1/2 LOT 1-4 SEC. 33 N1/2, N1/2S1/2,
LOT 1-4 SEC. 34 NENE, NWNWNE,
S1/2NWNW, S1/2NE, NENW, NW,
S1/2NWNW, NENW, S1/2NW, N1/2S1/2
LOT 1-4 SEC 35 NE, SENENW, NWNW,
S1/2NW, N1/2S1/2 LOTS 1-4 SEC. 36
S1/2NENE, S1/2NWNW, S1/2NE,
W1/2NENW, E1/2NWNW, S1/2NW,
N1/2S1/2, LOTS 1-4 SEC. 1-7-99 SWNE
LOT 9,12-15 S1/2NW 7, LOT 8 SW,
W1/2SE, 10,11 SEC. 2 S1/2NE LOT 5,6
S1/2NW TR 37 LOT 7 S1/2 SEC.
S1/2NE, LOTS 5,6 S1/2NW LOTS 8-11
N1/2SW, N1/2S1/2SW N1/2S1/2S1/2SW, SE
SEC. 4 S1/2NE LOTS 6,9,10,11 S1/2NW,
LOTS 7,8 SW, N1/2SE, N1/2S1/2SE,
N1/2S1/2- S1/2 SE SEC. 5 S1/2NE, LOTS
5,6 S1/2NW LOTS 7,8 S1 SEC. 6 S1/2NE
LOTS 8,9 SENW LOTS 10-14 SE SEC. 7
N1/2NE, NENW LOT 5 SEC 8 NWNE,
N1/2NW SEC 9 N1/2NW SEC. 10 E1/2NE,
NWNE SEC. 11 N1/2NE, N1/2S1/2NE,
N1/2S1/2S1/2NE, N1/2NW, N1/2S1/2NW,
N1/2S1/2S1/2NW SEC. 12 W1/2NE LOT 1,2
NW, W1/2SE LOTS 3,4 SEC. 5- 7-98 SW
SEC. 6 SENW LOTS 3-5 E1/2SW 6,7 SE
SEC. 7 NE, E1/2NW LOTS 1,2 NESW,
N1/2SESW LOTS 3,4 N1/2SE N1/2S1/2SE
SEC. 8 NW, N1/2SW AKA STANDARD
SHAPE CLAIMS 17-22,24-28 GM OIL
SHAPE CLAIMS 36-64,67-95Transfers

Sale Price	Sale Date	Doc Type	Book Page
	<u>12/22/2004</u>	CER	B: 1658 P: 811
	<u>03/19/2003</u>	CWD	B: 1457 P: 937
	<u>05/31/2002</u>	SWD	B: 1360 P: 988
	<u>12/02/1999</u>	Deeds	B: 1165 P: 963

Tax HistoryImages

Tax Year	Taxes
*2010	\$9,386.36
2009	\$9,386.36

• GIS

* Estimated

Denver 038111.

The United States of America,

To all to whom these presents shall come, Greeting:

WHEREAS, in pursuance of the provisions of the Revised Statutes of the United States, Chapter Six, Title Thirty-two, and legislation supplemental thereto, there has been deposited in the General Land Office of the United States the Certificate of the Register of the Land Office at Denver, Colorado,

accompanied by other evidence, whereby it appears that

The Standard Shale Products Company,

did, on January 19, 1928,

duly enter and pay for that certain mining claim or premises,

known as the G.M. Oil Shale No. 36, G. M. Oil Shale No. 37, G. M. Oil Shale No. 38, G. M. Oil Shale No. 45, G. M. Oil Shale No. 46, G. M. Oil Shale No. 47, G. M. Oil Shale No. 48, G. M. Oil Shale No. 49, G. M. Oil Shale No. 50, G. M. Oil Shale No. 51, G. M. Oil Shale No. 52, G. M. Oil Shale No. 53, G. M. Oil Shale No. 54, G. M. Oil Shale No. 55, G. M. Oil Shale No. 56, G. M. Oil Shale No. 57, G. M. Oil Shale No. 58, G. M. Oil Shale No. 59, G. M. Oil Shale No. 60, G. M. Oil Shale No. 61, G. M. Oil Shale No. 62, G. M. Oil Shale No. 63, G. M. Oil Shale No. 64, G. M. Oil Shale No. 67, G. M. Oil Shale No. 68, G. M. Oil Shale No. 69, G. M. Oil Shale No. 70, G. M. Oil Shale No. 71, G. M. Oil Shale No. 72, G. M. Oil Shale No. 73, G. M. Oil Shale No. 74, G. M. Oil Shale No. 75, G. M. Oil Shale No. 76, G. M. Oil Shale No. 77, G. M. Oil Shale No. 78, G. M. Oil Shale No. 79, G. M. Oil Shale No. 80, G. M. Oil Shale No. 81, G. M. Oil Shale No. 82, G. M. Oil Shale No. 83, G. M. Oil Shale No. 84, G. M. Oil Shale No. 85, G. M. Oil Shale No. 86, G. M. Oil Shale No. 87, G. M. Oil Shale No. 88, G. M. Oil Shale No. 89, G. M. Oil Shale No. 90, G. M. Oil Shale No. 91, G. M. Oil Shale No. 92, G. M. Oil Shale No. 93, G. M. Oil Shale No. 94, G. M. Oil Shale No. 95, Standard Shale No. 17, Standard Shale No. 18, Standard Shale No. 19, Standard Shale No. 20, Standard Shale No. 21, Standard Shale No. 22, Standard Shale

RECORD OF PATENTS: Patent Number

1024662

GPO 2-3250

Denver 038111.

No. 24, Standard Shale No. 25, Standard Shale No. 26, Standard Shale No. 27, and Standard Shale No. 28 placer mining claims, situate in the Mount Logan Mining District, Garfield County, Colorado, described as follows; the G. M. Oil Shale No. 36 claim comprising the Lots ten, eleven, and twelve, the north half of the southeast quarter of the northwest quarter, and the north half of the south half of the southeast quarter of the northwest quarter of Section six in Township seven south of Range ninety-nine west of the Sixth Principal Meridian; the G. M. Oil Shale No. 37 claim comprising the Lots eight and nine, the north half of the south half of the northeast quarter, and the north half of the south half of the south half of the northeast quarter of said Section six; the G. M. Oil Shale No. 38 claim comprising the Lots seven and eight, the north half of the south half of the northwest quarter, and the north half of the south half of the south half of the northwest quarter of Section five, said Township and Range; the G. M. Oil Shale No. 45 claim comprising the Lots five and six, the north half of the south half of the northeast quarter, and the north half of the south half of the south half of the northeast quarter of Section Two said Township and Range; and the west half of the west half of the southwest quarter of the northwest quarter of Section one, said Township and Range; the G. M. Oil Shale No. 46 claim comprising the Lots seven and eight, the east half of the west half of the southwest quarter of the northwest quarter, the east half of the southwest quarter of the northwest quarter, and the southeast quarter of the northwest quarter of said Section one; the G. M. Oil Shale No. 47 claim comprising the Lots thirteen, fifteen, and nine, the southwest quarter of the northeast quarter, and the north half of the northwest quarter of the northwest quarter of the southeast quarter of said Section one; the G. M. Oil Shale No. 48 claim comprising the Lots ten and eleven, the southwest quarter of the southeast

Denver 0381111.

quarter, the south half of the northwest quarter of the southeast quarter, the south half of the northwest quarter of the northwest quarter of the southeast quarter, and the northeast quarter of the northwest quarter of the southeast quarter of said Section one; the G. M. Oil Shale No. 49 claim comprising the southwest quarter of said Section one; the G. M. Oil Shale No. 50 claim comprising the south half of the south half of the south half of the northeast quarter, the north half of the southeast quarter, the north half of the south half of the southeast quarter, and the north half of the south half of the south half of the southeast quarter of said Section two; the G. M. Oil Shale No. 51 claim comprising the south half of the south half of the south half of the northwest quarter, the north half of the southwest quarter, the north half of the south half of the southwest quarter, and the north half of the south half of the south half of the southwest quarter of said Section two; the G. M. Oil Shale No. 52 claim comprising the south half of the south half of the south half of the northeast quarter, the north half of the southeast quarter, the north half of the south half of the southeast quarter, and the north half of the south half of the southeast quarter of Section three, said Township and Range; the G. M. Oil Shale No. 53 claim comprising the south half of the south half of the south half of the northwest quarter, the north half of the southwest quarter, the north half of the south half of the southwest quarter, and the north half of the south half of the south half of the southwest quarter of said Section three; the G. M. Oil Shale No. 54 claim comprising the south half of the south half of the south half of the northeast quarter, the north half of the southeast quarter, the north half of the south half of the southeast quarter, and the north half of the south half of the south half of the southeast quarter of Section four, said Township and Range; the G. M. Oil Shale No. 55 claim

