FORM 4
Rev 04/13

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

DE	ET	OE	ES

Document Number: 400814769

Date Received: 03/25/2015

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 22577 00 OGCC Facility ID Number: 274772

Well/Facility Name: ANDERSON Well/Facility Number: 10-34

Location QtrQtr: NWSE Section: 34 Township: 3N Range: 68W Meridian: 6

County: WELD Field Name: WATTENBERG

Federal, Indian or State Lease Number:

Survey Plat		
Directional Survey		
Srfc 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)

	FNL/FSL		FEL/FWL		
Change of **Surface** Footage **From** Exterior Section Lines:	2025	FSL	2150	FEL	
Change of **Surface** Footage **To** Exterior Section Lines:					

Current **Surface** Location **From**	QtrQtr	NWSE	Sec	34	Twp	3N	Range	68W	Meridian 6
New **Surface** Location **To**	QtrQtr		Sec		Twp		Range		Meridian

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:	2100	FSL	2050	FEL	
Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:					**

Current **Top of Productive Zone** Location **From**	Sec	34	Twp	3N	Range	68W
New **Top of Productive Zone** Location **To**	Sec		Twp		Range	

Change of **Bottomhole** Footage **From** Exterior Section Lines:	2100	FSL	2050	FEL	
Change of **Bottomhole** Footage **To** Exterior Section Lines:					**

Current **Bottomhole** Location	Sec	34	Twp	3N	Range	68W	** 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

Objective Formation	Formation Code	Spacing Order Number	Unit Acreage	Unit Configuration

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 ANDERSON Number 10-34 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 03/30/2015

☐ REPORT OF WORK DONE Date Work Completed _____

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

COMMENTS:

Attached procedure replaces Form 4 filed on 09/19/2014 (400691721) approved 09/25/2014

1.Well has Gyro 2013
2 Call IOC (970.506.5980) before rig up to isolate production equipment. Catch and remove plunger. Enter plunger into PLUNGER DATABASE. Call 24 hours prior to the rig moving onto location so that any automation equipment can be removed prior to the rig showing up. Install fence if needed. If surface casing is not accessible at ground level, re-pipe so valve is at ground level.
3 Check for surface casing pressure, bleed off as necessary.
4 Level location for base beam rig.
5 MIRU Cable slickline service company. RIH to retrieve production equipment. RIH and tag for fill, unknown last cleanout to 7448'. Note tagged depth in OpenWells.
6 MIRU Workover (WO) Rig. Control well with biocide treated water. Nipple Down (ND) Wellhead (WH) and Nipple Up (NU) Blow Out Preventer Equipment (BOP). Function test and document BOP. Unseat landing joint and lay down (LD).
7 Spot 7 jnts 2-3/8"/ 4.7#/J55 8rd EUE tbg for cleanout and replacement. Tie into 2-3/8" tbg string. Cleanout to 7448'.
8 MIRU EMI services. EMI 2-3/8" TBG on TOOH and tally while standing back. Lay down joints with wall loss or penetrations > 35%. Replace bad joints as necessary. Note joint number and depth of bad tubing and create Production Equipment Failure Report in OpenWells. RDMO EMI services.
9 PU TIH with 2-3/8" TBG and RBP rated to 10,000 psi (4-1/2", 11.6#, I-80) and set at +/- 7,040' (reference Schlumberger Wireline CBL dated 10/17/2005 – collars are at 7032' and 7074').
10 Pressure test RBP/casing though tubing with BOP to 1000 psi using water w/ biocide for 15 min. If pressure test fails, contact Evans office for possible change in procedure.
11 TOOH with 2-3/8" and SB.
12 PU and RIH w/ CCL-CBL-VDL tools and log from 1,200' to surface with 1000 psi casing pressure. Clear with Evans engineering and email logs to Anne.Kremer@Anadarko.com before proceeding – Email copies of logs, summaries and invoices to rscDJVendors@Anadarko.com within 24hrs. If cement from surface to 213' is not present:
13 Bleed off pressure. ND BOP's, ND wellhead, Un-land 4 ½" casing, NU dual entry flange, NU BOP.
14. PU 1.66" 2.3#/ft J-55 10rd IJ tubing, and TIH outside 4-1/2" casing in open hole to TOC at approx. 980'. Circulate with the rig pump while TIH to clean up the annulus. Use two sweeps of Alcomer 74L while TIH and a final sweep at 980', circulate until well is dead. Make sure no pressure is present on bradenhead before moving on to the next step. If gas is detected, contact engineering to discuss plan moving forward.
15 MIRU cement services. Pump: 5 bbl water w/biocide, 20 bbl Sodium Metasilicate, and another 5 bbl spacer immediately preceding cement. Pump 90 cu ft/? sx Type III CaCl2 cement w/0.25 pps cello flake mixed at 14.8 ppg and 1.33 cf/sx from to place cement from 980' to 675' (8.25" hole avg from caliper, adding 20% excess, and 675' to 575' inside 7-7/8" surface casing).
16 PUH to 375' and circulate 1.5 times the hole volume of water or until no cement returns are seen. TOOH with 1.66" tubing.
17 RDMO cementing company.
18 ND BOP. ND dual entry flange and crossover. Pick up and land 4-1/2" casing in slips.
19 Install new GE 5000 psi 4-1/2" bottom threaded tbg head with 7-1/16" flanged top, 7-1/16" flanged 5000 psi tbg head adaptor with 2-1/16" studded top, 2-1/16" flanged 5000 psi master valve, flanged 5000 psi 2-3/8" plunger lubricator (side outlets threaded). All valves, fittings, plugs on well head need to be rated for 5000 psi. NU BOP.
20 Leave well shut in for ~24hrs.

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:

MIRU wireline and run CCL-GR-CBL-VDL from 1200' to surface. Send CBL to anne.kremer@anadarko.com. If new top of cement is below 575' notify Engineering. 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.
22 RDMO wireline.
23 PU and TIH with 2-3/8" tbg and retrieving head. Circulate sand off RBP at @ +/-7,040'. TOOH with RBP and SB tbg.
24 TIH with 2-3/8" NC, 2-3/8" XN SN and 2-3/8" 4.7# J55 EUE tbg, cleanout as necessary. Land tbg @ +/- 7280' (1 jt above top Codell perf).
25 Broach tubing to seating nipple. ND BOP's, NU master valve and tubing head adaptor.
26 GE should pressure test tbg head through test port on side of tbg head adaptor flange to 5000 psi for 15 mins.
27 RDMO WO rig.
28 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: 3/25/2015

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: 3/29/2015

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description
	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

User Group	Comment	Comment Date
Engineer	Changing previously approved procedure (perf and squeeze) to annular fill whcih will relieve Bradenhead pressure.	3/29/2015 4:17:23 PM

Total: 1 comment(s)

Attachment Check List

Att Doc Num	Name
400814769	FORM 4 SUBMITTED
400814773	OTHER

Total Attach: 2 Files