

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

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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DE	ET	OE	ES
Document Number: <b>400761432</b>			
Date Received: <b>12/30/2014</b>			

**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 25504 00 OGCC Facility ID Number: 294573  
 Well/Facility Name: CANNON H Well/Facility Number: 33-33  
 Location QtrQtr: SWSW Section: 33 Township: 3N Range: 65W 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:

FNL/FSL		FEL/FWL	
<input type="text" value="1320"/>	<input type="text" value="FSL"/>	<input type="text" value="181"/>	<input type="text" value="FWL"/>

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

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Current **Surface** Location **From** QtrQtr  Sec

Twp  Range  Meridian

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

Twp  Range  Meridian

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

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	**
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Current **Top of Productive Zone** Location **From** Sec

Twp  Range

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

Twp  Range

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

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Change of **Bottomhole** Footage **To** Exterior Section Lines:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	**
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Current **Bottomhole** Location Sec  Twp  Range

\*\* attach deviated drilling plan

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 \_\_\_\_\_

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 CANNON H Number 33-33 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 01/13/2015

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:

1 PU and TIH 10,000 psi rated RBP above and below (4.5", 11.6#, M-80) and set RBP at +/- 6875' (collars located at 6853' and 6896').

2 Pressure test RBP to 1,000 psi for 15 minutes.

3 Dump 2 sks sand on top of RBP. POOH.

4 NU TBG head & tubing head adapter.

5 Make up stacked out TBG string into tubing head adapter.

6 ND TBG head adapter and master valve. Stack out TBG on RBP. NU BOP. Function test and document.

7 Bleed off pressure. ND BOP's, ND wellhead, Un-land 4-1/2" casing but do not exceed 80% of the tubing tensile strength which is 213,600 lbs, NU dual entry flange, NU BOP. Function test and document.

8 PU and TIH with 1-1/4" 2.33# J-55 10rd IJ tbg outside 4.5" csg to +/- 1600'. Run two 2" or one 3" line(s) from starting head to return tanks. If unable to achieve at least 1 bbl/min return, call engineering for alternate procedure. Circulate with 2 sweeps of Alcomer 74L and freshwater treated with biocide to clean up annulus while TIH. Make one last sweep with Alcomer 74L at 1600'. Continue to circulate with rig pump until clean returns are seen and well is dead.

9 Contact Imperial mud (min of 24hrs. in advance) and pump 40 bbls of 10.0ppg mud. Not acceptable to use re-hydrated mud from annular space. If gas is detected, contact engineering to discuss plan moving forward.

10 PUH to 1400'.

11 MIRU cement company.

12 Commence pumping cement job at pump rate of consisting 30 bbl spacer (5 bbls water, 20 bbls SMS, 5 bbls water), 137 sx (43 bbl) of Control Set C mixed at 13.5 ppg and 1.73 cuft/sk. Cement coverage is designed to go 1400' to 778' in 8.5" OH annulus and 778' to 678' in scsg with 20% excess.

13 TOO H with 1-1/4" tbg until EOT is at +/- 500' and circulate 2x tubing volume or until cement cleans up. TOO H remaining 1-1/4" tbg and LD all 1-1/4" tbg.

14 Break lines and clean up with fresh water. RMDO cement company.

15 ND bop, ND dual entry flange. NU 2-3/8" tbg head and BOP. Function test and document.

16 Leave well shut overnight.

17 Circulate gas out of hole with fresh water with biocide.

18 MIRU wireline and run CCL-GR-CBL-VDL from 2500' to surface'. Verify with Evans Engineering that new TOC is at 678' or higher. In addition to normal handling of logs/job summaries, email copies of all cement job logs/job summaries and invoices to rscDJVendors@anadarko.com within 24 hours of the completion of the job.

19 RDMO wireline.

20 PU and TIH with 2-3/8" TBG to sand above RBP at 6875'. Reverse circulate clean and latch onto RBP, unseat RBP.

21 TOO H while standing back 2-3/8" TBG and laying down retrieving head and RBP.

22 PU & TIH with 2-3/8" NC, 2-3/8" SN, and 2-3/8" TBG. Circulate clean to 7338'. N2 may be necessary to maintain circulation.

23 PUH to land TBG at +/- 7181' which is approximately 1 joint above Codell.

24 ND BOP, NU WH. Ensure all valves on WH are rated to minimum 5000 psi and update WH as necessary to flanged style WH. Ensure a new R-46 gasket is installed on WH.

25 MIRU hydrotester. Pressure test TBG head to 5000 psi for 15 minutes. After successful pressure test, proceed. RDMO hydrotester.

**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:

[Empty box for Operator Comments]

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: 12/30/2014

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: 12/31/2014

**CONDITIONS OF APPROVAL, IF ANY:**

<u>COA Type</u>	<u>Description</u>
	1) 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. 2) Please submit gyro survey data with Form 5 Drilling Completion Report.

**General Comments**

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

Total: 0 comment(s)

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
400761432	FORM 4 SUBMITTED
400761440	OTHER

Total Attach: 2 Files