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comprising the south half of the south half of the south half of the northwest quarter, the north half of the southwest quarter, the north half of the south half of the southwest quarter, and the north half of the south half of the south half of the southwest quarter of said Section four; the G.M. Oil Shale No. 56 claim comprising the south half of the south half of the south half of the northeast quarter, the north half of the southeast quarter, the north half of the south half of the southeast quarter, and the north half of the south half of the south half of the southeast quarter of Section five, said Township and Range; the G.M. Oil Shale No. 57 claim comprising the south half of the south half of the south half of the northwest quarter, the north half of the southwest quarter, the north half of the south half of the southwest quarter, and the north half of the south half of the south half of the southwest quarter of said Section five; the G.M. Oil Shale No. 58 claim comprising the south half of the south half of the south half of the northeast quarter, the north half of the southeast quarter, the north half of the south half of the southeast quarter, and the north half of the south half of the south half of the southeast quarter of said Section six; the G. M. Oil Shale No. 59 claim comprising the Lots thirteen and fourteen, the south half of the south half of the southeast quarter of the northwest quarter, and the east half of the southwest quarter of said Section six; the G. M. Oil Shale No. 60 claim comprising the Lot five and the northeast quarter of the northwest quarter of Section seven, said Township and Range; the G. M. Oil Shale No. 61 claim comprising the south half of the south half of the south half of the southeast quarter of said Section six and the north half of the northeast quarter of said Section seven; the G. M. Oil Shale No. 62 claim comprising the south half of the south half of the south half of the southwest quarter of said Section five; and the north half of the northwest quarter of Section eight, said Township and Range; the G. M. Oil

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Shale No. 63 claim comprising the south half of the south half of the south half of the southeast quarter of said Section five and the northwest quarter of the northeast quarter of said Section eight; the G. M. Oil Shale No. 64 claim comprising the south half of the south half of the south half of the southwest quarter of said Section four and the north half of the northwest quarter of Section nine, said Township and Range; the G. M. Oil Shale No. 67 claim comprising the south half of the south half of the south half of the southeast quarter of said Section three and the north half of the northeast quarter and the southeast quarter of the northeast quarter of Section ten, said Township and Range; the G. M. Oil Shale No. 68 claim comprising the south half of the south half of the south half of the southwest quarter of said Section two; and the north half of the northwest quarter, the north half of the south half of the northwest quarter, and the north half of the south half of the south half of the northwest quarter of Section eleven, said Township and Range; the G. M. Oil Shale No. 69 claim comprising the south half of the south half of the south half of the southeast quarter of said Section two and the north half of the northeast quarter, the north half of the south half of the northeast quarter, and the north half of the south half of the south half of the northeast quarter of said Section eleven; the G. M. Oil Shale No. 70 claim comprising the northwest quarter of Section twelve, said Township and Range; the G. M. Oil Shale No. 71 claim comprising the Lots one and two and the west half of the northeast quarter of said Section twelve; the G. M. Oil Shale No. 72 claim comprising the Lots five and six and the east half of the northwest quarter of Section thirty-one in Township six south of Range ninety-nine west of the Sixth Principal Meridian; the G. M. Oil Shale No. 73 claim comprising the northeast quarter of said Section thirty-one; the G. M. Oil Shale No. 74 claim comprising the Lots seven,

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eight, and nine and the northeast quarter of the southwest quarter of said Section thirty-one; the G. M. Oil Shale No. 75 claim comprising the Lots ten and eleven and the north half of the southeast quarter of said Section thirty-one; the G. M. Oil Shale No. 76 claim, comprising the northwest quarter of Section thirty-two, said Township six south of Range ninety-nine west of the Sixth Principal Meridian; the G. M. Oil Shale No. 77 claim comprising the northeast quarter of said Section thirty-two; the G. M. Oil Shale No. 78 claim comprising the Lots one and two and the north half of the southwest quarter of said Section thirty-two; the G. M. Oil Shale No. 79 claim comprising the Lots three and four and the north half of the southeast quarter of said Section thirty-two; the G. M. Oil Shale No. 80 claim comprising the northwest quarter of Section thirty-three, said Township six south of Range ninety-nine west of the Sixth Principal Meridian; the G. M. Oil Shale No. 81 claim comprising the northeast quarter of said Section thirty-three; the G. M. Oil Shale No. 82 claim comprising the Lots one and two and the north half of the southwest quarter of said Section thirty-three; the G. M. Oil Shale No. 83 claim comprising the Lots three and four and the north half of the southeast quarter of said Section thirty-three; the G. M. Oil Shale No. 84 claim comprising the northeast quarter of the northwest quarter of the northwest quarter, the south half of the northwest quarter of the northwest quarter, the northeast quarter of the northwest quarter, and the south half of the northwest quarter of Section thirty-four, said Township Six south of Range ninety-nine west of the Sixth Principal Meridian; the G. M. Oil Shale No. 85 claim comprising the northwest quarter of the northwest quarter of the northeast quarter, the south half of the northwest quarter of the northeast quarter, the northeast quarter of the northeast quarter, and the south half of the northeast quarter of said Section thirty-four;

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the G. M. Oil Shale No. 86 claim comprising the Lots one and two and the north half of the southwest quarter of said Section thirty-four; the G. M. Oil Shale No. 87 claim comprising the Lots three and four and the north half of the southeast quarter of said Section thirty-four; the G. M. Oil Shale No. 88 claim comprising the southeast quarter of the northeast quarter of the northwest quarter, the northwest quarter of the northwest quarter, and the south half of the northwest quarter of Section thirty-five, said Township six south of Range ninety-nine west of the Sixth Principal Meridian; the G. M. Oil Shale No. 89 claim comprising the northeast quarter of said Section thirty-five; the G. M. Oil Shale No. 90 claim comprising the Lots one and two and the north half of the southwest quarter of said Section thirty-five; the G. M. Oil Shale No. 91 claim comprising the Lots three and four and the north half of the southeast quarter of said Section thirty-five; the G. M. Oil Shale No. 92 claim comprising the east half of the northwest quarter of the northwest quarter, the west half of the northeast quarter of the northwest quarter, and the south half of the northwest quarter of Section thirty-six, said Township six south of Range ninety-nine west of the Sixth Principal Meridian; the G. M. Oil Shale No. 93 claim comprising the south half of the north half of the northeast quarter, the south half of the northeast quarter, and the north half of the north half of the north half of the southeast quarter of said Section thirty-six; the G. M. Oil Shale No. 94 claim comprising the Lots one and two and the north half of the southwest quarter of said Section thirty-six; the G. M. Oil Shale No. 95 claim comprising the Lots three and four, the south half of the north half of the north half of the southeast quarter and the south half of the north half of the southeast quarter of said Section thirty-six and the Lots twelve and fourteen of said Section one; the Standard Shale No. 17 claim comprising the Lots six and seven

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and the east half of the southwest quarter of Section six in Township seven south of Range ninety-eight west of the Sixth Principal Meridian; the Standard Shale No. 18 claim comprising the southeast quarter of Section six, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian; the Standard Shale No. 19 claim comprising the southwest quarter of Section five, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian; the Standard Shale No. 20 claim comprising the northwest quarter of Section eight, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian; the Standard Shale No. 21 claim comprising the northeast quarter of Section seven, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian; the Standard Shale No. 22 claim comprising the Lots one and two and the east half of the northwest quarter of Section seven, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian; the Standard Shale No. 24 claim comprising the Lots three, four, and five and the southeast quarter of the northwest quarter of Section six said Township seven south of Range ninety-eight west of the Sixth Principal Meridian; the Standard Shale No. 25 claim comprising the north half of the southwest quarter of Section eight, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian; the Standard Shale No. 26 claim comprising the north half of the southeast quarter and the north half of the south half of the southeast quarter of Section seven, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian; the Standard Shale No. 27 claim comprising the Lots three and four, the northeast quarter of the southwest quarter, and the north half of the southeast quarter of the southwest quarter of Section seven, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian; and the

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Standard Shale No. 28 claim comprising the Lots three and four and the west half of the southeast quarter of said Section twelve; the premises herein granted, containing nine thousand three hundred fifty-four acres and fifty-two hundredths of an acre.

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NOW KNOW YE, That there is, therefore, pursuant to the laws aforesaid, hereby granted by the United States unto the said

The Standard Shale Products Company

, the said placer mining premises hereinbefore described;

TO HAVE AND TO HOLD said mining premises, together with all the rights, privileges, immunities, and appurtenances of whatsoever nature thereunto belonging, unto the said grantee above named and to **its successors** and assigns forever; subject nevertheless to the following conditions and stipulations:

FIRST. That the grant hereby made is restricted in its exterior limits to the boundaries of the said mining premises, and to any veins or lodes of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin, copper, or other valuable deposits, which may have been discovered within said limits subsequent to and which were not known to exist on **July 10, 1926.**

SECOND. That should any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin, copper, or other valuable deposits, be claimed or known to exist within the above-described premises at said last-named date, the same is expressly excepted and excluded from these presents.

