

State of Colorado
Oil and Gas Conservation Commission

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



DE	ET	OE	ES
Document Number: 400808130			
Date Received: 03/12/2015			

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 07956 00 OGCC Facility ID Number: 240168
Well/Facility Name: ANSCHUTZ Well/Facility Number: 2
Location QtrQtr: NWNE Section: 8 Township: 1N 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 NWNE Sec 8

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	
990	FNL	1960	FEL
Twp <u>1N</u>	Range <u>65W</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 ANSCHUTZ Number 2 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 03/26/2015

☐ 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 Management 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 Call foreman and/or field coordinator 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. Operations need to bleed off the bradenhead pressure before the rig gets on location.

2 Prepare location for base beam equipped rig. Install perimeter fence as needed.

3 Check and record Bradenhead pressure. If Bradenhead valve is not accessible, re-plumb so that valve is above GL. Order and unload a minimum of 50 more joints of 2-3/8" tbg

4 MIRU, kill as necessary using clean fresh water with biocide. ND WH. NU BOP. Unseat landing jt (200 jts and RBP retrieving head landed at 6329')

5 RIH 2-3/8" tbg, tag and circulate 2 sks of sand off of 4-1/2" Thunderbird RPB set at 6475'. Latch on to RBP, allow elements to relax, POOH and stand back 205 jts. LD RBP

6 RIH 2-3/8" tbg to 2500' and circulate out any gas in hole for optimal CBL logging conditions. POOH standing back. Load hole with water.

7 Rig up Warrior Wireline and run CBL from CICR set at 6560' to surface. CBL is being re ran as the CBL previously ran by Warrior 2/28/14 is partially inconclusive. Send results to engineer and discuss.

8 Notify Cementers to be on call.

9 PU 4-1/2" CICR on 2-3/8" tbg. RIH and Set CICR at 6510'. Establish injection into sqz holes. Record rate and pressure. Sting out of CICR

10 MIRU cementers. Pump Nio block squeeze: Pump 20 sks (5 bbl) of Cement Blend into tubing: "G" w/ 20% silica flour, 0.4% CD -32, 0.4% ASA -301 and R-3 to achieve 2:30 pump time mixed at 15.8 ppg and 1.38 cuft/sk. Circulate cement to bottom of tubing string with water.

11 Sting into CICR. Begin squeezing into perf holes not exceeding 1000 psi (may be higher due to injection results). Continue pumping until 15 sks has been pumped into CICR or the max pressure has been reached. Sting out of CICR and pump remaining cement on top of CICR. RD cementers. (4-1/2" 0.0155 bbl/ft)

12 PUH 6 stands and circulate hole clean with fresh water and biocide. POOH standing back.

13 RIH with 3-7/8" bit on 2-3/8" tbg. Confirm recommended cement setting time has been allowed. Drill through cement and top CICR at 6510' down to lower CICR at 6560'. Pressure test squeeze perforations to 1000 psi for 15 mins. If pressure test passes proceed.

14 POOH standing back.

15 PU 2-1' 3-1/8" perf guns w/ 0.6" diam, 120 phasing and shoot 1' of squeeze holes at 1650' and 1010'. RDMO WL.

16 PU 4-1/2" Thunderbird tension-set CICR and RIH on 2-3/8" tbg and set at 1050'. RDMO WL.

17 Chain down tbg, and establish circulation through sqz holes with fresh water and biocide.

18 MIRU Cementers. Establish circulation and Pump Fox Hills Suicide plug: Pump 5 bbls fresh water followed by 10 bbls SAPP followed by 20 bbls fresh water ahead of cement. Pump 385 sx (91 bbls) Type III w/cello flake and CaCl2 as deemed necessary, mixed at 1.33 cf per sack, 14.8 ppg. Underdisplace by 5 bbls and unsting from CICR. Spot final 3 bbls on top of CICR. Volumes based on 10-1/2" x 4-1/2" annulus with 40% excess from 1010' to 1650' and 4-1/2" casing from 846' to 1650'.

19 PUH to 500' and circulate hole clean. Pump +/- 2 bbls into top perf to squeeze on the top cement plug. POOH and stand back.

20 RIH with 3-7/8" bit on pump off sub, 2-3/8" NC, 2-3/8" XN profile nipple (ensure nipple is input into Openwells) and 2-3/8" tbg. Confirm recommended cement setting time has been allowed. Drill through cement to CICR at 1050'. Pressure test squeeze perforations to 1000 psi for 15 mins. If pressure test passes proceed.

21 Drill through CICR at 1050'. Drill CICR and cement to fall through to 1700'. Pressure test to 1000 psi. POOH

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:

22 RIH with new 3-7/8" bit on pump off sub, 2-3/8" NC, 2-3/8" XN profile nipple (ensure nipple is input into Openwells) and 2-3/8" tbg. Drill through cement to CIGR at 6560', cement below and CIBP at 7700'. If ROP falls too low POOH, replace bit, and RIH to finish drilling out.
23 Clean out to PBMD of 7914'.
24 PUH to +/- 7740' (1 joint above top J Sand perf), drop ball, pump off bit and land tbg.
25 ND BOP. NU WH. Ensure all valves on tbg head are rated to 5000 psi, and that a flanged master valve is installed.
26 Hydrotest tbg head and master valve to 5000 psi. If pressure test fails, call Evans office for alternative procedure. RDMO hydrotesters.
27 RDMO WO rig. Swab well back if needed. Return well to production team.
28 Instruct cementing and wireline contractors to e-mail copies of all job logs/job summaries to rscDJVendors@anadarko.com within 24 hrs of completion of the job.
29 Supervisor submit paper copies of all invoices, logs, and reports to Evans Engineering Specialist.

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: 3/12/2015

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: 3/29/2015

CONDITIONS OF APPROVAL, IF ANY:**COA Type****Description**

	Note change in procedure: 1) Additional Laramie Fox Hills aquifer coverage by squeezing below the DV tool not required unless new CBL shows differing results from existing CBL on file. Contact COGCC with CBL results before attempting squeeze below DV tool. 2) 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. 3) 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**

400808130	FORM 4 SUBMITTED
400808132	OTHER

Total Attach: 2 Files