

State of Colorado Oil and Gas Conservation Commission

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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.CO

Complete the Attachment
Checklist

OP OGCC

API Number : 05-123 11254 00	OGCC Facility ID Number: 243463
Well/Facility Name: DOROTHY SEBOLD UNIT-TRUE	Well/Facility Number: 1
Location QtrQtr: NWNW Section: 23 Township: 1N Range: 67W 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 **NWNW** Sec **23**

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	
1145	FNL	990	FWL
Twp 1N	Range 67W	Meridian 6	
Twp	Range	Meridian	
			**
Twp	Range		
Twp	Range		
			**
			** attach deviated drilling plan

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 DOROTHY SEBOLD UNIT-TRUE Number 1 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 10/13/2016

☐ 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:**DUAL STAGE ANNULAR FILL PROCEDURE**

1. Well needs dual stage annular fill from 4850' - 4350' and from 1560' to 895', a packer, and 5K well head upgrade.
2. Well has gyro on 11/6/2012.
3. Unable to find collar data for well. Possible adjustment may be necessary. Call on-call engineer should issues arise.
4. MIRU Slickline. Pull bumper spring and tag bottom. Record tag depth in Open Wells. RD slickline.
5. Prepare location for base beam equipped rig. Install perimeter fence as needed.
6. Check and record bradenhead pressure. If bradenhead valve is not accessible, re-plumb so that valve is above GL. Blow down bradenhead and re-check pressure the next day. Repeat until pressure stays at 0 psi.
7. Spot 25 jts of 2-3/8" 4.7# J-55 8RD EUE tubing and spot 4860' (~155 jts) of 1.66" 2.33# J-55 10RD tbq.
8. MIRU WO rig. Kill well as necessary with water and biocide.
9. ND wellhead. NU BOP.
10. PU tubing. Unseat and LD the landing joint.
11. MIRU EMI services. EMI 2-3/8" tbq (249 joints landed at 8014') while TOO H and tally while standing back. Lay down joints that have greater than 35% penetration or wall loss. Replace all joints that fail EMI testing. Document joint numbers and depth of bad tubing and create a Production Equipment Failure report in OpenWells. RDMO EMI services.
12. PU 10,000 psi rated from above and below RBP (5.5", 17#, J-55), retrieving head, and 2-3/8" tubing. Set RBP at +/- 7400' (no collar data).
13. Release tbq from RBP and circulate all gas out of the hole. Pumping water with biocide, pressure test RBP and production casing to 1000 psi for 15 minutes. If pressure test passes, proceed; otherwise contact engineering.
14. Circulate 2 sx of sand on top of RBP and TOO H and SB all 2-3/8" tubing.
15. MIRU WL. Run CCL-GR-CBL-VDL from 7400' to surface to confirm cement (no CBL records). Discuss log with engineering. Cementing plans could change pending cement top. Well needs Sussex coverage to 4352'.
16. ND BOP. ND wellhead. Un-land casing using a casing spear, not a lifting sub. Max pull shall be 100,000#. If unable to unland, contact Engineering. NU double entry flange and BOP. Install 1.66" pipe rams.
17. RU hydrotesters. PU 1.66" 2.33# J-55 10RD tubing and TIH between the 5-1/2" production casing and 8-5/8" surface casing/open hole to 4850' while continuously circulating and hydrotesting to 3000 psi. RD hydrotesters.
18. Make 2 sweeps of DF 20-20 while TIH. If unable to make it to 4850' contact Engineering. Circulate with the rig pump to condition the hole or until well is completely dead. Pump a final sweep of DF 20-20 at 4850'. Circulate a minimum of 1.5 annular volumes and ensure well is dead. If not able to circulate dead, contact engineering.
19. RU Cementers. Precede cement with 20 bbl (5 bbls of water, 10 bbls of sodium silicate, and 5 bbls water) spacer. Pump Sussex Annular Fill: 360 sx (428.9 cu.ft.) with Polyflake assumed at 14.2 ppg and 1.2 cf/sk. (500' in-between 12.5" OH (from caliper log) with 20% excess and 5-1/2" production casing). Cement is estimated to cover 4850'-4350'. Plan for 3 hour pump time. RD cementers.
20. PUH with 1.66" 2.3# J-55 10RD IJ tubing to 4150'. LD remaining tbq. Circulate with freshwater 1.5 times the hole volume or until returns are clean.
21. PUH to 1560'. LD remaining tubing.
22. RU Cementers. Precede cement with 10 bbl fresh water spacer. Pump Fox Hills Annular Fill: 240 sx (285.7 cu.ft.) with Polyflake assumed at 14.2 ppg and 1.2 cf/sk. (615' in-between 7.88" OH with 60% excess and 5-1/2" production casing and 200' in-between 9-5/8" surface casing and 5-1/2" production casing with no excess). Cement is estimated to cover 1560'-895'. Plan for 3 hour pump time. RD cementers.
23. PUH with 1.66" 2.3# J-55 10RD IJ tubing to 700'. LD remaining tbq. Circulate with freshwater 1.5 times the hole volume or until returns are clean.

