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: 401332037

Date Received:

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 29464 00 OGCC Facility ID Number: 299663

Well/Facility Name: SEC FOUR Well/Facility Number: 35-4

Location QtrQtr: NESW Section: 4 Township: 1N 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:	1714	FSL	1645	FWL	
Change of **Surface** Footage **To** Exterior Section Lines:					
Current **Surface** Location **From**	QtrQtr NESW	Sec 4	Twp 1N	Range 68W	Meridian 6
New **Surface** Location **To**	QtrQtr	Sec	Twp	Range	Meridian
Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:	78	FSL	1327	FWL	
Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:					**
Current **Top of Productive Zone** Location **From**	Sec 4		Twp 1N		Range 68W
New **Top of Productive Zone** Location **To**	Sec		Twp		Range
Change of **Bottomhole** Footage **From** Exterior Section Lines:	78	FSL	1327	FWL	
Change of **Bottomhole** Footage **To** Exterior Section Lines:					**
Current **Bottomhole** Location	Sec 4		Twp 1N		Range 68W
New **Bottomhole** Location	Sec		Twp		Range

** attach deviated drilling plan

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 SEC FOUR Number 35-4 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 07/07/2017

☐ 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:

BRADENHEAD REMEDIATION (RESIN) PROCEDURE
1. Well has directional survey from drilling on 7/21/2009. No GYRO is needed.
2. Notify Automation Removal Group at least 24 hours prior to rig move.
3. Notify Foreman to pull bumper spring and plunger, isolate production equipment, and remove any automation prior to rig MIRU. Install perimeter fence as needed.
4. Operations needs to 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.
5. MIRU slickline. RIH to retrieve production equipment and tag for fill. Note tagged depth in Openwells.
6. MIRU beam balanced workover rig. Spot a min of 25 jts of 2-3/8" 4.7# J-55 EUE tbg.
7. Kill well as necessary with biocide treated fresh water. ND wellhead. NU BOP.
8. Unland 2-3/8" tbg and LD landing joint.
9. MIRU EMI services. EMI 2-3/8" tbg while TOOH and tally while standing back. Do not exceed safety tensile load of 57,000 lbs. LD 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.
10. RU Wireline. PU and RIH with gauge ring (4-1/2", 11.6#) to 7600'. POOH. RDMO WL.
11. PU and TIH with CIBP (4.5", 11.6#) on 2-3/8" tbg and set at +/- 7590' (collars @ 7568' and 7612').
12. Pick up 1 joint above CIBP, and circulate all gas out of hole. Land tubing and MIRU hydrotester. Pumping water with biocide, pressure test against CIBP to 5K for 15 minutes. Unland tubing and TOOH while SB all 2-3/8" tubing. LD setting tool. RDMO hydrotester.
13. MIRU WL. Run Halliburton CAST-M/RMT/ACX/PRT log from 7590' to surface (contact is Joel Walden – 303-502-6786). Expedite interpretation. Send results to engineering. RDMO WL and wait for orders from engineering.
14. MIRU WL. PU and RIH with one 3-1/8" perf gun with 4 spf, and 90° phasing. Shoot 1' of squeeze holes at 1500' (depth and phasing to be confirmed by logging interpretation). POOH. SB WL.
15. Establish injection to ensure micro-annulus was contacted. Maximum pump pressure 1200 psi. Contact engineer to confirm cement design with HAL based on injection rates and pressures. Monitor bradenhead pressure during injection.
16. RU WL. PU and RIH with (4-1/2", 11.6#) CIBP and set at 1530' (~30' below sqz holes; collars @ 1510' and 1555'). Establish injection. If rate differs from Step 15, contact engineer to revise resin design.
17. PU and TIH with 2-3/8" tubing to 1495' (5' above squeeze holes).
18. RU Pump Truck. Place 5 bbls of resin across the perfs, displacing with water (volumes to be confirmed with HAL). TOOH to 500' and reverse circulate the tubing clean. TOOH and SB all 2-3/8" tubing. Close blind rams on BOP. Perform hesitation squeeze until less than 5% pressure is bled off over 30 minutes.
19. Install crystal gauge to monitor BH pressure after hesitation squeeze and wait on resin 24 hours.
20. PU and TIH with 3-7/8" rock bit, appropriate number of 3-1/2" drill collars, and 2-3/8" 4.7# J-55 to surface with appropriate crossovers to top of resin at ~1200'.
21. RU power swivel. Establish circulation with biocide treated fresh water and time drill resin. If ROP is greater than 1 foot in 2 minutes (1 jt an hour), contact engineering and continue to wait on resin. Otherwise, continue drilling resin and CIBP until you fall free. Contact engineering if at any point torque and/or rate of penetration drop significantly.
22. Once bit falls free, circulate bottoms up and PT holes to 1000 psi. If successful, proceed. Otherwise, contact engineering.
23. RD power swivel. TOOH LD all work string, drill collars and drill bit.
24. MIRU WL. PU and RIH with CCL-GR-CBL-VDL. Run log from 5500' to 1000' and send results to Engineering. Report cement tops in OpenWells. RDMO WL.

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:

25. TIH with 3-7/8" bit on 2-3/8" tbg and drill out CIBP at 7590'. Chase CIBP to bottom.
26. MIRU hydrotesters. Hydrotest 2-3/8" tubing to 3000 psi while TIH. Plan to use existing tubing hanger on wellhead to land tbg.
27. RIH with: 2-3/8" NC, XN, and 253 jts 2-3/8" 4.7# J-55 tbg and land at +/- 7970 (1 jt above top Codell perf).
28. RU rig lubricator. Broach tubing to seating nipple. RD rig lubricator.
29. ND BOP. NU 7-1/16" flanged 5,000 psi tubing head adaptor with 2-3/8" studded top, 2-3/8" flanged 5,000 psi master valves, and 2 -3/8" pup joint above the master valve. Make sure all wellhead valves are rated to 5,000 psi and all nipples are XXH. Document wellhead components in Openwells wellhead report.
30. MIRU hydrotester and test top flange assembly to 5,000 psi for 15 minutes.
31. RDMO workover 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: _____

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

COGCC Approved: Date:

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)

Attachment Check List

Att Doc Num	Name
401332040	OTHER
401332041	WELLBORE DIAGRAM

Total Attach: 2 Files