

FORM
4Rev
04/13

State of Colorado Oil and Gas Conservation Commission

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



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Document Number:

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Date Received:

09/09/2013

SUNDRY NOTICE

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number:	<u>47120</u>	Contact Name	<u>Cheryl Light</u>
Name of Operator:	<u>KERR-MCGEE OIL & GAS ONSHORE LP</u>	Phone:	<u>(720) 929-6461</u>
Address:	<u>P O BOX 173779</u>	Fax:	<u>(720) 929-7461</u>
City:	<u>DENVER</u>	State:	<u>CO</u>
Zip:	<u>80217-3779</u>	Email:	<u>cheryl.light@anadarko.com</u>

Complete the Attachment
Checklist

OP OGCC

API Number :	<u>05-</u>	<u>123</u>	<u>09991</u>	<u>00</u>	OGCC Facility ID Number:	<u>242200</u>			
Well/Facility Name:	<u>ELTON N. MILLER 'C'</u>			Well/Facility Number:	<u>2</u>				
Location QtrQtr:	<u>NESE</u>	Section:	<u>7</u>	Township:	<u>2N</u>	Range:	<u>66W</u>	Meridian:	<u>6</u>
County:	<u>WELD</u>	Field Name:	<u>WATTENBERG</u>						
Federal, Indian or State Lease Number:	<u></u>								

Survey Plat		
Directional Survey		
Srvc Eqpmt Diagram		
Technical Info Page		
Other		

CHANGE OF LOCATION OR AS BUILT GPS REPORT

☐ Change of Location * ☐ As-Built GPS Location Report ☐ As-Built GPS Location Report with Survey

* Well location change requires new plat. A substantive surface location change may require new Form 2A.

SURFACE LOCATION GPS DATA Data must be provided for Change of Surface Location and As Built Reports.

Latitude PDOP Reading Date of Measurement
Longitude GPS Instrument Operator's Name

LOCATION CHANGE (all measurements in Feet)

Well will be: (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr NESE Sec 7

New **Surface** Location **To** QtrQtr Sec

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current **Top of Productive Zone** Location **From** Sec

New **Top of Productive Zone** Location **To** Sec

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage **To** Exterior Section Lines:

Current **Bottomhole** Location Sec Twp

New **Bottomhole** Location Sec Twp

Is location in High Density Area?

Distance, in feet, to nearest building , public road: , above ground utility: , railroad: ,

property line: , lease line: , well in same formation:

Ground Elevation feet Surface owner consultation date

		FNL/FSL		FEL/FWL	
<u>1610</u>	<u>FSL</u>	<u>1100</u>	<u>FEL</u>		
<u> </u>	<u> </u>	<u> </u>	<u> </u>		
Twp <u>2N</u>	Range <u>66W</u>	Meridian <u>6</u>			
Twp <u> </u>	Range <u> </u>	Meridian <u> </u>			
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				** attach deviated drilling plan	
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CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>

OTHER CHANGES

☐ **REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

☐ **CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER**

From: Name ELTON N. MILLER 'C' Number 2 Effective Date: _____

To: Name _____ Number _____

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

☐ WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number _____ has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number _____ has not been constructed (Permitted and constructed pit requires closure per Rule 905)

☐ **CENTRALIZED E&P WASTE MANAGEMENT FACILITY:** Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number _____ has not been constructed (Constructed facility requires closure per Rule 908)

OIL & GAS LOCATION ID Number: _____

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.

☐ **REQUEST FOR CONFIDENTIAL STATUS**

☐ **DIGITAL WELL LOG UPLOAD**

☐ **DOCUMENTS SUBMITTED** Purpose of Submission: _____

RECLAMATION**INTERIM RECLAMATION**

☐ Interim Reclamation will commence approximately _____

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.

Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

Field inspection will be conducted to document Rule 1003.e. compliance

FINAL RECLAMATION

☐ Final Reclamation will commence approximately _____

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

Field inspection will be conducted to document Rule 1004.c. compliance

Comments:

ENGINEERING AND ENVIRONMENTAL WORK

☐ NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned _____ Has Production Equipment been removed from site? _____

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT _____

☐ SPUD DATE: _____

TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK

Details of work must be described in full in the COMMENTS below or provided as an attachment.

☒ NOTICE OF INTENT Approximate Start Date 09/27/2013

☐ REPORT OF WORK DONE Date Work Completed _____

- | | | |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare | <input type="checkbox"/> E&P Waste Mangement Plan |
| <input type="checkbox"/> Change Drilling Plan | <input checked="" type="checkbox"/> Repair Well | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change | <input type="checkbox"/> Rule 502 variance requested. Must provide detailed info regarding request. | |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases | |

COMMENTS:

Miller Elton C #2 Remedial Cement, 5,000 psi rated wellhead, production packer. TOC: 7030'; NB top: 7120' NOTE: NO NB PERFS IN WELL.
1 GYRO: 11/23/11
2 Call Foreman before rig up to isolate production equipment. Catch and remove plunger. Install fence if needed. NOTE: Report surface casing pressure to engineer. If surface casing is not accessible at ground level, re-pipe so valve is at ground level.
3 Level location for rig.
4 MIRU slickline. RIH to retrieve production equipment. RIH and tag fill. Recent tagged depth 7,800' KB (top of JSAND perfs) on 10/16/2001. RDMO slickline.
5 MIRU WO Rig. Control well with biocide treated water. ND WH and NU BOP. Unseat landing joint and lay down.
6 MIRU EMI services. EMI 2-3/8" TBG on TOO H and tally. RDMO EMI services.
7 MIRU E-Line
8 PU and RIH with Gauge ring and junk basket combo for (4-1/2", 10.5/11.6 #, K-55) CSG. Run Gauge ring to 7,250', POOH.
9 RIH w/ 10,000 psi rated from above and below CIBP (4-1/2", 10.5/11.6 #, K-55) and set CIBP at 7,170' (Tie into Schlumberger CBL w/ Perforating Summary dated 10-MAY-1995). Pressure test CIBP and casing to 1,000 psi for 15 min. If pressure test fails, contact engineering.
10 PU & RIH with 3-1/8" guns and shoot squeeze holes at 6,980', then 6,550' (Tie into Schlumberger CBL w/ Perforating Summary dated 10-MAY-1995) (NOTE: LOG ONLY GOES TO 6,800'), using 3 SPF, 0.38" EHD, 33.65" penetration, 1' net, 6 total shots, 3 per perf depth. POOH with perf guns.
11 PU & RIH with CCL & CIGR and set at 6,890'. RDMO E-Line. NOTE: CIGR can be set on 2-3/8" TBG if desired.
12 PU & RIH with CIGR stinger on 2-3/8" TBG and sting into CIGR at 6,890'. Circulate with 140 bbl biocide treated water
13 MIRU Cementing Services
14 Establish injection rate with fresh water, keeping casing valve open for circulation. Once injection rate has been established, mix and pump 140 sks cement as follows: 42.5 bbl of cement (50/50 POZ "G" w/ 20% silica flour, 3% gel, 0.1% sodim metasilicate and 0.4% FL-52, Mixed at 13.5 ppf and 1.71 (yield) cuft/sk), displace with 26 bbl (leaves approximately 1 bbl cement in tbg to be dumped on CIGR while stinging out). Volumes calculated using 430' between 10" hole and 4-1/2" casing + 20% excess, with perfs @ 6,980' & 6,550' and CIGR @ 6,890'
15 Sting out of CIGR and dump remaining cement on CIGR.
16 TOO H to have EOT at 5,500' (1,000' above top squeeze perf holes). Reverse circulate down csg and up tbg using biocide treated water, 2x tubing capacity and have clean returns (approximately 42 bbl if EOT is at 5,500').
17 WOC minimum 36 hours; TOO H with tbg, standing back. (DO NOT PRESSURE TEST UNTIL CBL IS RUN)
18 PU & TIH with 3-7/8" bit and 2-3/8" TBG. Drill out cement to CIGR at 6,890'.
19 TOO H with 2-3/8" tbg and 3-7/8" bit, SB TBG and BIT
20 MIRU E-Line.
21 PU and RIH w/ CCL-CBL-VDL tools and log from CIGR at 6,890' to surface. NOTE: TOC MUST BE ABOVE 6,720' (400' ABOVE TOP OF NIOBRARA FORMATION AT 7,120'). IF INSUFFICIENT CEMENT OR CEMENT IS NOT FOUND above 6,720', CONTACT EVANS.
22 POOH, RDMO E-Line.
23 ND BOP, ND existing tbg head off of 4-1/2" csg and install new WHI 5,000 psi
24 Pressure test the top squeeze perf hole, casing and tubing head to 1,000 PSI, for 15 min. If pressure test fails, contact Evans.
25 ND tubing head adaptor and master valve, NU BOP
26 PU & TIH with 3-7/8" bit and 2-3/8" TBG. Drill out CIGR and cement to below squeeze perf holes at 6,980'. Pressure test perf holes to 1,000 psi for 15 min.
27 Drill out CIBP at 7,170' and push to bottom if necessary, PBMD 7,935'.
28 TOO H w/ 2-3/8" tbg and 3-7/8" bit, stand back tbg, LD bit
29 Hydrotest tbg to 6,000 psi while TIH. PU 2-3/8" NC, 2-3/8" XN profile nipple, 2-3/8" tbg, packer rated to 10,000 psi (4-1/2", 10.5/11.6 #, K-55) and 2-3/8" tbg.
30 Land EOT at 7,319' (30' above top CD perf), set Packer minimum 100' below TOC from log in step 21 (estimated TOC will be at 6,550')
31 Fill 2-3/8" to 4-1/2" annulus w/ biocide treated water. Pressure test to 1,000 psi.

CASING AND CEMENTING CHANGES

Casing Type	Size	Of	/	Hole	Size	Of	/	Casing	Wt/Ft	Csg/LinTop	Setting Depth	Sacks of Cement	Cement Bottom	Cement Top

H2S REPORTING

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: _____ in ppm (parts per million)

Date of Measurement or Sample Collection _____

Description of Sample Point:

Absolute Open Flow Potential _____ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: _____

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: _____

COMMENTS:

Best Management Practices		
No	BMP/COA Type	Description

Operator Comments:

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

Signed: _____ Print Name: Cheryl Light
Title: Sr. Regulatory Analyst Email: DJRegulatory@anadarko.com Date: 9/9/2013

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: SCHLAGENHAUF, MARK Date: 9/23/2013

CONDITIONS OF APPROVAL, IF ANY:**COA Type****Description**

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General Comments**User Group****Comment****Comment Date**

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Total: 0 comment(s)

Attachment Check List**Att Doc Num****Name**

400478458	FORM 4 SUBMITTED
400478462	OTHER

Total Attach: 2 Files