

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: 400690528			
Date Received: 09/18/2014			

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 24550 00 OGCC Facility ID Number: 288204
 Well/Facility Name: WELD Well/Facility Number: 21-2
 Location QtrQtr: NWNE Section: 2 Township: 2N Range: 68W 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
	1029	FNL	1570
			FEL

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

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Current **Surface Location From** QtrQtr NWNE Sec 2

Twp	<u>2N</u>	Range	<u>68W</u>	Meridian	<u>6</u>
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New **Surface Location To** QtrQtr _____ Sec _____

Twp	_____	Range	_____	Meridian	_____
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Change of **Top of Productive Zone Footage From** Exterior Section Lines:

	1447	FNL	2573	FEL
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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 2

Twp	<u>2N</u>	Range	<u>68W</u>
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New **Top of Productive Zone Location To** Sec _____

Twp	_____	Range	_____
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Change of **Bottomhole Footage From** Exterior Section Lines:

	1447	FNL	2573	FEL
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Change of **Bottomhole Footage To** Exterior Section Lines:

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Current **Bottomhole Location** Sec 2 Twp 2N Range 68W

** 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 10/02/2014

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:

1 Call the IOC at 970-506-5980 before rig up to isolate production equipment. Call 24 hours prior to the rig moving onto location so that any automation equipment can be removed prior to the rig showing up. Install fence if needed. NOTE: Report surface casing pressure to engineer. If surface casing is not accessible at ground level, re-pipe so valve is at ground level.

2 Level location for base beam rig.

3 Spot 55 jts of 1-1/4" 2.33# J-55 10rd IJ tbg.

4 MIRU slickline. RIH and tag for fill. If production equipment found, retrieve. Note tagged depth in OpenWells. RDMO slickline. Last tagged depth was 7557' on 3/15/2010.

5 RDMO wireline services company.

6 MIRU WO Rig. Control well with biocide treated water. ND WH and NU BOP. Function test and document. Unseat landing joint and LD.

7 PU 8-10' landing joint with TIW safety valve on top and screw into the tbg hanger. Back out the lock down pins and pull up on the tbg string to break any possible sand bridges. Do not exceed 80% of tubing tensile strength which is 57,600-lb.

8 MIRU EMI services. TOO H with 2-3/8" TBG. EMI on TOO H. LD joints with wall loss or penetrations > 35%. Replace joints as necessary. **Keep yellow & blue band tubing. Note joint number and depth of bad joints on PRODUCTION EQUIPMENT FAILURE REPORT IN OPEN WELLS. Last EMI was 3/16/2010- 8 joints tested bad. RDMO EMI services.

9 If no scale or build up is witnessed on TBG string, proceed to next step. If excessive scale and build up is witnessed on TBG string, PU 4.5", 11.6#, 1-80 casing scraper and TIH on 2-3/8 TBG to 7170'.

10 PU and TIH 10,000 psi rated RBP above and below (4.5", 11.6#, 1-80) and set RBP at +/- 7115' (collars located at 7095' and 7138').

11 Pressure test RBP to 1,000 psi for 15 minutes. 12 Dump 2 sks sand on top of RBP. POOH.

13 ND bop, ND tubing head. Unland 4-1/2" csg string. NU double entry flange, NU BOP. Function test and document.

14 PU and TIH with 1-1/4" 2.33# J-55 IOrd IJ tbg outside 4 Y," csg to +/- 1700'. Run two 2" or one 3" line(s) from starting head to return tanks. If unable to achieve at least 1 bbl/min return, call engineering for alternate procedure. Circulate with freshwater treated with biocide to clean up annulus while TIH. Continue to circulate with rig pump until clean returns are seen. Use sweeps as needed to clean up wellbore.

15 PUH to 1500'.

16 MIRU Cement company.

17 Commence pumping cement job at pump rate of consisting 5 bbl fresh water spacer, 48.2 bbl (203.6 sx) of Type III + with 0.5% CaCl₂ at 14.8 ppg and 1.33 cuft/sk blended for a 3 hr pump time (design is for cement from 1500' to 850').