THIRD. That the premises hereby conveyed shall be held subject to any vested and accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights as may be recognized and acknowledged by the local laws, customs, and decisions of the courts. And there is reserved from the lands hereby granted a right of way thereon for ditches or canals constructed by the authority of the United States.

FOURTH. That in the absence of necessary legislation by Congress, the Legislature of **Colorado** may provide rules for working the mining claim or premises hereby granted, involving easements, drainage, and other necessary means to the complete development thereof.

IN TESTIMONY WHEREOF, I, **Herbert Hoover,**

President of the United States of America, have caused these letters to be made Patent, and the Seal of the General Land Office to be hereunto affixed.

GIVEN under my hand, at the City of Washington, the **TWENTIETH**

[SEAL]

day of **MARCH** in the year of our Lord one thousandnine hundred and **TWENTY-NINE** and of the Independence of theUnited States the one hundred and **FIFTY-THIRD**

By the President:

By

*Herbert Hoover**Viola B. Cough*

Secretary

M. P. LeRoy

Recorder of the General Land Office

RECORD OF PATENTS: Patent Number **1024662**



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7093
www.blm.gov/co



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2000

MAY 12 2010

Mr. Spencer Booth
Encana Oil and Gas Company
370 17th Street
Suite 1700
Denver, Colorado 80202

Dear Mr. Booth:

Thank you for calling attention to the ambiguity in the description of the geographical position of Oil Shale Placer Claim No. 28 in Patent No. 1024662. We have issued a document supplemental to the patent to clearly show that the claim occupies lots 3, 4 and the W1/2SE1/4 of section 12, T. 7 S., R. 99 W., Sixth Principal Meridian, Colorado. A copy of the document is enclosed. The original document is being recorded with the Office of the Clerk and Recorder, Garfield County, Glenwood Springs, Colorado.

Sincerely,

John D. Beck, Chief
Branch of Lands and Realty

Enclosure

The United States of America

To all to whom these presents shall come, Greeting:

WHEREAS, the Bureau of Land Management has been delegated authority under Section 316 of the Federal Land Policy and Management Act of October 21, 1976 (43 U.S.C. 1746) to correct previously issued patents where necessary to eliminate errors, and

WHEREAS, the Bureau of Land Management has determined with respect to Standard Shale No. 28 oil shale placer mining claim, that there is an ambiguity in pages 8 and 9 of Patent No. 1024662 issued on March 20, 1929, under Mineral Patent Application Serial Number Denver 038111, as to the township and range the claim occupied. Examination of official records of the Bureau of Land Management confirms that said placer mining claim is properly described as lots 3 and 4 and the W $\frac{1}{2}$ SE $\frac{1}{4}$ of section 12, T. 7 S., R. 99 W., Sixth Principal Meridian, Colorado.

This patent is supplemental to Patent No. 1024662, issued March 20, 1929, solely for the purpose of clarifying an ambiguity in the legal description of the Standard Shale No. 28 oil shale placer mining claim at pages 8 and 9 of said Patent.

IN TESTIMONY WHEREOF, the undersigned authorized officer of the Bureau of Land Management, in accordance with the provisions of the Act of June 17, 1948 (62 Stat. 476), has, in the name of the United States, caused these letters to be made Patent, and the Seal of the Bureau, to be hereunto affixed.

[SEAL]

GIVEN under my hand, in the FIFTH day of MAY in the year of our Lord two thousand and TEN and the Independence of the United States the two hundred and THIRTY-FOURTH.

/s/ John D. Beck

By John D. Beck
Chief, Branch of Lands and Realty

05-2010-0009

Patent Number

Act of 1933, 48 Stat. 1009, 30 U.S.C. 232-237, and Chapter Six, Title Thirty-two of the Revised Statutes of the United States, there has been deposited in the General Land Office of the United States, the Certificate of the Register of the Land Office at Denver, Colorado, accompanied by other evidence, whereby it appears that Charlie Allen, on May 9, 1928 duly entered and paid for that certain mining claim or premises known as the A. P. No. 2, A. P. No. 3, A. P. No. 4, A. P. No. 5, A. P. No. 6, A. P. No. 7, A. P. No. 8, and A. P. No. 9 oil shale placer mining claims, situated in the Parkshute Mining District, Garfield County, Colorado, described as follows: the A. P. No. 2 claim comprising the south half of the north half of Section three in Township five south of Range ninety-five west of the sixth Principal Meridian; the A. P. No. 3 claim comprising the north half of the south half of said section; the A. P. No. 4 claim comprising the south half of the south half of said section; the A. P. No. 5 claim comprising the north half of the north half of said section; the A. P. No. 6 claim comprising the south half of the north half of said section; the A. P. No. 7 claim comprising the north half of the south half of said section; the A. P. No. 8 claim comprising the south half of the south half of said section; and the A. P. No. 9 claim comprising the north half of the north half of said section; the premises herein granted, containing one thousand two hundred eighty acres.

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NOW KNOW YE, That there is, therefore, pursuant to the laws aforesaid, hereby granted by the United States unto the said Charlie Allen the said placer mining premises hereinbefore described.

TO HAVE AND TO HOLD said mining premises, together with all the rights, privileges, immunities, and appurtenances of whatsoever nature thereto belonging, unto the said grantee above named and to his heirs and assigns forever; subject nevertheless to the following conditions and stipulations:

FIRST. That the grant hereby made is restricted in its exterior limits to the boundaries of the said mining premises, and to any veins or lodes of quartz or other rocks in place bearing gold, silver, platinum, lead, tin, copper, or other valuable deposits, which may have been discovered within said limits subsequent to and which were not known to exist on October 7, 1928.

SECOND. That should any vein or lode of quartz or other rock in place bearing gold, silver, platinum, lead, tin, copper, or other valuable deposits, be claimed or known to exist within the above-described premises at said last-named date, the same is expressly accepted and included from these presents.

THIRD. That the premises hereby conveyed shall be held subject to any vested and accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights as may be recognized and acknowledged by the local laws, customs, and decisions of the courts. And there is reserved from the lands hereby granted a right of way thereon for ditches or canals constructed by the authority of the United States.

FOURTH. That in the absence of necessary legislation by Congress, the Legislature of Colorado may provide rules for working the mining claim or premises hereby granted, involving assessments, drainage, and other necessary means to the complete development thereof.

IN TESTIMONY WHEREOF, I, Herbert Hoover, President of the United States of America, have caused these letters to be made Patent, and the Seal of the General Land Office to be hereunto affixed.

Given under my hand at the City of Washington, the twenty-fourth day of May in the year of our Lord one thousand nine hundred and thirty and of the Independence of the United States the one hundred and thirty-fourth.

By the President Herbert Hoover

By Viola R. Fugh, Secretary

M. P. Litch
Recorder of the General Land Office

Recorded: Patent Number 1037681

FILED FOR RECORD: JUNE 5, 1930 AT 1:40 O'CLOCK P.M. WALTER J. FROGE, DEPUTY CLERK

No. 107179

Denver 0356111

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME: GREETING:

WHEREAS, in pursuance of the provisions of the Revised Statutes of the United States, Chapter Six, Title Thirty-two and legislation supplemental thereto, there has been deposited in the General Land Office of the United States, the Certificate of the Register of the Land Office at Denver, Colorado, accompanied by other evidence, whereby it appears that The Standard Shale Products Company did, on January 19, 1928 duly enter and pay for that certain mining claim or premises, known as the O. K. Oil Shale No. 39, O. K. Oil Shale No. 40 O. K. Oil Shale No. 41, O. K. Oil Shale No. 42, O. K. Oil Shale No. 43, O. K. Oil Shale No. 44, O. K. Oil Shale No. 45, O. K. Oil Shale No. 46, O. K. Oil Shale No. 47, O. K. Oil Shale No. 48, O. K. Oil Shale No. 49, O. K. Oil Shale No. 50, O. K. Oil Shale No. 51, O. K. Oil Shale No. 52, O. K. Oil Shale No. 53, O. K. Oil Shale No. 54, O. K. Oil Shale No. 55, O. K. Oil Shale No. 56, O. K. Oil Shale No. 57, O. K. Oil Shale No. 58, O. K. Oil Shale No. 59, O. K. Oil Shale No. 60, O. K. Oil Shale No. 61, O. K. Oil Shale No. 62, O. K. Oil Shale No. 63, O. K. Oil Shale No. 64, O. K. Oil Shale No. 65, O. K. Oil Shale No. 66, O. K. Oil Shale No. 67, O. K. Oil Shale No. 68, O. K. Oil Shale No. 69, O. K. Oil Shale No. 70, O. K. Oil Shale No. 71, O. K. Oil Shale No. 72, O. K. Oil Shale No. 73, O. K. Oil Shale No. 74, O. K. Oil Shale No. 75, O. K. Oil Shale No. 76, O. K. Oil Shale No. 77, O. K. Oil Shale No. 78, O. K. Oil Shale No. 79, O. K. Oil Shale No. 80, O. K. Oil Shale No. 81, O. K. Oil Shale No. 82, O. K. Oil Shale No. 83, O. K. Oil Shale No. 84, O. K. Oil Shale No. 85, O. K. Oil Shale No. 86, O. K. Oil Shale No. 87, O. K. Oil Shale No. 88, O. K. Oil Shale No. 89, O. K. Oil Shale No. 90, O. K. Oil Shale No. 91, O. K. Oil Shale No. 92, O. K. Oil Shale No. 93, O. K. Oil Shale No. 94, O. K. Oil Shale No. 95, O. K. Oil Shale No. 96, O. K. Oil Shale No. 97, O. K. Oil Shale No. 98, O. K. Oil Shale No. 99, O. K. Oil Shale No. 100, O. K. Oil Shale No. 101, O. K. Oil Shale No. 102, O. K. Oil Shale No. 103, O. K. Oil Shale No. 104, O. K. Oil Shale No. 105, O. K. Oil Shale No. 106, O. K. Oil Shale No. 107, O. K. Oil Shale No. 108, O. K. Oil Shale No. 109, O. K. Oil Shale No. 110, O. K. Oil Shale No. 111, O. K. Oil Shale No. 112, O. K. Oil Shale No. 113, O. K. Oil Shale No. 114, O. K. Oil Shale No. 115, O. K. Oil Shale No. 116, O. K. Oil Shale No. 117, O. K. Oil Shale No. 118, O. K. Oil Shale No. 119, O. K. Oil Shale No. 120, O. K. Oil Shale No. 121, O. K. Oil Shale No. 122, O. K. Oil Shale No. 123, O. K. Oil Shale No. 124, O. K. Oil Shale No. 125, O. K. Oil Shale No. 126, O. K. Oil Shale No. 127, O. K. Oil Shale No. 128, O. K. Oil Shale No. 129, O. K. Oil Shale No. 130, O. K. Oil Shale No. 131, O. K. Oil Shale No. 132, O. K. Oil Shale No. 133, O. K. Oil Shale No. 134, O. K. Oil Shale No. 135, O. K. Oil Shale No. 136, O. K. Oil Shale No. 137, O. K. Oil Shale No. 138, O. K. Oil Shale No. 139, O. K. Oil Shale No. 140, O. K. Oil Shale No. 141, O. K. Oil Shale No. 142, O. K. Oil Shale No. 143, O. K. Oil Shale No. 144, O. K. Oil Shale No. 145, O. K. Oil Shale No. 146, O. K. Oil Shale No. 147, O. K. Oil Shale No. 148, O. K. Oil Shale No. 149, O. K. Oil Shale No. 150, O. K. Oil Shale No. 151, O. K. Oil Shale No. 152, O. K. Oil Shale No. 153, O. K. Oil Shale No. 154, O. K. Oil Shale No. 155, O. K. Oil Shale No. 156, O. K. Oil Shale No. 157, O. K. Oil Shale No. 158, O. K. Oil Shale No. 159, O. K. Oil Shale No. 160, O. K. Oil Shale No. 161, O. K. Oil Shale No. 162, O. K. Oil Shale No. 163, O. K. Oil Shale No. 164, O. K. Oil Shale No. 165, O. K. Oil Shale No. 166, O. K. Oil Shale No. 167, O. K. Oil Shale No. 168, O. K. Oil Shale No. 169, O. K. Oil Shale No. 170, O. K. Oil Shale No. 171, O. K. Oil Shale No. 172, O. K. Oil Shale No. 173, O. K. Oil Shale No. 174, O. K. Oil Shale No. 175, O. K. Oil Shale No. 176, O. K. Oil Shale No. 177, O. K. Oil Shale No. 178, O. K. Oil Shale No. 179, O. K. Oil Shale No. 180, O. K. Oil Shale No. 181, O. K. Oil Shale No. 182, O. K. Oil Shale No. 183, O. K. Oil Shale No. 184, O. K. Oil Shale No. 185, O. K. Oil Shale No. 186, O. K. Oil Shale No. 187, O. K. Oil Shale No. 188, O. K. Oil Shale No. 189, O. K. Oil Shale No. 190, O. K. Oil Shale No. 191, O. K. Oil Shale No. 192, O. K. Oil Shale No. 193, O. K. Oil Shale No. 194, O. K. Oil Shale No. 195, O. K. Oil Shale No. 196, O. K. Oil Shale No. 197, O. K. Oil Shale No. 198, O. K. Oil Shale No. 199, O. K. Oil Shale No. 200, O. K. Oil Shale No. 201, O. K. Oil Shale No. 202, O. K. Oil Shale No. 203, O. K. Oil Shale No. 204, O. K. Oil Shale No. 205, O. K. Oil Shale No. 206, O. K. Oil Shale No. 207, O. K. Oil Shale No. 208, O. K. Oil Shale No. 209, O. K. Oil Shale No. 210, O. K. Oil Shale No. 211, O. K. Oil Shale No. 212, O. K. Oil Shale No. 213, O. K. Oil Shale No. 214, O. K. Oil Shale No. 215, O. K. Oil Shale No. 216, O. K. Oil Shale No. 217, O. K. Oil Shale No. 218, O. K. Oil Shale No. 219, O. K. Oil Shale No. 220, O. K. 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43, and G. M. Oil Shale No. 44, placer mining claims, situate in the Mount Logan Mining District, Garfield County, Colorado, described as follows: the G. M. Oil Shale No. 39 claim comprising the lots five and six, the north half of the south half of the northeast quarter, and the north half of the south half of the northeast quarter of Section five in Township seven south of Range nine, and the north half of the south half of the northeast quarter of Section four, said township and range; the G. M. Oil Shale No. 40 claim comprising the lots five and six, the north half of the south half of the northeast quarter, and the north half of the south half of the northeast quarter of Section four, said township and range; the G. M. Oil Shale No. 41 claim comprising the lots six, nine, ten, and eleven, the north half of the south half of the northeast quarter, and the north half of the south half of the northeast quarter of Section four, said township and range; the G. M. Oil Shale No. 42 claim comprising the lots eight, nine, ten and eleven, the north half of the south half of the northeast quarter, and the north half of the south half of the northeast quarter of Section three, said township and range; the G. M. Oil

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shale No. 43 comprising the lots five and six, the north half of the south half of the northeast quarter, and the north half of the south half of the northeast quarter of the north east quarter of said Section three; and the G. M. Oil Shale No. 44 claim comprising the lot seven, the north half of the south half of the northeast quarter, and the north half of the south half of the northeast quarter of said Section two, said township and range; the premises herein granted containing eight hundred eighty-eight acres and one hundredth of an acre.

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NOW KNOW YE, that there is therefore, pursuant to the laws aforesaid, hereby granted by the United States unto the said The Standard Shale Products Company, the said placer mining premises hereinafter described:

TO HAVE AND TO HOLD said mining premises, together with all the rights, privileges, immunities, and appurtenances of whatsoever nature thereunto belonging, unto the said grantees above named and to their successors and assigns forever; subject nevertheless to the following conditions and stipulations:

FIRST, That the grant hereby made is restricted in its exterior limits to the boundaries of the said mining premises, and to any veins or lodes of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin, copper or other valuable deposits which may have been discovered within said limits; subsequent to and which were not known to exist on July 10, 1936.

SECOND That should any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin, copper, or other valuable deposits, be claimed or known to exist within the above described premises at said last named date, the same is expressly excepted and excluded from these presents.

THIRD, That the premises hereby conveyed shall be held subject to any vested and accrued water rights for mining, agricultural manufacturing or other purposes and rights to ditches and reservoirs used in connection with such water rights as may be recognized and acknowledged by the local laws, customs and decisions of the courts. And there is reserved from the lands hereby granted a right of way thereon for ditches or canals constructed by the authority of the United States.

FOURTH, That in the absence of necessary legislation by Congress, the legislature of Colorado may provide rules for working the mining claim or premises hereby granted, involving easements, drainage, and other necessary means to the complete development thereof.

This patent is issued supplemental to Patent No. 1044688, dated March 20, 1933.

