FORM 4 Rev 04/13

State of Colorado
Oil and Gas Conservation Commission

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DE	ET	OE	ES

Document Number: 400610698

Date Received: 05/19/2014

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 REBECCA HEIM

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6361

Address: P O BOX 173779 Fax: (720) 929-7361

City: DENVER State: CO Zip: 80217-3779 Email: REBECCA.HEIM@ANADARKO.COM

Complete the Attachment Checklist

OP OGCC

API Number : 05- 123 21294 00 OGCC Facility ID Number: 265851

Well/Facility Name: WEST FARMS Well/Facility Number: 8-14A

Location QtrQtr: SENE Section: 14 Township: 3N Range: 67W 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:		1813	FNL	355	FEL	
Change of **Surface** Footage **To** Exterior Section Lines:						
Current **Surface** Location **From**	QtrQtr SENE Sec 14 Twp 3N Range 67W Meridian 6					
New **Surface** Location **To**	QtrQtr Sec Twp Range Meridian					
Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:		2030	FNL	500	FEL	
Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:						**
Current **Top of Productive Zone** Location **From**	Sec 14 Twp 3N Range 67W					
New **Top of Productive Zone** Location **To**	Sec Twp Range					
Change of **Bottomhole** Footage **From** Exterior Section Lines:		2030	FNL	500	FEL	
Change of **Bottomhole** Footage **To** Exterior Section Lines:						**
Current **Bottomhole** Location	Sec 14 Twp 3N Range 67W					
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 WEST FARMS Number 8-14A 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 06/02/2014

☐ 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:

BRADENHEAD

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:

1 Call Foreman or Lead Operator at least 24 hrs 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. PBTO should be at 7793'. RIH with GYRO, run GYRO from SN (+/- 7667') to surface making stops every 100'. RDMO slickline.
3 Prepare location for base beam rig.
4 Spot a minimum of 25 jts of 2-3/8",4.7#, J-55, EUE tbg for replacement and 80 jts 1-1/4", 2-33#/ft, J-55, 10rd IJ for annular cement job.
5 MIRU WO rig and auxiliary equipment. Check pressures. Rig up 2" line from the casing head annulus to work tank. Kill well with fresh water. ND tree and adapter flange, NU BOP's.
6 PU 8-10' 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. Do not exceed 80% of tubing tensile strength, or 57,380-lb. Clean out as necessary to 7850'.
7 MIRU EMI equipment. TOOH with 2-3/8" tbg. EMI tbg while TOOH. 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 Open Wells. Clearly mark all junk (red band) tubing sent to yard.
8 TIH with 2-3/8" tbg and 4.5" RBP. Set RBP @ +/-6850', (collars are at 6828' and 6870'). Pressure test RBP to 5000 psi. Spot 2sx of sand on top of RBP and TOOH.
9 Bleed off pressure. ND BOP's, ND wellhead, Un-land 4 1/2" casing, NU dual entry flange, NU BOP.
10 PU 1-1/4" 2.3#/ft J-55 10rd IJ tubing, and TIH outside 4-1/2" casing in open hole to ~2500'. Circulate with freshwater treated with biocide to clean up annulus while TIH, circulate with rig pump until clean returns are seen.
11 Contact Imperial mud (min of 24hrs. in advance) to bring out 40bbls of 10.0ppg mud, circulate the well with continuous sweeps of mud until well is completely dead and all gas is removed from annulus (shut in well for 1 hr to ensure no gas is present).
12 If gas is detected, contact engineering to discuss plan moving forward.
13 PUH to ~1400' to displace cement.
14 MIRU cement services. Prepare to cement. Mix and pump 210sx (~57bbls) of 14.0 ppg (1.53 cuft/sk) Type III and gas block additive. The cement to be retarded for 80 OF and 3 hour pump time.
15 TOOH ~38 joints to ~200' and reverse circulate 2 times the tubing volume of water or until clean returns are seen. TOOH with 1-1/4" tubing.
16 RDMO cementing company.
17 ND BOP. ND dual entry flange and crossover. Pick up and land 4-1/2" casing in slips. NU 4-1/2" 5000 psi tubing head with 2-5000 psi valves (use new style flanged well head equipment if available). NU BOP's to tubing head.
18 Leave well shut in for ~36hrs .
19 MIRU wireline and run CCL-GR-CBL-VDL from 6850' to surface. Notify the Engineer of the top of cement. 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 ofthe completion of the job.
20 RDMO wireline.
21 PU and TIH with 2-3/8" tbg and retrieving head. Circulate sand off RBP at @ +/-6850'. TOOH with RBP and SB tbg.
22 TIH with 2-3/8" NC, 2-3/8" XN SN and 2-3/8" 4.7# J55 EUE tbg, circulate out fill if necessary to 7793'. Land tbg @ +/- 7250'.
23 Broach tubing to seating nipple. ND BOP's, NU master valve and tubing head adaptor. Hydrotest tubing head to 5000 psi for 15 minutes.
24 RDMO WO rig.
25 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: REBECCA HEIM

Title: SR. REGULATORY ANALYST Email: rscdjpostdrill@anadarko.com Date: 5/19/2014

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: 5/20/2014

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description
	1) The additional cement referenced shall be placed as indicated and comply with Rule 317.i. 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

Total: 0 comment(s)

Attachment Check List

Att Doc Num	Name
400610698	FORM 4 SUBMITTED
400610702	OTHER

Total Attach: 2 Files