18 TOO H with 1-1/4" tbg until EOT is at +/- 700' and circulate 2x tubing volume or until cement cleans up. TOO H remaining 1-1/4" tbg and LD all 1-1/4" tbg.

19 Break lines and clean up with fresh water. RDMO cement company.

20 ND bop, ND dual entry flange. NU 2-3/8" tbg head and BOP. Function test and document.

21 Leave well shut overnight.

22 Circulate gas out of hole with fresh water with biocide.

23 MIRU wireline and run CCL-GR-CBL-VDL from 1600' to surface. Verify with Evans Engineering that new TOC is at 850' or higher. In addition to normal handling of logs/job summaries, email copies of all cement job logs/job summaries and invoices to rsc DJVendors@anadarko.com within 24 hours of the completion of the job.

24 RDMO wireline.

25 PU and TIH with 2-3/8" TBG to sand above RBP at 7115'. Reverse circulate clean and latch onto RBP, unseat RBP.

26 TOO H while standing back 2-3/8" TBG and laying down retrieving head and RBP.

27 MIRU hydrotester.

28 PU & TIH with 2-3/8" NC, 2-3/8" XN profile nipple, 2-3/8" TBG to set EOT (tail string) at +/- 7400' (approx. 1jt above top CODELL perf), Arrowset AS-IX packer (4.6", 11.6#, 1-80, 10k psi rated), and 2-3/8" TBG to surface. Hydrotest tubing to 6000 psi while TIH. Set packer at 4028' (collars at 4006' and 4049').

29 Load backside with biocide treated water and pressure test packer to 1000 psi for 15 min.

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:

30 ND BOP, NU WHO Ensure all valves on WH are rated to minimum 5000 psi and update WH as necessary using new 7-1/16" x 2-1/16" 5000 psi tubing head adaptor and new flanged 5000 psi master valve with 2-3/8" EUE companion flange on top. Ensure a new R-46 gasket is installed on WHO

31 Hydrotest TBG head and master valve to 5000 psi. If pressure test fails, call Evans office for alternate procedures.

32 RDMO hydrotester. RDMO WO rig.

33 Return well to production team.

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

35 Call the lac at 970-506-5980 before rig up to isolate production equipment. Catch and remove plunger. Call 24 hours prior to the rig moving onto location so that any automation equipment can be removed prior to the rig showing up. Install fence if needed. NOTE: Report surface casing pressure to engineer. If surface casing is not accessible at ground level, re-pipe so valve is at ground level.

36 MIRU slickline. RIH and tag for fill. If production equipment found, retrieve. Note tagged depth in Open Wells. RDMO slickline.

37 When notification is sent to un-prep well, MIRU WO rig.

38 Control well with biocide treated water.

39 ND WHO NU BOP. Function test and document.

40 Release Arrowset AS-1X packer. Wait 15 minutes for sealing elements to relax. TOOH with 2-3/8" TBG, Arrowset packer, XN profile nipple, and NC while standing back TBG and laying down packer.

41 Return packer to shop were purchased and have redressed.

42 PU & TIH with 2-3/8" NC, 2-3/8" XN profile nipple (ensure nipple is input into Open Wells), and 2-3/8" TBG.

43 If cleanout is not necessary, skip to the next step. If fill is encountered above 7452' (bottom CaDEll perf), circulate clean with biocide treated water to 7557'.

44 PUH and land TBG at +/- 7000', which is approximately 1 joint above the top CaDEll perf.

45 ND BOPE, NU WHO Ensure all valves on WH are rated to minimum 5000 psi and update WH as necessary to flanged style WHO Ensure a new R-46 gasket is installed on WHO

46 MIRU hydrotester. Pressure test TBG head to 5000 psi for 15 minutes. After successful pressure test, proceed. RDMO hydrotester.

47 RU rig lubricator. Broach TBG to XN. RD rig lubricator.

48 RDMO WO rig. Notify the lac at 970-506-5980 of completed workover operations. 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: 9/18/2014 _____

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: 9/24/2014 _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

	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.
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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

400690528	FORM 4 SUBMITTED
400690532	OTHER

Total Attach: 2 Files