

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
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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 14612 00 OGCC Facility ID Number: 246815
 Well/Facility Name: UPRR 22 PAN AM UT/U/ Well/Facility Number: 2
 Location QtrQtr: NWNW Section: 21 Township: 3N Range: 65W 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 NWNW Sec 21

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 _____

New **Bottomhole** Location Sec _____ Twp _____

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>1040</u>	<u>FNL</u>	<u>1010</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>3N</u>	Range <u>65W</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 04/28/2015

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:

1 Well needs dual stage annular fill from 4780' to 3650' and 1300' - 570' due to Bradenhead pressure and needs a packer set for upcoming HZ frac.
2 Well has Gyro survey 9/3/14.
3 Call Automation Removal Group 24 hours before rig up to isolate any production equipment (remove plunger, wellhead automation, etc.). Prepare to move base beam rig onto location. Install fence if needed.
4 Check and report surface casing pressure. If valve is not accessible at ground level, re-plumb so valve is at ground level.
5 MIRU slickline. RIH to retrieve production equipment and tag for fill. Note tagged depth in OpenWells. RDMO slickline.
6 MIRU WO rig. Spot 4880' of 1.66" 2.33# J-55 10RD IJ tbg. Kill well as necessary with water and biocide. Attach a hardline from the bradenhead/surface casing valve to a flowback tank and blow down any Bradenhead pressure. (Bradenhead pressure: Form 17 performed on 11/25/2014. Surface casing pressure started at 453 psi, blew down to 95psi and built back up to 147 psi). If pressure does not blow down within 1 hour contact engineer, otherwise proceed.
7 ND wellhead. NU BOP.
8 PU 8-10' pup joint with TIW valve on top and screw into the tbg hanger. Back out the lock down pins and pull up on the tubing string to break any possible sand bridges. Unseat and LD the landing joint.
9 MIRU EMI services. EMI 2-3/8" tbg while TOO H and tally while standing back. Lay down 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 PU 10,000 psi rated from above and below RBP (5.5", 17.0#), retrieving head, and 2-3/8" tubing. Set RBP at +/- 6300' (collars located at 6280' and 6324').
11 Release tbg from RBP and circulate all gas out of the hole. Pumping water with biocide, pressure test RBP and production casing to 1,000 psi for 15 minutes. If pressure test passes, proceed; otherwise contact engineering.
12 Circulate 2 sx of sand on top of RBP and TOO H with 2-3/8" tubing.
13 ND BOP. ND wellhead. Screw 5-1/2" pup joint into production casing and un-land 5-1/2" production casing. NU double entry flange and BOP. Install 1.66" pipe rams.
14 PU 4880' of 1.66" 2.33# J-55 10RD IJ tubing and TIH between the 5-1/2" production casing and 8-5/8" surface casing/open hole to +/- 4880'. 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 4880', and circulate until well is dead. Make sure no pressure is present on bradenhead. If gas is detected contact engineering.
15 Contact Ed Asuchak at 970-515-1170 for mud (min of 24hrs in advance). Pump 20 bbl of 10.0 ppg mud at 4780'. Leave 1.66" tbg full of mud to avoid wet trip and PUH to 4780' to place cement in annulus and LD extra tbg.
16 MIRU cementing services. Establish circulation and pump 5 bbls of water, 20 bbls of sodium metasilicate, and 5 bbls water ahead of cement. Proceed to cement with 330 sx Class G cement with 0.25 pps cello flake, 0.4% CD-32 and 0.4% ASA-301 mixed at 15.8 ppg and 1.15 cf/sx (cement volume based on 9" hole size + 20% excess from 4780'-3650'). Attempt to cement from 4780' to 3650'.
17 TOO H with 1.66" 2.3# J-55 10RD IJ tubing until EOT is at 3450' and LD extra tbg. Circulate with freshwater 1.5 times the hole volume or until returns are clean.
18 TOO H with 1.66" 2.3# J-55 10RD IJ tubing until EOT is at 1300' and LD extra tubing.

19 Pump 210 sx Type III cement with 0.25pps cello flake and CaCL2, mixed at 14.8 ppg and 1.33 cuft/sx (based on 9" hole size + 40% excess from 1300'-693'). Attempt to cement from 1300' to 590'.
20 TOO H with 1.66" 2.3# J-55 10RD IJ tubing until EOT is at 390' and LD extra tbg. Circulate with freshwater 1.5 times the hole volume or until returns are clean. RDMO cementing services.

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:

<u>Best Management Practices</u>	
<u>No BMP/COA Type</u>	<u>Description</u>

Operator Comments:

21 TOOH and LD all 1.66" 2.3# J-55 10RD IJ tubing. ND BOP and double entry flange. Use 5-1/2" pup joint to re-land 5-1/2" casing.

22 Install a new or refurbished 5000 psi 5-1/2" bottom threaded tubing head with 7-1/16" flanged top, 5000 psi wellhead valves and XXH nipples. NU BOP. Install 2-3/8" pipe rams. Shut well in and WOC for at least 24 hrs.

23 MIRU wireline and run CCL-GR-CBL-VDL from +/- 6300' to surface. If the cement is not at or above 590' contact engineer. RDMO wireline services. 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 hrs of the completion of the job.

24 PU and TIH with retrieving head and 2-3/8" tubing. Circulate sand off of RBP. Latch onto and release RBP at +/- 6300'. TOOH standing back all 2-3/8" tubing and LD RBP.

25 PU 2-3/8" NC, 2-3/8" XN nipple (be sure nipple is correctly input into OpenWells), 39 joints 2-3/8" 4.7# J-55 tbg, Arrowset AS-1X packer rated to 10,000 psi, and 2-3/8" 4.7# J-55 tbg to surface. Hydrotest tubing to 6000 psi while TIH. Set packer at +/- 6300' (collars at 6280' and 6324'). Land EOT at +/- 7625' (1 joint above the top JSand perfs).

26 Load 2-3/8" x 5-1/2" annulus with biocide treated water and pressure test to 1000 psi for 15 minutes to be sure packer is set properly.

27 RU rig lubricator. Broach tubing to XN seating nipple. RD rig lubricator. ND BOP.

28 Install 7-1/16" flanged 5000 psi tubing 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). Make sure all wellhead valves are rated to 5,000 psi and all nipples are XXH. Document wellhead components in an OpenWells wellhead report.

29 Install 2-3/8" pup joint above the master valve. Pressure test the tubing head from below the tubing head through the master valve to 5,000 psi using hydrotester. If wellhead does not pressure test, replace wellhead/ wellhead valves as necessary with 5,000 psi rated equipment.

30 NU WH. RDMO WO 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: 4/14/2015

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: 4/14/2015

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.
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General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

Attachment Check List

Att Doc Num	Name
400825135	FORM 4 SUBMITTED
400825136	OTHER

Total Attach: 2 Files