

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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DE	ET	OE	ES
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**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: 47120 Contact Name Cheryl Light  
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6461  
 Address: P O BOX 173779 Fax: (720) 929-7461  
 City: DENVER State: CO Zip: 80217-3779 Email: cheryl.light@anadarko.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 24098 00 OGCC Facility ID Number: 286007  
 Well/Facility Name: ROCKY MOUNTAIN Well/Facility Number: 33-1  
 Location QtrQtr: NWSW Section: 1 Township: 3N Range: 66W Meridian: 6  
 County: WELD Field Name: WATTENBERG  
 Federal, Indian or State Lease Number: \_\_\_\_\_

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 NWSW Sec 1

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 1

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 1 Twp 3N Range 66W

New **Bottomhole** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_ Range \_\_\_\_\_

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>1951</u>	<u>FSL</u>	<u>653</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>3N</u>	Range <u>66W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>1351</u>	<u>FSL</u>	<u>48</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>3N</u>	Range <u>66W</u>		
Twp _____	Range _____		
<u>1351</u>	<u>FSL</u>	<u>48</u>	<u>FWL</u>
_____	_____	_____	_____

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\*\* attach deviated drilling plan



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    12/16/2014

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:**

**Rocky Mountain 33-1 – Bradenhead Procedure**

- 1 There is an existing deviation survey, so a gyro survey is not needed.
- 2 Casing was pressure tested at 6000 psi on March 8, 2011.
- 3 Notify the Foreman and Field Coordinator at least 24 hrs prior to rig move. If not already completed, request that they catch and remove plunger, isolate production equipment and remove any automation equipment prior to the rig showing up. Install perimeter fence as needed.
- 4 MIRU Slick line. Fish plunger if necessary and tag PBMD (Should be 7590').
- 5 Prepare location for base beam rig.
- 6 Spot 25 jts of 2-3/8" 4.7# J-55 8RD EUE tbg.
- 7 Spot 44 jts of 1-1/4" 2.33# J-55 IJ tbg.
- 8 Check wellhead for flanged-style connections and 5,000 psi rating. If wellhead is not rated to 5,000 psi or does not have flanged-style connections, install one that does prior to completing the job.
- 9 MIRU WO rig. Kill well with fresh water with biocide. ND wellhead, NU BOP.
- 10 Run two 2" lines from starting head to return tanks.
- 11 PU 8-10' landing joint with TIW safety valve on top and screw into the tbg hanger. Back out the lock down pins and pull up on the tbg string to break any possible sand bridges. Do not exceed 80% of tubing tensile strength, or 57,384-lb.
- 12 Unseat tbg hanger and LD tbg hanger and landing joint. Install rubber wiper in stripping head.
- 13 MIRU EMI equipment. TOO H with 2-3/8" tbg. EMI tbg while TOO H. Lay down joints with wall loss or penetrations >35%. Replace joints as necessary. Keep yellow and blue band tubing. Note joint number and depth of tubing leak(s) on production equipment failure report in OpenWells. Clearly mark all junk (red band) tubing sent to yard.
- 14 TIH 2-3/8" tbg with 4.5" RBP (4.5" 11.6# I-80). Set RBP at +/- 7051' (Collars at 7030' and 7072'). Spot 2 sx sand on top of RBP. TOO H with 2-3/8", SB tbg.
- 15 Pressure test RBP to 2,000 psi for 15 minutes. (Pressure test to make sure plug is set correctly)
- 16 ND BOP, un-land 4-1/2" csg, RU dual-entry flange, NU BOP. If casing cannot be safely un-landed, contact engineering for further support.
- 17 PU and TIH with 1-1/4" 2.33# IJ tbg to 1276'. Call Tod Haanes (cell# 303-929-2339) if you cannot land EOT at 1276'.
- 18 Pickup concentrated mud flush (Alcomer 74L – liquid mud thinner in 5 gallon bucket) from Imperial. Circulate the Alcomer 74L mud flush intermittently in sweeps as the 1-1/4" tbg is TIH (3 sweeps while TIH, and a 4th sweep when at 1276').
- 19 Circulate 96 bbls with rig pump (Circulate at least 1.5x annular volume from 1276').
- 20 MIRU cement company. Commence pumping cement job consisting of 10 bbls fresh water spacer, 252.7 cf (190 sx) of Type III with 1/4 lb/sk cello-flake mixed at 14.8 ppg and 1.33 cuft/sk blended for a 3 hr pump time (Cement from 500' to 1276').
- 21 Break lines, clean up with fresh water, RDMO cement company.
- 22 Slowly PU tubing string and land EOT at +/- 500'. Circulate with water so the TOC will be at +/- 500'. The goal is to have cement at least 100' into the surface casing. The surface casing shoe is located at 627'.
- 23 TOO H with 1-1/4" tbg. Circulate clean, LD 1-1/4" tbg.
- 24 ND BOP, ND dual entry flange, re-land 4-1/2" csg and NU BOP. Leave well shut in a minimum of 24 hours.
- 25 MIRU wire line and run CCL-GR-CBL-VDL from 3600' to 0' (from below TOC on previous CBL to surface). Email logs to engineering and DJVendors@anadarko.com. RDMO wire line.
- 26 TIH with 2 3/8" tbg and retrieving head and tag sand above RBP at +/- 7051'. Circulate sand off RBP. Latch onto RBP and release RBP. TOO H standing back all 2 3/8" tbg and LD RBP.
- 27 PU and TIH with 2-3/8" notched collar, 2-3/8" XN, 2-3/8" 4.7# J-55 tbg. Clean out to PBMD @ 7590'. TOO H and land 2-3/8" tbg @ +/- 7403'.
- 28 ND BOP, NU master valve.
- 29 Install 7 1/16" x 5,000 psi tubing head adaptor with new 5,000 psi master valve threaded 2 3/8" connection. Make sure all wellhead valves are rated to 5,000 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:

<b><u>Best Management Practices</u></b>	
<b><u>No BMP/COA Type</u></b>	<b><u>Description</u></b>

**Operator Comments:**

30 Install 2 3/8" pup joint above the master valve. Pressure test the tubing head from below the tubing head through the master valve to 5,000 psi with hydro tester. NU 5k wellhead.  
31 RDMO WO rig. Return well to production team.  
32 Clean location and swab well back to production. Notify field foreman/field coordinator of finished work and turn well back over to production team.

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: 12/2/2014

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: 12/3/2014

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

	The additional cement referenced shall be placed as indicated and comply with Rule 317.j. The placed cement shall be verified with a CBL and documented with a Form 5 Drilling Completion Report.
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**General Comments**

**User Group**

**Comment**

**Comment Date**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

**Attachment Check List**

**Att Doc Num**

**Name**

400743486	FORM 4 SUBMITTED
400743488	OTHER

Total Attach: 2 Files