

State of Colorado
Oil and Gas Conservation Commission1120 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:	<u>47120</u>	Contact Name	<u>Cheryl Light</u>
Name of Operator:	<u>KERR MCGEE OIL & GAS ONSHORE LP</u>	Phone:	<u>(720) 929-6461</u>
Address:	<u>P O BOX 173779</u>	Fax:	<u>(720) 929-7461</u>
City:	<u>DENVER</u>	State:	<u>CO</u>
Zip:	<u>80217-3779</u>	Email:	<u>cheryl.light@anadarko.com</u>

Complete the Attachment
Checklist

OP OGCC

API Number :	<u>05-</u>	<u>123</u>	<u>14763</u>	<u>00</u>	OGCC Facility ID Number:	<u>246966</u>			
Well/Facility Name:	<u>GEORGE STIEBER UNIT A</u>			Well/Facility Number:	<u>1</u>				
Location QtrQtr:	<u>NWSE</u>	Section:	<u>24</u>	Township:	<u>1N</u>	Range:	<u>67W</u>	Meridian:	<u>6</u>
County:	<u>WELD</u>	Field Name:	<u>WATTENBERG</u>						
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 NWSE Sec 24New **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>1530</u>	<u>FSL</u>	<u>1650</u>	<u>FEL</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 GEORGE STIEBER UNIT A 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 03/30/2015

☐ 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 Well needs Fox Hills remediation and a production packer ran.
2 Gyro was ran 10/23/2013, do not run additional gyro.
3 Call Foreman or Lead Operator at least 24 hrs 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.
4 MIRU slickline. Fish plunger from lubricator. RIH and pull the bumper spring and standing valve if necessary. RBIH with sinker bars and tag bottom. Report findings (last cleaned out to 8132' 8/11/2014). RDMO slickline.
5 Prepare location for base beam rig.
6 Spot a minimum of 25 jts of 2-3/8", 4.7#, J-55, EUE tbg for replacement.
7 MIRU WO rig and auxiliary equipment. Check pressures. Rig up 2" line from the casing head annulus to work tank. Kill well with fresh water treated with biocide. ND tree and adapter flange, NU BOP's.
8 PU 8-10' 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. Do not exceed 80% of tubing tensile strength, or 57,380-lb. Clean out as necessary to 8132' with biocide treated water, or N2 as necessary.
9 TOO H with 2-3/8" tbg. *Tubing EMI'd 8/2014, no need to EMI again.
10 MIRU wireline. RIH with gauge ring (5-1/2", 17#) to 7000' and POOH. RIH on wireline with CCL and 5-1/2" 10,000 psi rated from above and below CIBP. Set CIBP @ +/-6575', (collars are at 6554' and 6598') and POOH. Dump bail 2 sx of sand on top of CIBP. Pressure test CIBP to 1000 psi for 15 minutes, squeeze holes 4430' and 5000', do not exceed 1000 psi on pressure test. If pressure test fails, contact Evans Engineering.
11 Bleed off pressure and ND BOP's. ND existing tubing head off of 4-1/2" casing and install new WHI 5000 psi flanged tubing head complete with 5000 psi casing valves, if necessary. Verify all wellhead equipment is rated to 5000 psi. NU BOP.
12 MIRU wireline services. PU CCL and perf guns. PUH and shoot squeeze holes, avoiding collars, as per the following: 1625'-1626', 3 spf, 0.38" EHD. PUH and shoot circulation holes, avoiding collars, as per the following: 775'-776', 3 spf, 0.6" EHD. POOH and LD guns.
13 RIH and set CIGR at 805' +/- 10' depending on collar depths from CBL. RDMO wireline.
14 PU stinger and RIH on 2-3/8" tbg. Sting into CIGR at ~805'. Establish circulation with biocide treated water.
15 MIRU cement services. Prepare to cement. Pump 50 bbl biocide treated water. Mix and pump 380sx (~90bbls) of 14.8 ppg (1.33 cuft/sk) Type III with cello flake and CaCl2 (max of 1%) as necessary. The cement is to be retarded for 80 °F and 1 hour maximum pump time. Displace cement 4.5 bbl short of CIGR. Sting out of CIGR and dump remaining cement (4.5 bbl) on top of CIGR. PUH to +/- 500' (~10 jts) and reverse circulate 2 times the tubing volume of biocide treated water or until clean returns are seen. Displace and squeeze 3 bbls cement into top perf w/ cement pump truck to accurately determine displace volume. TOO H and SB 2-3/8" tubing. LD stinger.
16 RDMO cementing company.
17 Leave well shut in for ~36 hours with 1,000psi.
18 TIH with 4-3/4" bit on 2-3/8" tbg. Drill through cement to the CIGR @ 805', without drilling though it.
19 Pressure test squeeze perforations to 1000 psi for 15 minutes. If pressure test holds, proceed.
20 Continue drilling through CIGR @ 805' to at least 1650', or until there are no cement returns. Do not drill out CIBP at 6575' until CBL is run. Pressure test squeeze perforations to 1000 psi for 15 minutes. If pressure test holds, proceed.

