

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
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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 25930 00 OGCC Facility ID Number: 291019
 Well/Facility Name: BROWN Well/Facility Number: 25-35
 Location QtrQtr: SENW Section: 35 Township: 3N Range: 66W 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:

FNL/FSL		FEL/FWL	
2400	FNL	2400	FWL

Change of **Surface** Footage **To** Exterior Section Lines:

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Current **Surface** Location **From** QtrQtr SENW Sec 35

Twp 3N Range 66W Meridian 6

New **Surface** Location **To** QtrQtr _____ Sec _____

Twp _____ Range _____ Meridian _____

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

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Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

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Current **Top of Productive Zone** Location **From** Sec _____

Twp _____ Range _____

New **Top of Productive Zone** Location **To** Sec _____

Twp _____ Range _____

Change of **Bottomhole** Footage **From** Exterior Section Lines:

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Change of **Bottomhole** Footage **To** Exterior Section Lines:

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Current **Bottomhole** Location Sec _____ Twp _____

Range _____ ** attach deviated drilling plan

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 _____

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 09/04/2014

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

Brown 25-35 Bradenhead Procedure

1 GYRO ran on 7/4/2007.

2 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.

3 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. PBSD should be at 7648'. RDMO slickline.

4 Prepare location for base beam rig.

5 Spot 25 jts of 2-3/8" 4.7# J-55 8RD EUE tbg for cleanout and replacement.

6 MIRU WO rig and auxiliary equipment. Check pressures. Rig up one 3" or two 2" lines from the casing head annulus to work tank. Kill well with fresh water. ND tree and adapter flange, NU BOP's.

7 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 CIBP at 7620'.

8 MIRU EMI equipment. TOOH with 2-3/8" tbg. EMI tbg while TOOH. Lay down joints with wall loss or penetrations >35%. Replace joints as necessary. Note joint number and depth of tubing leak(s) on production equipment failure report in Open Wells. Clearly mark all junk (red band) tubing sent to yard.

9 MIRU wireline, NU lubricator and RIH with Gauge Ring to 7100', POOH.

10 RIH on wireline with 4.5" 11.6# RBP. Set RBP at +/- 7090' (Collars at 7075' and 7117'). POOH and Pressure test RBP to 1,000 psi for 15 minutes. ND lubricator.

11 ND BOP, ND tubing head. Install 4-1/2" 7.5K frac valve on 4-1/2" csg.

12 Dump bail 2 sx of sand on top of RBP and POOH.

13 NU lubricator, PU one 3-1/8" 1ft perf gun (3 SPF 0.58" 120 degree phasing) and CCL and RIH to +/- 4580' (avoid collars), fire gun and perforate 1ft.

14 POOH with wireline. RDMO wireline.

15 Establish circulation down csg up annulus with rig pump and make certain well is dead. Circulate until clean returns are seen.

16 Shut in well for 30 minutes to ensure no gas is present. If gas is detected, contact engineering to discuss plan moving forward.

17 Contact Imperial mud (min of 24hrs. in advance) to bring out 40bbbls of 10.0ppg mud.

18 NU cement head (with configuration to run wiper plug) and RU cement services (Sanjel). Prepare to cement. Pump 40bbbls 10ppg mud, 10bbbls water, 20bbbls mud flush, 10bbbls water, 20bbbls SMS and 5bbbls water.

19 Mix and pump -12bbbls (60sx) of 14.6 ppg (1.12 ft3/sk) neat Class G cement with 1/4 #/sk cello-flake. The cement is to be retarded for 120 degrees F and 6 hour pump time.

20 Shut down, Drop wiper plug and displace 1bbl of cement on top of wiper plug followed by 69 bbls of fresh water, break lines and clean. Note: Under displace to within no more than 100ft of perfs, catch final displacement pressure, shut in 4-1/2" frac valve.

21 ND cementing head and RDMO cementing company.

22 leave well shut in overnight with final displacement pressure on the wiper plug.

23 Rig up wireline truck and run a CCL-GR-CBL-VDL from the wiper plug at +/- 4480' to 3700'. Notify the Engineer of the top of cement. 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.

24 PU one 3-1/8" 1ft perf gun (3 SPF 0.58" 120 degree phasing) and CCL and RIH to +/- 1500' (avoid collars), fire gun and perforate 1ft.

25 POOH with wireline. RDMO wireline.

26 Establish circulation down csg up annulus with rig pump and make certain well is dead. Circulate until clean returns are seen.

27 Shut in well for 30 minutes to ensure no gas is present. If gas is detected, contact engineering to discuss plan moving forward.

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:

28 NU cement head (with configuration to run wiper plug) and RU cement services (Sanjel). Prepare to cement. Circulate a 20bbl (5bbl water, 10bbl mud flush, 5bbl water) spacer.

29 Mix and pump -22.5bbls (95sx) of 14.8 ppg (1.33 ft3/sk) Type III with 1/4 #/sk cello-flake. The cement is to be retarded for 80 degrees F and 3 hour pump time.

30 Shut down, Drop wiper plug and displace 1bbl of cement on top of wiper plug followed by 21 bbls of fresh water, break lines and clean. Note: Under displace to within no more than 100ft of perms, catch final displacement pressure, shut in 4-1/2" frac valve.

31 ND cementing head and RDMO cementing company.

32 leave well shut in overnight with final displacement pressure on the wiper plug.

33 ND 4-1/2" frac valve. NU 4-1/2" 5000 psi tubing head with 2-5000 psi valves (use new flanged style wellhead equipment if available). NU BOP's to tubing head.

34 PU 3-7/8" bit and TIH with 2-3/8" tbg, rig up power swivel, tag cement and mill until past squeeze holes at +/-1500'.

35 Close the blind rams and pressure test squeeze holes to 1000 psi for 15 min. If pressure holds, continue to next step.

36 Tag cement with 3-7/8" bit and mill until past squeeze holes at +/- 4580' and TOO H.

37 Close the blind rams and pressure test squeeze holes to 1000 psi for 15 min. If pressure holds, continue to next step.

38 Rig up wireline truck and run a CCI-GR-CBI-VDI from the RBP (and 2 sx of sand) at +/- 7090' to surface. Notify the Engineer of the top of cement. 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.

39 RDMO wireline.

40 PU and TIH with 2-3/8" tbg and retrieving head. Circulate sand off RBP at @ +/- 7090'. TOO H with RBP and SB tbg.

41 MIRU hydrotester. 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 EUE tbg to surface. Hydrotest tubing to 6,000 psi while TIH. land EOT at +/- 7410' (1 joint above top Codell perf).

42 ND BOP's, NU master valve and tubing head adaptor.

43 RU rig lubricator. Broach tubing to seating nipple. RD rig lubricator.

44 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. RDMO hydrotester.

45 RDMO WO rig.

46 Clean location and swab well back to production. Notify Field Foreman/Field Coordinator of finished work and turn well back over 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: 8/18/2014 _____

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: 8/21/2014 _____

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 Drilling Completion Report.
	2) Please submit gyro survey with Form 5 Drilling Completion Report.

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

Attachment Check List

Att Doc Num	Name
400666389	FORM 4 SUBMITTED
400666390	OTHER

Total Attach: 2 Files