In testimony whereof, I, Herbert Hoover, President of the United States of America, have caused these letters to be made Patent, and the Seal of the General Land Office to be hereunto affixed.

Given under my hand at the City of Washington, the twenty-fourth day of May in the year of our Lord one thousand nine hundred and thirty and of the Independence of the United States the one hundred and thirty-fourth.

By the President

Herbert Hoover

By

Viola E. Pugh, Secretary

M. P. LeRoy

Recorder of the General
Land Office.



Recorded Patent Number 1037622

FILED FOR RECORD JUNE 5, 1930 at 1:48 O'CLOCK P. M. H. WALKER J. PROJR, RECORDER.

WHEREAS, on the 27th day of April, 1913, Walter H. Richards, George D. Richards, James D. Richards, George D. Richards, Harry H. Ynsoop, citizens of the United States, having complied with the provisions of the act of congress and with the local customs, laws and regulations, located THE CRESTONE NO. 2 PLACER MINING CLAIM, situated, lying and being in the County of Garfield, State of Colorado, location certificate for said claim being dated April 30th, 1913, and duly recorded in Book No. 58 at page 147 of the records of the County Clerk and Recorder of Garfield County, Colorado, and

WHEREAS, The land embraced by said claim is described in said location certificate, as follows, to-wit:

The S½ of the S½ of Section 10, Township 7 South, Range 97 West of the 6th Principal Meridian.

WHEREAS, The United States, since the time of said location has caused a re-survey to be made of Township 7 South, Range 97 West of the 6th Principal Meridian, including the land embraced in said placer claim, so that the land embraced in said location is now described as the S½ of Section 10, exclusive of its conflict with Tract 107, in Township 7 South, Range 97 West of the 6th Principal Meridian, in Garfield County, Colorado.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS, That Gordon B. Barin, the undersigned, and the owner of the Crestone No. 2 Placer Mining claim, has this day amended and by these presents does amend the original location certificate of The Crestone No. 2 Placer Mining Claim, situated, lying and being in the County of Garfield, State of Colorado, so that description of said claim will read as follows, to-wit:

The South Half of the South half (S½) of Section 10, exclusive of its conflict with Tract 107, Township Seven (7) South, Range Ninety-seven (97) West of the Sixth (6th) Principal Meridian, containing 143.84 acres, in Garfield County, Colorado.

This amended certificate is made without waiver of any previously acquired right and to cause the description of said claim to conform to the re-survey which has now been completed by the United States, and duly approved.

Gordon B. Barin.

FILED FOR RECORD, APR 4, 1929, 10:00 A.M. CLERK, P.M. MARION J. FROST, RECORDER.
CHAS. G. WILSON, CLERK

No. 103020

PATENT

Denver 038111

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING:

Whereas, In pursuance of the provisions of the Revised Statutes of the United States, Chapter Six, Title thirty-two, and legislation supplemental thereto, there has been deposited in the General Land Office of the United States, the Certificate of the register of the Land Office at Denver, Colorado, accompanied by other evidence, whereby it appears that the STANDARD SHALE PRODUCTS COMPANY, did, on January 19, 1929, duly enter and pay for that certain mining claim or premises, known as the C. M. Oil Shale No. 36, C. M. Oil Shale No. 37, C. M. Oil Shale No. 38, C. M. Oil Shale No. 45, C. M. Oil Shale No. 46, C. M. Oil Shale No. 47, C. M. Oil Shale No. 48, C. M. Oil Shale No. 49, C. M. Oil Shale No. 50, C. M. Oil Shale No. 51, C. M. Oil Shale No. 52, C. M. Oil Shale No. 53, C. M. Oil Shale No. 54, C. M. Oil Shale No. 55, C. M. Oil Shale No. 56, C. M. Oil Shale No. 57, C. M. Oil Shale No. 58, C. M. Oil Shale No. 59, C. M. Oil Shale No. 60, C. M. Oil Shale No. 61, C. M. Oil Shale No. 62, C. M. Oil Shale No. 63, C. M. Oil Shale No. 64, C. M. Oil Shale No. 67, C. M. Oil Shale No. 68, C. M. Oil Shale No. 69, C. M. Oil Shale No. 70, C. M. Oil Shale No. 71, C. M. Oil Shale No. 72, C. M. Oil Shale No. 73, C. M. Oil Shale No. 74, C. M. Oil Shale No. 75, C. M. Oil Shale No. 76, C. M. Oil Shale No. 77, C. M. Oil Shale No. 78, C. M. Oil Shale No. 79, C. M. Oil Shale No. 80, C. M. Oil Shale No. 81, C. M. Oil Shale No. 82, C. M. Oil Shale No. 83, C. M. Oil Shale No. 84, C. M. Oil Shale No. 85, C. M. Oil Shale No. 86, C. M. Oil Shale No. 87, C. M. Oil Shale No. 88, C. M. Oil Shale No. 89, C. M. Oil Shale No. 90, C. M. Oil Shale No. 91, C. M. Oil Shale No. 92, C. M. Oil Shale No. 93, C. M. Oil Shale No. 94, C. M. Oil Shale No. 95, Standard Shale No. 17, Standard Shale No. 18, Standard Shale No. 19, Standard Shale No. 20, Standard Shale No. 21, Standard Shale No. 22, Standard Shale No. 24, Standard Shale No. 25, Standard Shale No. 26, Standard Shale No. 27, and Standard Shale No. 28, placer mining claims, situate in the Mount Logan Mining District, Garfield County, Colorado, described as follows:

the C. M. Oil Shale No. 36 claim comprising the Lots ten, eleven, and twelve, the north half of the southeast quarter of the northwest quarter, and the north half of the south half of the southeast quarter of the northwest quarter of Section six in Township seven south of Range ninety-nine west of the Sixth Principal Meridian;

the C. M. Oil Shale No. 37 claim comprising the Lots eight and nine, the North half of the south half of the northeast quarter, and the north half of the south half of the south half of the northeast quarter of said Section six;

the C. M. Oil Shale No. 38 claim comprising the Lots seven and eight, the north half of the south half of the northeast quarter, and the north half of the south half of the south half of the northeast quarter of Section five, said Township and Range;

the C. M. Oil Shale No. 45 claim comprising the Lots five and six, the north half of the south half of the northeast quarter, and the north half of the south half of the south half of the northeast quarter of Section Two (2) said Township and Range; and the west half of the west half of the southwest quarter of the northeast quarter of Section one, said Township and Range;

The C. M. Oil Shale No. 46 claim comprising the Lots seven and eight, the east half of the west half of the southeast quarter of the southwest quarter, the east half of the south

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west quarter of the northwest corner, and the southeast quarter of the
of said Section one.

The O. M. "D" Shale No. 47 also comprising the Lots Thirteen, Fifteen, and nine, the south west quarter of the northeast quarter, and the north half of the northeast quarter of the northwest quarter of the southeast quarter of said Section one.

the C&N 011, State No. 44, comprising the Lots ten and eleven, the southwest quarter of the northeast quarter, the south half of the northwest quarter of the southeast quarter, the south half of the northwest quarter of the northwest quarter of the southeast quarter, and the northeast quarter of the northwest quarter of the southeast quarter of said Section one:

the C.M. Oil Shale No. 49 claim comprising the southwest quarter of said Section one;

the G.M. Oil Shale No. 30 claim, comprising the south half of the south half of the south half of the northeast quarter, the north half of the southeast quarter, the north half of the south half of the southwest quarter, and the north half of the south half of the south half of the southeast quarter of said Section two;

the S.W. 1/4 of Sec. 30, S1 claim comprising the south half of the south half of the south half of the northwest quarter, the north half of the southeast quarter, the north half of the south half of the southwest quarter, and the north half of the south half of the southeast half of the southeast quarter of said Section 30:

The G. M. Oil Shale No. 32 claim comprising the south half of the south half of the south half of the northeast quarter, the north half of the southeast quarter, the north half of the south half of the southeast quarter, and the north half of the south half of the south half of the south east quarter of Section Three, in said Township and Range.

the G.M. Oil Shale No. 53 claim, comprising the south half of the south half of the south half of the northwest quarter, the north half of the southwest quarter, the north half of the south half of the southwest quarter, and the north half of the south half of the south half of the southwest quarter of said Section three:

the U.M. Oil Shale No. 54 claim comprising the south half of the south-half of the south half of the northeast quarter, the north half of the southeast quarter, the north half of the south half of the southeast quarter, and the north half of the south half of the south half of the southeast quarter of Section Four, said Township and Range;

the C.M. Oil Shale No. 55 claim comprising the south half of the south half of the south half of the northwest quarter, the north half of the southwest quarter, the north half of the south half of the southwest quarter, and the north half of the south half of the south half of the southwest quarter of ssid Section four;

the U. M. 4011 Shale No. 436 claim comprising the south half of the south half of the south half of the northeast quarter, the north half of the southeast quarter, the north half of the south half of the southeast quarter, and the north half of the south half of the south half of the southeast quarter of Section five, said Township 6N Range:

The G. M. Gill Shale No. 67 claim comprising the south half of the south half of the south half of the northwest quarter, the north half of the southwest quarter, the north half of the south half of the southwest quarter, and the north half of the south half of the south half of the southwest quarter of said Section five.

the G.M. oil whale No. 58 claim comprising the south half of the south half of the south half of the northeast quarter, the north half of the southeast quarter, the north half of the south half of the southeast quarter, and the north half of the south half of the south half of the southeast quarter of said Section six.

the G.W. Oil "hole No. 59" claim comprising the last, thirteen and fourteen, the south half of the south half of the southeast quarter, of the northeast quarter, and the east half of the southwest quarter of said Section, T.1N., R.1E., S.10N.

the U. M. Oil Shale No. 60 claim comprising the lot five and the northeast quarter of the northwest quarter of Section seven, said Township and Range.