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

<u>No</u>		<u>BMP/COA Type</u>	<u>Description</u>

Operator Comments:

24. TOO and LD all 1.66" 2.3# J-55 10RD IJ tubing. ND BOP and double entry flange. Use 4-1/2" casing spear to re-land 4-1/2" casing. NU BOP. Install 2-3/8" pipe rams. Shut well in and WOC for a minimum of 24hrs.

25. MIRU wireline and run CCL-GR-CBL-VDL from +/- 7400' (below the original TOC) to surface. If the cement is not at or above 4352', contact engineer. RDMO wireline services. In addition to normal handling, of logs/job summaries, email copies of all cement job logs/job summaries and invoices to DJVendors@anadarko.com within 24 hrs of the completion of the job.

26. PU and TIH with retrieving head and 2-3/8" tubing. Circulate sand off of RBP. Circulate gas out of hole. Latch onto and release RBP at +/- 7400'. TOO standing back all 2-3/8" tubing and LD RBP.

27. Hydrotest tubing to 3,000 psi while TIH. TIH with 2-3/8" NC, 2-3/8" XN nipple, 27 jts of 2-3/8" tbg (~834'), 5-1/2" Arrowset AS-1X packer rated to 10,000 psi (5-1/2", 17#) set at +/- 7180' (no collar data), 2-3/8" tbg to surface. Verify XN nipple sizes and enter in Open Wells. Land EOT at 8014'.

28. Load backside with packer fluid. (Julio Ramirez 970-518-2166 or Cesar Rodriguez 970-590-2682 with Reliable Services). Do not load hole with water out of the work tank. Pressure test PKR to 1,000 psi for 15 minutes.

29. RU rig lubricator. Broach tubing to XN seating nipple. RD rig lubricator. ND BOP.

30. Install 7-1/16" flanged 5000 psi tubing head adaptor with studed top, 2-1/16" flanged 5000 psi master valve, flanged 5000 psi 2-3/8" plunger lubricator (side outlets threaded). Make sure all wellhead valves are rated to 5,000 psi and all nipples are XXH. Document wellhead components in an OpenWells wellhead report.

31. 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 using hydrotester. If wellhead does not pressure test, replace wellhead/ wellhead valves as necessary with 5,000 psi rated equipment.

32. NU WH. RDMO WO rig. Return well 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: 10/5/2016

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

COGCC Approved: McCoy, Diane Date: 10/11/2016

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

	<p>1) Prior to starting repair work a bradenhead test shall be performed. If any pressure remains at the conclusion of the test or any liquids were present contact COGCC Engineer for sampling requirements before pumping any cement. The Form 17 shall be submitted within 10 days of the test.</p> <p>2) Verify primary cement top with CBL. If cement is not 6990' or shallower (200' above Niobrara top) provide remedial cement for Niobrara isolation. The additional cement referenced shall be placed as indicated. The placed cement shall be verified with a CBL and documented with a Form 5.</p> <p>3) Please submit gyro survey data.</p>
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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>
401124497	FORM 4 SUBMITTED
401124505	OTHER
401124506	WELLBORE DIAGRAM

Total Attach: 3 Files