

**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 14455 00 OGCC Facility ID Number: 246658  
 Well/Facility Name: UPRR 22 PAN AM Well/Facility Number: UNIT "T" #1  
 Location QtrQtr: NENE Section: 29 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 NENE Sec 29

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>1117</u>	<u>FNL</u>	<u>1251</u>	<u>FEL</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    02/25/2015

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 a perf and circ from 1380' to 520' due to Bradenhead pressure and needs a production packer set for upcoming HZ fracs.  
 2 Well has Gyro survey - 10/26/2011.  
 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 (last tagged at 7842' on 11/15/12). Note tagged depth in OpenWells. RDMO slickline.  
 6 MIRU WO rig. 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. (Form 17 was performed 12/1/14. Bradenhead pressure was 241 psi upon arrival blew down to a whisper. Pressure built back up to 11 psi in 15 min.) 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. (Do not exceed 80% of tubing tensile strength, or 57,384 lbs.) Unseat and LD the landing joint.  
 9 MIRU EMI services. EMI 2-3/8" tbg (242 joints landed at 7667') while TOOH 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 & TIH with 10,000 psi rated from above and below RBP (5-1/2", 17.0#), retrieving head, and 2-3/8" tubing. Set RBP at +/- 6930' (collars located at 6912' and 6958') (casing scraper was ran in 2012).  
 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 TOOH with 2-3/8" tubing.  
 13 ND BOP. ND wellhead. Install 5-1/2" frac valve on 5-1/2" casing.  
 14 MIRU Wireline.  
 15 NU lubricator, PU 3-1/8" perf gun (3 SPF, 0.58" 120° phasing) and RIH to +/- 1380'(using CCL), fire gun and perforate 1ft. POOH and RDMO wireline.  
 16 Establish circulation down csg and up annulus to make certain well is dead.  
 17 Contact Ed Asuchak at 970-515-1170 for mud (min of 24hrs in advance). Pump 40 bbls of 10.0 ppg 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 1hr to ensure no gas is present).  
 18 MIRU cementing services. Pump 30 bbl (5 bbls of water, 20 bbls of sodium metasilicate, and 5 bbls water) spacer, 246 sx Type III cement with 0.25 pps cello flake and CaCL2, mixed at 14.8 ppg and 1.33 cuft/sx (based on 9" hole size + 40% excess from 1380'-620', 100' between 8-5/8" 24# surface casing and 5-1/2" 17.0# production casing, and 100' of 5-1/2" 17# production casing).  
 19 Shut down, drop wiper plug and displace 29.5 bbls of fresh water. Note: under displace to within no more than 150' of perms, catch final displacement pressure, shut in 5-1/2" frac valve.  
 20 RDMO cement services.  
 21 Leave well shut in ~ 36 Hrs.  
 22 ND 5-1/2" frac valve, NU the 5000 psi 5-1/2" bottom threaded tubing head with 7-1/16" flanged top and make sure it has 5000 psi wellhead valves and XXH nipples. NU BOP. Install 2-3/8" pipe rams. PU 4-3/4" bit and TIH with 2-3/8" tbg, rig up power swivel, tag cement and mill until past squeeze holes. Pressure test squeeze holes to 1000 psi for 15 min. If pressure test fails contact Engineering. TOOH stand back tubing and LD bit.

**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:

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

**Operator Comments:**

23 MIRU wireline and run CCL-GR-CBL-VDL from +/- 2000' to surface. If the cement is not at or above 520' 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 +/- 6930'. 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), 41 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 +/- 6360' (collars at 6340' and 6383'). Land EOT at +/- 7660' (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 seating nipple. RD rig lubricator. ND BOP.

28 Make sure there is a 7-1/16" flanged 5000 psi tubing head adaptor with a new 5000 psi flanged master valve, all wellhead valves are rated to 5000 psi and all nipples are XXH. Document wellhead components and pressure ratings in an OpenWells wellhead report.

29 Install 2-3/8" pup joint above the master valve. MIRU hydrotester Pressure test the tubing head from below the tubing head through the master valve to 5000 psi using hydrotester. If wellhead does not pressure test, replace wellhead/ wellhead valves as necessary with 5000 psi rated equipment. RDMO hydrotester.

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: 2/12/2015

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: 3/1/2015

**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
400791552	FORM 4 SUBMITTED
400791554	OTHER

Total Attach: 2 Files