The C. M. Oil Shale No. 61 claim comprising the south half of the south half of the south half of the southeast quarter of said Section six and the north half of the northeast quarter of said Section seven;

The G.M. Oil Shale No. 02 claim comprising the south half of the south half of the south half of the southwest quarter of said Section five; and the north half of the north west quarter of Section eight, said Township and Range;

the G.M. Oil Shale No. 65 claim comprising the south half of the south half of the south half of the southeast quarter of said Section five and the northwest quarter of the northwest quarter of said Section eight;

the O.M. Oil Sale No. 84, 021111 comprising the south half of the south half of the south half of the southwest quarter of said Section four and the north half of the northwest quarter of Section nine, said Township and Range;

The U.M. Oil Shale No. 87 claim comprising the south half of the south half of the south half of the southeast quarter of said Section three and the north half of the northeast quarter and the southeast quarter of the northeast quarter of Section ten, said Township and Range:

the C.M. Oil Shale No. 68 claim comprising the south half of the south half of the south half of the southwest quarter of said Section two; and the north half of the northwest quarter, the north half of the south half of the northwest quarter, and the north half of the south half of the south half of the northwest quarter of Section eleven, said Township and Range;

the O.K. Oil Shale No. 69 claim comprising the south half of the south half of the south half of the southeast quarter of said Section two and the north half of the northeast quarter, the north half of the south half of the northeast quarter, and the north half of the south half of the south half of the northeast quarter of said section eleven;

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The Standard Shale No. 20 claim comprising the northwest quarter of Section eight, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian;

The Standard Shale No. 21 claim comprising the northeast quarter of Section seven, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian;

The Standard Shale No. 22 claim comprising the lots One and two and the east half of the northwest quarter of Section seven, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian;

The Standard Shale No. 24 claim comprising the Lots three, four and five and the southeast quarter of the northwest quarter of Section six said Township seven south of Range ninety-eight west of the Sixth Principal Meridian;

The Standard Shale No. 25 claim comprising the north half of the southwest quarter of Section eight, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian;

The Standard Shale No. 26 claim comprising the north half of the southeast quarter and the north half of the south half of the southeast quarter of Section seven, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian;

The Standard Shale No. 27 claim comprising the Lots three and four, the northeast quarter of the southwest quarter, and the north half of the southeast quarter of the southwest quarter of Section seven, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian; and

the Standard Shale No. 28 claim comprising the Lots three and four and the west half of the southeast quarter of said Section twelve; the premises herein granted, containing nine thousand three hundred fifty-four acres and fifty-two hundredths of an acre.

NOW KNOW YE, that there is, therefore, pursuant to the laws aforesaid, hereby granted by the United States unto the said The Standard Shale Products Company, the said placer mining premises hereinbefore described;

TO HAVE AND TO HOLD said mining premises, together with all the rights, privileges, immunities and appurtenances of whatsoever nature thereunto belonging, unto the said grantees above named, and to its successors and assigns forever; subject nevertheless to the following conditions and stipulations:

FIRST: That the grant hereby made is restricted in its exterior limits to the boundaries of the said mining premises, and to any veins or lodes of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin, copper, or other valuable deposits, which may have been discovered within said limits subsequent to and which were not known to exist on July 10, 1926.

SECOND: That should any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin, copper, or other valuable deposits, be claimed or known to exist within the above-described premises at said last-mentioned date, the same is expressly excepted and excluded from these presents.

THIRD: That the premises hereby conveyed shall be held subject to any vested and accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights as may be recognized and acknowledged by the local laws, customs and decisions of the courts. And there is reserved from the lands hereby granted a right of way thereon for ditches or canals constructed by the authority of the United States.

FOURTH: That in the absence of necessary legislation by Congress, the Legislature of Colorado may provide rules for working the mining claim or premises hereby granted, involving easements, drainage, and other necessary means to the complete development thereof.

IN TESTIMONY WHEREOF, I, Herbert Hoover, President of the United States of America, have caused these letters to be made Patent, and the Seal of the General Land Office to be hereunto affixed.

GIVEN under my hand, at the City of Washington, the Twentieth day of March, in the year of our Lord one thousand nine hundred and twenty-nine and of the Independence of the United States, the one hundred and Fifty-third.

By the President: Herbert Hoover

By Viola B. Pugh, Secretary



M. P. LaRov
Recorder of the General
Land Office.

Recorded: Patent Number 1024862

FILED FOR RECORD APR. 11 At 305 O'CLOCK P. M. WALTER J. PROST, RECORDER

the G.M. Oil Shale No. 70 claim comprising the northwest quarter of Section twelve, said Township and Range;

the G.M. Oil Shale No. 71 claim comprising the Lots one and two and the west half of the northwest quarter of said Section twelve;

The G.M. Oil Shale No. 72 claim comprising the Lots five and six and the east half of the northwest quarter of Section thirty-one in Township six south of Range Ninety-nine west of the Sixth Principal Meridian;

the G.M. Oil Shale No. 73 claim comprising the northeast quarter of said Section thirty-one;

the G.M. Oil Shale No. 74 claim comprising the Lots seven, eight and nine and the northeast quarter of the southwest quarter of said Section thirty-one;

the G.M. Oil Shale No. 75 claim comprising the Lots ten and eleven and the north half of the southeast quarter of said Section thirty-one;

the G.M. Oil Shale No. 76 claim, comprising the northwest quarter of Section thirty-two, said Township six south of Range ninety-nine west of the Sixth Principal Meridian;

the G.M. Oil Shale No. 77 claim comprising the northeast quarter of said Section thirty-two;

the G.M. Oil Shale No. 78 claim comprising the Lots one and two and the north half of the southwest quarter of said Section thirty-two;

the G.M. Oil Shale No. 79 claim comprising the Lots three and four and the north half of the southeast quarter of said Section thirty-two;

the G.M. Oil Shale No. 80 claim comprising the northwest quarter of Section thirty-three, said Township six south of Range ninety-nine west of the Sixth Principal Meridian;

the G.M. Oil Shale No. 81 claim comprising the northeast quarter of said Section thirty-three;

the G.M. Oil Shale No. 82 claim comprising the Lots one and two and the north half of the southwest quarter of said Section thirty-three;

the G.M. Oil Shale No. 83 claim comprising the Lots three and four and the north half of the southeast quarter of said Section thirty-three;

the G.M. Oil Shale No. 84 claim comprising the northeast quarter of the northwest quarter of the northwest quarter, the south half of the northeast quarter of the northwest quarter, the northeast quarter of the northeast quarter, and the south half of the northeast quarter of Section thirty-four, said Township six south of Range ninety-nine west of the Sixth Principal Meridian;

the G.M. Oil Shale No. 85 claim comprising the northwest quarter of the northwest quarter of the northeast quarter, the south half of the northwest quarter of the northeast quarter, the northeast quarter of the northeast quarter, and the south half of the northeast quarter of said Section thirty-four;

the G.M. Oil Shale No. 86 claim comprising the Lots one and two and the north half of the southwest quarter of said Section thirty-four;

The G.M. Oil Shale No. 87 claim comprising the Lots three and four and the north half of the southeast quarter of said Section thirty-four;

the G.M. Oil Shale No. 88 claim comprising the southwest quarter of the northeast quarter of the northwest quarter, the northwest quarter of the northwest quarter, and the south half of the northwest quarter of Section thirty-five, said Township six south of Range ninety-nine west of the Sixth Principal Meridian;

The G.M. Oil Shale No. 89 claim comprising the northeast quarter of said Section thirty-five;

the G.M. Oil Shale No. 90 claim comprising the Lots one and two and the north half of the southwest quarter of said Section thirty-five;

the G.M. Oil Shale No. 91 claim comprising the Lots three and four and the north half of the southeast quarter of said Section thirty-five;

