

State of Colorado
Oil and Gas Conservation Commission

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



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|--------------------------------------|----|----|----|
| DE | ET | OE | ES |
| Document Number: 400598224 | | | |
| Date Received: 04/29/2014 | | | |

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 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 15695 00 OGCC Facility ID Number: 247897
 Well/Facility Name: HSR-ROSSEN Well/Facility Number: 14-11A
 Location QtrQtr: SESW Section: 11 Township: 3N Range: 66W 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 SESW Sec 11

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 _____ Range _____

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 _____

| | | | |
|---------------|------------------|-------------------|------------|
| FNL/FSL | | FEL/FWL | |
| <u>638</u> | <u>FSL</u> | <u>2171</u> | <u>FWL</u> |
| _____ | _____ | _____ | _____ |
| Twp <u>3N</u> | Range <u>66W</u> | Meridian <u>6</u> | |
| Twp _____ | Range _____ | Meridian _____ | |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ ** |
| Twp _____ | Range _____ | | |
| Twp _____ | Range _____ | | |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ ** |

** attach deviated drilling plan

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 05/09/2014

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:

REMEDIAL CEMENT - SAFETY PREP.

1 Note: this well has a 2000 psi rated wellhead and will need a 5,000 psi rated wellhead.
 2 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.
 3 MIRU slickline. Fish plunger from; lubricator. Rlli and pull the bumper spring and standing valve if necessary. RBill with sinker bars and tag bottom. Report findings. PBSD should be around 7702'. RDMO slickline.
 4 MIRU WO rig and auxiliary equipment. Check pressures. ND tree and adapter flange, NU BOP. S 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.
 6 MIRU EMI equipment. TOO H with 2-3/8", 4.7#, J-SS tbg. EMI tbg while standing back 224 joints of 2-3/8" tbg (EOT at 732S'). Lay down joints with wall loss or penetrations >3S%. 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.
 7 PU casing scraper for 4-112", 11.6# casing and Till to 7400', Circulate all debris from wellbore with clean water. POOH and stand back tubing and LD scraper.
 8 Rlli on wireline with CCL and 4-112" RBP. Set RBP at +/- 7000' (collars at 6984' and 7027') and POOH. Dump bail 2 sx of sand on top of RBP and POOH. Pressure test RBP to 1,000 psi for IS minutes.
 9 Rlli 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 1090', 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 rscDNendors@anadarko.com within 24 hours of the completion of the job.
 10 Rig up one 3" line from the casing head annulus to work tank. Kill well with fresh water. ND BOP, ND tubing head. Install 4-112" 7.SK frac valve on 4-112" csg.
 11 NU lubricator, PU CCL and perf guns. Correlate depth to CBL. PUH and shoot squeeze holes as per the following: S16S' -S166', 3 spf, 0.38" EHD. PUR and shoot circulation holes as per the following 420S'-4206', 3 spf, 0.6" EHD. POOH and LD guns. Referencing the CBL, ensure perforations are not made on a collar.
 12 Rlli and set CICR at SOIS ' (refer to CBL for collar depths). RDMO wireline.
 13 PU stinger and Rlli on 2-3/8" tbg. Sting into CICR at SOIS'.
 14 Establish circulation down tubing with biocide treated water. Note rate, pressure, volume pumped, and returns percent.
 IS NU cement head (with configuration to drop a wiper plug) and RU cement services. Pump a 30 bbl (S bbls water, 20 bbls SMS, S bbls water) spacer. Prepare to cement.
 16 Mix and pump ~285 sx G neat cement + 114 #/sk cello flake +0.4% dispersant + 0.4% anti-settling agent, mixed at IS.8 ppg and LIS cu ft/sk, into squeeze holes at S16S'. Displace cement I.S bbl short of CICR. Sting out of CICR, place Yi bbl of remaining cement on top of CICR. PUR to squeeze circulation holes at 420S' . Place remaining cement across holes. PUR 3 stands and reverse out. Design is for coverage from S16S ' to 420S ' in 7.88" hole including a 20% excess.
 17 TOO H and stand back tbg. LD stinger.
 18 Pressure test casing to SOO psi for IS minutes in order to use the cement as a plug.
 19 Rlli with CCL and perf guns. Correlate depth to CBL. PUR and shoot squeeze holes as per the following: 1300'-1301', 3 spf, 0.38" EHD. POOH and LD guns.
 20 PU and Till retrievable packer for 4-112", 11.6, I-70 casing. Set packer at S 00' . Establish injection/circulation before setting CICR. Note rate, pressure, volume pumped. Release packer and TOO H while standing back tubing and LD p

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:

[Empty text box for 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: 4/29/2014

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: 5/2/2014

CONDITIONS OF APPROVAL, IF ANY:

| <u>COA Type</u> | <u>Description</u> |
|-----------------|--------------------|
| | |

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> |
|--------------------|--------------------|
| 400598224 | FORM 4 SUBMITTED |
| 400598225 | OPERATIONS SUMMARY |

Total Attach: 2 Files