

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number: <u>400537051</u>			
Date Received: <u>01/09/2014</u>			

**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 11051 00 OGCC Facility ID Number: 243260  
 Well/Facility Name: UPRR 42 PAN AM 'AM'-TRUE Well/Facility Number: 1  
 Location QtrQtr: NWNW Section: 27 Township: 1N Range: 67W 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 27

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>1150</u>	<u>FNL</u>	<u>1150</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>1N</u>	Range <u>67W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
_____	_____	_____	_____
_____	_____	_____	_____
Twp _____	Range _____		
Twp _____	Range _____		
_____	_____	_____	_____
_____	_____	_____	_____

\*\* attach deviated drilling plan

**CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT**

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>

**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    UPRR 42 PAN AM 'AM'-TRUE                      Number    1                      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 02/06/2014

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:

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:

<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:

UPRR 42 Pan Am "Am" True #1: Run CBL, Replace Wellhead, & Bradenhead  
 4 MIRU WO rig. Kill well as necessary with water and biocide. ND wellhead. NU BOP.  
 5 Unland 2-3/8" tbg and lay down landing joint.  
 6 MIRU EMI services. EMI 2-3/8" tbg while TOO 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.  
 7 MIRU wireline. RIH with gauge ring for 5.5" 15.5/17# J-55 casing. Run gauge ring to +/- 8,140' KB. POOH with wireline. If cannot get to 8,140' KB contact engineering.  
 8 RIH on wireline with 10,000 psi rated from above and below CIBP (5.5" 15.5/17# J-55) and set CIBP at +/- 8,126' (50' above top J Sand perfs). No cased hole logs ran this deep to correlate with.  
 9 Dump bail 2 sacks (50 lb sacks) of class G 15.8# cement to cover CIBP over J Sand.  
 10 POOH with wireline.  
 11 PU and RIH with CCL-GR-CBL-VDL. Log from tagged cement capped CIBP depth (+/- 8,108') to surface. Contact engineering with CBL results to determine if adequate cement coverage exists across the Niobrara and if any modifications to the written procedure are required (cement top needs to be at +/- 6,943' & verify no cement from Sussex to surface that would interfere with bradenhead cementing operations). Steps below assume Niobrara is adequately covered. RDMO wireline services.  
 12 ND BOP. Screw 5-1/2" 17# pup joint into production casing and un-land 5-1/2" production casing. NU double entry flange. NU BOP.  
 13 PU approx. 165 joints of 1.66" 2.3# J-55 10RD IJ tubing and TIH between the 5-1/2" production casing and open hole to +/- 5,178'. Circulate with freshwater and biocide to clean up annulus while TIH.  
 14 MIRU cementing services. Pump 1 bbl freshwater spacer and cement job consisting of 20 bbls of sodium metasilicate, 335 sx (based on 12" hole size and 10% excess) of 15.8ppg neat Class G cement with 1/4# per sx of cello-flake. The cement should be retarded for 125 degree Fahrenheit with a six hour pump time. (attempt to cement from 5,178' to 4,618').  
 15 Under displace cement in 1.66" 2.3# J-55 10RD IJ tubing to 4,500' using 8.3 bbls of freshwater (estimated TOC at +/- 4,557'). RDMO cementing services.  
 16 TOO and stand back 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. NU BOP. Shut well in and WOC.  
 17 MIRU wireline services. RIH with CCL-GR-CBL-VDL. Run from 5,250' to 100' above top of cement (estimated +/- 4,557'). If the cement is not above 4,618' contact engineer. RDMO wireline services.  
 18 ND BOP. Screw 5-1/2" 23# pup joint into production casing and un-land 5-1/2" production casing. NU double entry flange. NU BOP.  
 19 PU approx. 64 joints of 1.66" 2.3# J-55 10RD IJ tubing and TIH between the 5-1/2" production casing and open hole to +/- 2,000'. Circulate with freshwater and biocide to clean up annulus while TIH.  
 20 MIRU cementing services. Pump 1 bbl freshwater spacer and cement job consisting of 20 bbls of sodium metasilicate, 550sx (based on 12" hole size and no excess) of 15.8ppg neat Class G cement with 1/4# per sx of cello-flake. The cement should be retarded for 125 degree Fahrenheit with a six hour pump time. (attempt to cement from 2,000' to 972').  
 21 Under displace cement in 1.66" 2.3# J-55 10RD IJ tubing to 900' using 1.6 bbl of freshwater (estimated TOC at +/- 928'). RDMO cementing services.  
 22 TOO and LD 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.  
 23 ND existing tubing head off of 5.5" casing and install new WHI 5,000 psi flanged tubing head complete with 5,000 psi casing valves. Be sure all wellhead equipment is rated to 5,000 psi.  
 24 NU BOP. Shut well in and WOC.  
 25 MIRU wireline services. RIH with CCL-GR-CBL-VDL. Run from 2,100' to 100; above top of cement (estimated +/- 928').

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: 1/9/2014

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: 1/9/2014

**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. 2) Submit all CBLs run to COGCC.
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**General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)

## Attachment Check List

**Att Doc Num**

**Name**

400537051	FORM 4 SUBMITTED
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400537052	OTHER
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Total Attach: 2 Files