The G.M. Oil Shale No. 92 claim comprising the east half of the northwest quarter of the northwest quarter, the west half of the northeast quarter of the northwest quarter, and the south half of the northwest quarter of Section thirty-six, said Township six south of Range Ninety-nine west of the Sixth Principal Meridian;

the G.M. Oil Shale No. 93 claim comprising the south half of the north half of the northeast quarter, the south half of the southeast quarter, and the north half of the north half of the north half of the southeast quarter of said Section thirty-six;

the G.M. Oil Shale No. 94 claim comprising the Lots one and two and the north half of the southwest quarter of said Section thirty-six;

the G.M. Oil Shale No. 95 claim comprising the Lots three and four, the south half of the north half of the north half of the southeast quarter and the south half of the north half of the southeast quarter of said Section thirty-six and the Lots twelve and fourteen of said Section one;

the Standard Shale No. 17 claim comprising the Lots six and seven and the east half of the southwest quarter of Section six in Township seven south of Range ninety-eight west of the Sixth Principal Meridian;

the Standard Shale No. 18 claim comprising the southeast quarter of Section six, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian;

The Standard Shale No. 19 claim comprising the southwest quarter of Section five, said Township seven south of Range ninety-eight west of the Sixth Principal Meridian;

BK 160, PG 221

Doc. 127012

MINUTE

BK 160

A 430

THIS AGREEMENT, made this 12th day of June, 1929, by and between Clinton E. Smith of the City and County of Denver, Colorado, and William Ward of the City and County of Denver, Colorado:

WITNESSETH THAT WHEREAS said Smith owns or controls said mining properties located in the Canon Mining District, Garfield County, Colorado, as hereinafter more particularly described and is desirous of securing funds for property protection and development of the same and WHEREAS said Smith has the position to finance and otherwise assist in the protection and development of said properties as well as obtain a market for the ore to be produced therefrom:

NOW THEREFORE, in consideration of the premises, mutual covenants and other valuable considerations between said parties passing the receipt whereof is hereby acknowledged, said parties have agreed as follows:

FIRST. Said Smith shall so rapidly as may be needed, extend such sums as may be occasionally necessary for the assessment work and the development of the Canon Group of claims situated in the New Castle Mining District, Garfield County, Colorado, near the junction of Park Elk Creek and North Elk Creek and adjoining of the South Elm Becolatti Group of claims, all of which are being in Township Four and Five North, Range 91 West and could either claim in the same district whether located now or to be located hereafter or obtain by lease or otherwise and to provide any money prudentially necessary to develop the said claims to the point of production.

SECOND. Said Smith shall also, procure a purchaser or purchasers for the ore produced from said claims, on terms that will make such operation commercially profitable and procure a proper contract for the output of such ore covering so long a period of years as possible.

THIRD. In consideration of the premises and said financial aid William Ward hereby assigns, transfers and conveys over to said Clinton E. Smith, his heirs, assigns and assigns or individuals, one-half interest in mining claims and every of the same owned claim together with all and several such other properties of a like nature that might hereafter be located, leased or purchased. All such properties to be worked and operated for their mutual profit and benefit as herein provided.

FOURTH. Said William Ward is to be employed in and about the operation of said property and in transporting said ore of said properties to a suitable transportation and to have charge of all mining operations conducted by said parties in said district or such other districts as may from time to time be taken on by mutual consent of said parties and shall deliver to said William Ward to produce the sum of \$5,000 per day for each day by him devoted to said operation and the further compensation of one dollar per portion for all merchandise produced which shall be delivered on the spot and also as such merchandise thereby the party or parties with whom said William Ward has a contract or contracts for the output of such ore. Said William Ward on his part agrees to see that all work on said properties is properly done in good workmanlike manner and will so and truly live his time and best endeavor to the end that as much merchantable ore will be produced from said properties as is possible, it being expressly understood and agreed that the said properties and much of them are to be operated and in whole or in part produce the largest amount of merchantable ore from each of the said properties as is conveniently possible under the conditions existing from time to time.

FIFTH. This contract shall remain in full force and effect so long as same is mutually profitable and said ore can be produced and disposed of at a reasonable profitable price. Smith, but in the event that the price of ore becomes too low for either Smith or Ward and the properties for this reason will close down and cease to produce, then William Ward shall revert to said William Ward and be held by him in his own name.

In Witness Whereof said parties have affixed their signatures to this deed, thereby and as above written.

Clinton E. Smith

William Ward

State of Colorado)
City and County of Denver)

I, James B. Farro, a Notary Public in and for the County of Garfield, do hereby certify that on this date, Clinton E. Smith and William Ward personally known to me to be the same persons whose names are affixed to the foregoing instrument appeared before me and severally acknowledged that they signed and delivered the same as their free and voluntary act, respectively, for the uses and purposes therein set forth.

James B. Farro
Notary Public



Given under my hand and seal this 12th day of June, 1929.

WITNESSETH THAT THE FOREGOING INSTRUMENT WAS READ AND EXPLAINED TO THE PARTIES AND THEY UNDERSTOOD THE SAME.

504838 06/06/2002 02:28P 51388 P989 M ALSDORF
2 of 3 R 15.00 D 0.00 GARFIELD COUNTY CO

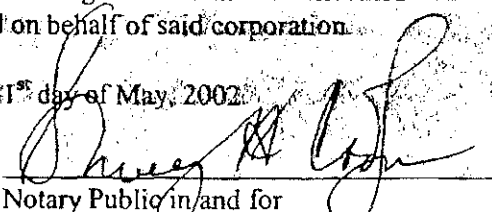
STATE OF TEXAS

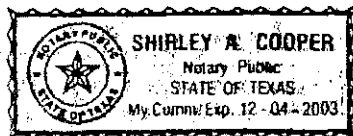
COUNTY OF HARRIS

Before me, the undersigned authority, a Notary Public in and for the State of Texas, personally appeared Gregory W. Hutson, to me known to be the person who executed the within and foregoing instrument as the Senior Vice President of El Paso Production Oil & Gas Company, a Delaware corporation, and acknowledged to me that he executed the same for the purposes and consideration therein expressed on behalf of said corporation.

GIVE UNDER MY OFFICIAL SEAL, this 31st day of May, 2002.

My Commission Expires:


Notary Public in and for
Harris County, Texas





804838 08/08/2002 02:28P B1360 P992 M ALSDORE

3 of 3 R 15.00 D 0.00 GARFIELD COUNTY CO

EXHIBIT A

DESCRIPTION OF LAND

That certain land described in (i) United States Patent Number 1024662, dated March 20, 1929, by and between the United States of America, as grantor, and The Standard Shale Products Company, as grantee, filed of record in Book 160, Page 219 of Garfield County, Colorado and (ii) United States Patent Number 1037622, dated May 24, 1930, by and between the United States of America, as grantor, and The Standard Shale Products Company, as grantee, filed for record in Book 160, Page 430 of Garfield County, Colorado.

ENCANA

EnCana Oil & Gas (USA) Inc.

PAGE _____ OF _____

DATE _____

SUBJECT: _____

BY: _____



337011 12/21/1999 12:05P B1 P963 M ALSDORF
1 of 3 R 16.00 D 0.00 GARFIELD COUNTY CO

Book 1165
Pg 963

963

B1165

CORRECTED
SPECIAL WARRANTY DEED

THE STATE OF COLORADO §

§ KNOW ALL MEN BY THESE PRESENTS THAT:

COUNTY OF GARFIELD §

THE STANDARD SHALE PRODUCTS COMPANY, a Colorado corporation ("**Grantor**"), whose address for purposes hereof is 600 North Dairy Ashford, Houston, Texas 77079, for and in consideration of the sum of Ten and No/100 Dollars (\$10.00) paid to Grantors and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, has GRANTED, SOLD, and CONVEYED and does hereby GRANT, SELL and CONVEY unto COASTAL OIL & GAS CORPORATION, a Delaware corporation ("**Grantee**"), whose address for purposes hereof is Nine Greenway Plaza, Houston, Texas 77046, those certain tracts or parcels of real property (herein called the "**Land**") located in Garfield County, Colorado, as more particularly described on **Exhibit A** attached hereto and made a part hereof by this reference, together with all improvements located thereon, and all rights and appurtenances pertaining thereto, including, but not limited to: (i) all right, title, and interest, if any, of Grantor, in and to any land in the bed of any street, road, or avenue open or proposed in front of or adjoining the Land; (ii) all right, title, and interest, if any, of Grantor, in and to any rights-of-way, rights of ingress or egress, or other interests in, on, or to, any land, highway, street, road, or avenue, open or proposed, in, on, or across, in front of, abutting, or adjoining the Land, and any awards made, or to be made in lieu thereof, and in and to any unpaid awards for damage thereto by reason of a change of grade of any such highway, street, road, or avenue; (iii) all right, title, and interest, if any, of Grantor to any easement across or adjacent to the Land, existing or abandoned; (iv) all right, title, and interest, if any, of Grantor, to the present or future use of waste water, waste water capacity, drainage, water or other utility facilities to the extent same pertains to or benefit the Land or the Improvements, including, without limitation, all reservations of, or commitments or letters covering, any such use in the future, whether now owned or hereafter acquired; (v) all right, title, and interest, if any, of Grantor, to all oil, gas and other minerals in, on, or under, and that may be produced from the Land; (vi) all right, title and interest, if any, of Grantor, in and to any land adjacent or contiguous to, or a part of the Land, whether those lands are owned or claimed by deed, limitations, or otherwise, and whether or not they are located inside or outside the description given herein, or whether or not they are held under fence by Grantor; and (vii) any reversionary rights attributable to the Land (the Land and all of the other properties, rights and interests mentioned above are herein collectively referred to as the ("**Property**").

