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

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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 15686 00 OGCC Facility ID Number: 247888

Well/Facility Name: HSR-RAND Well/Facility Number: 11-14

Location QtrQtr: NESW Section: 14 Township: 3N Range: 66W 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:	1810	FSL	2138	FWL	
Change of **Surface** Footage **To** Exterior Section Lines:					

Current **Surface** Location **From** QtrQtr NESW Sec 14 Twp 3N Range 66W Meridian 6

New **Surface** Location **To** QtrQtr Sec Twp Range Meridian

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 Twp Range

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

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

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

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 HSR-RAND Number 11-14 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 05/02/2014

☐ 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:

The HSR-Rand 11-14A needs cement to cover the Sussex and Fox Hills marker to fulfill a COA.
1 Call Foreman or Lead Operator at least 24 hr 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.
2 MIRU slickline. Fish plunger from lubricator. RIH and pull the bumper spring and standing valve if necessary. RBIH with sinker bars and tag bottom. Report findings. PBTD should be around 7946'. RDMO slickline.
3 MIRU WO rig and auxiliary equipment. Check pressures. ND tree and adapter flange, NU BOP.
4 PU landing joint. TIW valve on top and screw into the tbg hanger. Back out the lock down pins and pull up on tbg string to break any possible sand bridges, unseat landing joint and lay down.
5 MIRU EMI equipment. TOOH with 2-3/8", 4.7#, J-55 tbg. EMI tbg while standing back 227 joints of 2-3/8" tbg and LD 11 joints of 1-1/4" tbg (EOT at 7778'). Lay down joints with wall loss or penetrations >35%. Replace joints as necessary. 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.
6 PU casing scraper for 4-1/4", 11.6# casing and TIH to 7430', Circulate all debris from wellbore with clean water. POOH and stand back tubing and LD scraper.
7 RIH on wireline with CCL and 4-1/2" RBP. Set RBP at +/- 6990' (collars at 6967' and 7008') and POOH. Dump bail 2 sx of sand on top of RBP and POOH. Pressure test RBP to 1,000 psi for 15 minutes.
8 RIH with CCL-GR-CBL-VDL. Run from top of RBP (and 2 sx of sand) to surface. Send CBL to Tyler Davis (Tyler.Davis@anadarko.com) for review to verify cement/perforation plans. If cement is present to 1130', then remedial cement isn't necessary. ND lubricator. 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.
9 Rig up one 3" line from the casing head annulus to work tank. Kill well with fresh water. ND BOP, ND tubing head. Install 4-1/2" 7.5K frac valve on 4-1/2" csg.
10 NU lubricator, PU CCL and perf guns. Correlate depth to CBL. PUH and shoot squeeze holes as per the following: 5115'-5116', 3 spf, 0.38" EHD. PUH and shoot circulation holes as per the following 4125'-4126', 3 spf, 0.6" EHD. POOH and LD guns. Referencing the CBL, ensure perforations are not made on a collar.
11 RIH and set CICR at 4965' (refer to CBL for collar depths). RDMO wireline.
12 PU stinger and RIH on 2-3/8" tbg. Sting into CICR at 4965'.
13 Establish circulation down tubing with biocide treated water. Note rate, pressure, volume pumped, and returns percent.
14 NU cement head (with configuration to drop a wiper plug) and RU cement services. Pump a 30 bbl (5 bbls water, 20 bbls SMS, 5 bbls water) spacer. Prepare to cement.
15 Mix and pump ~285 sx G neat cement + ¼ #/sk cello flake +0.4% dispersant + 0.4% anti-settling agent, mixed at 15.8 ppg and 1.15 cu ft/sk, into squeeze holes at 5115'. Displace cement 1.5 bbl short of CICR. Sting out of CICR, place ½ bbl of remaining cement on top of CICR. PUH to squeeze circulation holes at 4125'. Place remaining cement across holes. PUH 3 stands and reverse out. Design is for coverage from 5115' to 4125' in 7.88" hole including a 20% excess.
16 TOOH and stand back tbg. LD stinger.
17 Pressure test casing to 500 psi for 15 minutes in order to use the cement as a plug.
18 RIH with CCL and perf guns. Correlate depth to CBL. PUH and shoot squeeze holes as per the following: 1300'-1301', 3 spf, 0.38" EHD. POOH and LD guns.
19 PU and TIH retrievable packer for 4-1/2", 11.6, I-70 casing. Set packer at 500'. Establish injection/circulation before setting CICR. Note rate, pressure, volume pumped. Release packer and TOOH while standing back tubing and LD packer.
20 RIH and set CICR at 1200'. RDMO

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:

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: 4/24/2014

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

COGCC Approved: JENKINS, STEVE Date: 4/25/2014

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

Attachment Check List

Att Doc Num	Name
400595667	FORM 4 SUBMITTED
400595669	OPERATIONS SUMMARY

Total Attach: 2 Files