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

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Operator Comments:

21 MIRU wireline and run CCL-GR-CBL-VDL from ~2000' to surface. Call Evans Engineering before moving on to step 22. 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 hours of the completion of the job. RDMO wireline.

22 PU bit for 5.5" CIBP and TIH w/ 2-3/8" tbg to CIBP at 6575'. Drill and push CIBP to at least 8132'. TOO H.

23 MIRU hydrotester. PU 2-3/8" NC, 2-3/8" XN nipple (be sure nipple is correctly input into OpenWells), ~47 joints 2-3/8" 4.7# J-55 EUE tbg, Arrowset AS-1X packer rated to 10,000 psi (for 4.5" casing), and 2-3/8" 4.7# J-55 tbg to surface. Hydrotest tubing to 6,000 psi while TIH. Set packer at +/- 6,530' (collars at 6,510' and 6,554'). Land EOT at +/- 7,985' (1 joint above JS). RDMO hydrotester.

24 Load 2-3/8" x 5-1/2" annulus with biocide treated water and pressure test to 1,000 psi for 15 minutes to be sure packer is set properly.

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

26 Install 7-1/16" x 2-1/16" 5,000 psi tubing head adaptor and new flanged 5,000 psi master valve with 2-3/8" EUE companion flange on top. Make sure all wellhead valves are rated to 5,000 psi.

27 Hydrotest tubing head to 5000 psi for 15 minutes.

28 RDMO WO rig.

29 Clean location. Notify field foreman/field coordinator of finished work and turn well back over to production team.

30 END OF SAFETY PREP STEPS. BELOW ARE STEPS FOR UN-PREPPING THE WELL

31 When notification is sent to un-prepare the well, MIRU WO rig. Kill well as necessary with water and biocide. ND wellhead. NU BOP.

32 Unland 2-3/8" tbg and lay down landing joint.

33 Release Arrowset AS-1X packer and TOO H standing back all 2-3/8" tubing and LD packer. Return packer to shop it was purchased from and have the packer redressed.

34 If sand fill was tagged above 8132', then reverse circulate, with N2 as necessary, or bail, to cleanout to 8,132' (depth last bailed to). Otherwise proceed to next step.

35 PU 2-3/8" NC, 2-3/8" XN nipple (be sure nipple is correctly input into OpenWells), and 2-3/8" 4.7# J-55 tbg to surface. Land EOT at +/- 7,985' (1 joint above top of JS).

36 RU rig lubricator. Broach tubing to XN seating nipple. RD rig lubricator. ND BOP. NU WH.

37 Install 7-1/16" x 5,000 psi tubing head adaptor and 5,000 psi flanged master valve. Make sure all casing valves are 5,000 psi rated w/ Double X Heavy nipples. Make sure all wellhead valves are rated to 5,000 psi.

38 Install 2-3/8" seating nipple 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.

39 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: 3/16/2015 _____

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: 3/27/2015 _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

	1) Annular fill method covering equivalent interval also authorized as alternative to proposed perf and squeeze. 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.
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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

400809380	FORM 4 SUBMITTED
400809382	OTHER

Total Attach: 2 Files