TO HAVE AND TO HOLD the Property unto Grantee and Grantee's successors and assigns forever; and Grantor does hereby bind itself and its successors and assigns to warrant and forever defend the Property unto Grantee and Grantee's successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof by, through or under Grantor, but not otherwise, subject to (i) any and all "Permitted Encumbrances," as such term is defined in that certain Purchase and Sale Agreement between

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Conoco Inc., Grantor and Grantee, dated effective as of July 1, 1998 (the "Purchase and Sale Agreement"), and (ii) the Purchase and Sale Agreement, and all transactions contemplated thereby and all conveyances made thereunder, to the full extent same are valid and subsisting and affect the Property.

This Corrected Special Warranty Deed supersedes and replaces that certain Special Warranty Deed dated July 1, 1998 recorded in Book 1451, page 704 of the records of Garfield County, Colorado. Such Special Warranty Deed contained an error in the Exhibit A, which has been corrected herein.

IN WITNESS WHEREOF this Corrected Special Warranty Deed is executed on the date set forth in the acknowledgment below, to be effective for all purposes as of the 1st day of July, 1998.

THE STANDARD SHALE PRODUCTS COMPANY
A Colorado corporation

By: G.A. Merriman
G.A. Merriman, President

THE STATE OF TEXAS

COUNTY OF HARRIS

§
§
§

THE FOREGOING INSTRUMENT was acknowledged before me this 2nd day of December, 1999, by G.A. Merriman, President of the Standard Shale Products Company, a Colorado corporation, known by me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that ~~he~~ she executed the same for the purposes and consideration therein expressed, in the capacity therein stated, as and for the act and deed of said corporation. Witness my hand and official seal.

Gladys D. Jones
Notary Public in and for
The State of Texas

GLADYS D. JONES
Printed Name of Notary

My commission expires: November 8, 2001

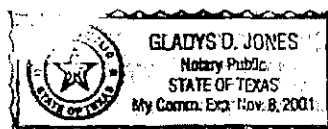


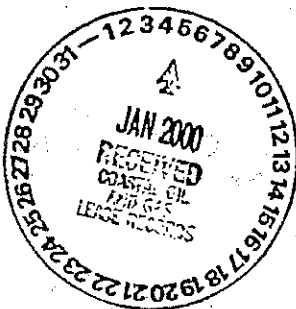
EXHIBIT A

DESCRIPTION OF LAND

That certain land described in (i) United States Patent Number 1024662, dated March 20, 1929, by and between the United States of America, as grantor, and The Standard Shale Products Company, as grantee, filed of record in Book 160, Page 219 of Garfield County, Colorado and (ii) United States Patent Number 1037622, dated May 24, 1930, by and between the United States of America, as grantor, and The Standard Shale Products Company, as grantee, filed for record in Book 160, Page 438 of Garfield County, Colorado.



557011 12/21/1999 12:05P B1165 P965 M ALSDORF
3 of 3 R 15.00 D 0.00 GARFIELD COUNTY CO



RETURN TO:

Coastal Oil & Gas Corporation
Nine Greenway Plaza
Houston, Texas 77046
ATTN: LEASE RECORDS

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704

SPECIAL WARRANTY DEED

THE STATE OF COLORADO §

§

KNOW ALL MEN BY THESE PRESENTS THAT:

COUNTY OF GARFIELD §

§

THE STANDARD SHALE PRODUCTS COMPANY, a Colorado corporation ("Grantor"), whose address for purposes hereof is 600 North Dairy Ashford, Houston, Texas 77079, for and in consideration of the sum of Ten and No/100 Dollars (\$10.00) paid to Grantors and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, has GRANTED, SOLD, and CONVEYED and does hereby GRANT, SELL and CONVEY unto COASTAL OIL & GAS CORPORATION, a Delaware corporation ("Grantee"), whose address for purposes hereof is Nine Greenway Plaza, Houston, Texas 77046, those certain tracts or parcels of real property (herein called the "Land") located in Garfield County, Colorado, as more particularly described on Exhibit A attached hereto and made a part hereof by this reference, together with all improvements located thereon, and all rights and appurtenances pertaining thereto, including, but not limited to: (i) all right, title, and interest, if any, of Grantor, in and to any land in the bed of any street, road, or avenue open or proposed in front of or adjoining the Land; (ii) all right, title, and interest, if any, of Grantor, in and to any rights-of-way, rights of ingress or egress, or other interests in, on, or to any land, highway, street, road, or avenue open or proposed, in, on, or across, in front of, abutting, or adjoining the Land, and any awards made, or to be made in lieu thereof, and in and to any unpaid awards for damage thereto by reason of a change of grade of any such highway, street, road, or avenue; (iii) all right, title, and interest, if any, of Grantor to any easement across or adjacent to the Land, existing or abandoned; (iv) all right, title, and interest, if any, of Grantor, to the present or future use of waste water, waste water capacity, drainage, water or other utility facilities to the extent same pertain to or benefit the Land or the Improvements, including, without limitation, all reservations of, or commitments or letters covering, any such use in the future, whether now owned or hereafter acquired; (v) all right, title, and interest, if any, of Grantor, to all oil, gas, and other minerals in, on, or under, and that may be produced from the Land; (vi) all right, title, and interest, if any, of Grantor, in and to any land adjacent or contiguous to, or a part of the Land, whether those lands are owned or claimed by deed, limitations, or otherwise, and whether or not they are located inside or outside the description given herein, or whether or not they are held under fence by Grantor; and (vii) any reversionary rights attributable to the Land (the Land and all of the other properties, rights and interests mentioned above are herein collectively referred to as the "Property").

TO HAVE AND TO HOLD the Property unto Grantee and Grantee's successors and assigns forever; and Grantor does hereby bind itself and its successors and assigns to warrant and forever defend the Property unto Grantee and Grantee's successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof by, through or under Grantor.

HO003-141993.2

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
COASTAL TOWER • NINE GREENWAY PLAZA • HOUSTON, TEXAS 77046-0991 • TEL 282-1400

Return

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(3)15

but not otherwise, subject to (i) any and all "Permitted Encumbrances," as such term is defined in that certain Purchase and Sale Agreement between Conoco, Inc. Grantor and Grantee, dated effective as of July 1, 1998 (the "Purchase and Sale Agreement"), and (ii) the Purchase and Sale Agreement, and all transactions contemplated thereby and all conveyances made thereunder, to the full extent same are valid and subsisting and affect the Property.

IN WITNESS WHEREOF, this Special Warranty Deed is executed on the date set forth in the acknowledgment below, to be effective for all purposes as of the 1st day of July, 1998.

THE STANDARD SHALE PRODUCTS
COMPANY, a Colorado corporation

By:

John R. Kemp
John R. Kemp, President

THE STATE OF TEXAS

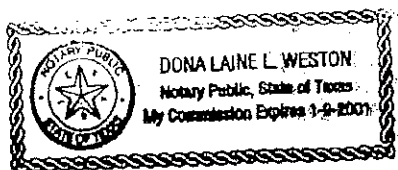
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COUNTY OF HARRIS

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THE FOREGOING INSTRUMENT was acknowledged before me this 2d day of November, 1998, by John R. Kemp, President of The Standard Shale Products Company, a Colorado corporation, known by me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, as and for the act and deed of said corporation. Witness my hand and official seal.



Dona Laine L. Weston

Notary Public in and for
the State of Texas

DONALAINE L. WESTON

Printed Name of Notary

My commission expires: 1-9-2001



552525 09/22/1999 12:39P B1151 P706 K ALSDORE
3 of 3 R 15.00 D 0.00 GARFIELD COUNTY CO

EXHIBIT A

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