

**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 DOREEN GREEN  
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (970) 336-3517  
 Address: P O BOX 173779 Fax: ( )  
 City: DENVER State: CO Zip: 80217-3779 Email: DOREEN.GREEN@ANADARKO.COM

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 10529 00 OGCC Facility ID Number: 242738  
 Well/Facility Name: WEISS Well/Facility Number: 1-34  
 Location QtrQtr: CNW Section: 34 Township: 4N Range: 67W Meridian: 6  
 County: WELD Field Name: WATTENBERG  
 Federal, Indian or State Lease Number: 66837

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
<u>1320</u> <u>FNL</u>	<u>1320</u> <u>FWL</u>

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

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Current **Surface** Location **From** QtrQtr CNW Sec 34

Twp <u>4N</u>	Range <u>67W</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:

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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 _____
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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:

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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
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New **Bottomhole** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_

Range _____
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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 06/01/2017

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:

### HZ SAFETY PREP REMEDIAL CEMENT

- 1 Well needs Niobrara/Fox Hills remedial cement, WH change, and packer.
- 2 Well has GYRO from 11/14/13 but requires another one. The most recent bradenhead report (03/28/16) shows 1 psi and no fluid produced.
- 3 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 perimeter fence if needed. Operations needs to bleed off the bradenhead pressure before the rig gets on location.
- 4 Check and record bradenhead pressure. If bradenhead valve is not accessible, re-plumb so that valve is above GL. Blow down bradenhead and re-check pressure the next day. Repeat until pressure stays at 0 psi.
- 5 OpenWells report from 07-19-2007 states "chased FFSV & plunger to 4500'. Set 2 stage SV @ 4249."
- 6 MIRU Slickline and VES. RIH to retrieve production equipment described above and tag for fill. Contact Engineering if tag is above 7766' and note tagged depth in OpenWells. Run GYRO from 7500' to 4000', making stops every 100'. RDMO Slickline and VES.
- 7 MIRU WO rig. Kill well as necessary with biocide treated fresh water. Spot in 25 jts of 2-3/8" 4.7# J-55 EUE tbg. ND wellhead. NU BOP. Unland 2-3/8" tbg and using landing joint and LD.
- 8 MIRU EMI services. EMI 2-3/8" tbg while TOO H and tally while standing back. Do not exceed safety tensile load of 57,000 lbs. LD joints that have greater than 35% penetration or wall loss. Replace all joints that fail EMI testing. Document joint numbers and depth of bad tbg and create a Production Equipment Failure report in OpenWells. RDMO EMI services.
- 9 PU and TIH with (4-1/2", 11.6#) bit and scraper on 2-3/8" tbg to +/-7010'. TOO H and SB all 2-3/8" tbg, LD bit and scraper.
- 10 PU and TIH with hydraulically set (4-1/2", 11.6#) CIBP and set at +/-7000'. Release tbg from CIBP.
- 11 Load hole with biocide treated fresh water and circulate all gas from well. Pressure test CIBP and production casing to 1000 psi for 15 minutes. If pressure test passes proceed; otherwise contact Engineering.
- 12 TOO H and SB all 2-3/8" tbg.
- 13 ND BOP and existing tbg head off of 4-1/2" casing. Install new 5,000 psi flanged tbg head complete with 5,000 psi casing valves and 8" Double X Heavy nipples. Be sure all wellhead equipment is rated to 5,000 psi and flanged. NU BOP.
- 14 MIRU WL. PU and RIH with two 1' 3-1/8" perf guns with 3 spf, 0.50" EHD, 120° phasing. Shoot 1' of squeeze holes at +/- 6800' and +/- 6500'. POOH and RDMO WL.
- 15 MIRU Hydrotester. PU and TIH with (4-1/2", 11.6#) CICR on 2-3/8" tbg while hydrotesting to 3000 psi. Set CICR at 6530'. RDMO Hydrotester.
- 16 Establish circulation through squeeze holes with biocide treated fresh water and pump 200 bbls to clean up hole.
- 17 MIRU Cementers. Pump Niobrara Squeeze: Pump 10 bbls (min) pre-flush, followed by 5 bbls fresh water spacer. Pump 100 sx (151 cf) assuming 0.25 lb/sk polyflake 15.8 ppg & 1.51 cf/sk. Underdisplance by 3 bbls. Volume is based on 270' below the CICR inside 4-1/2" production casing with no excess, 300' in the 4-1/2" annulus assuming 8" OH from caliper with 20% excess, and 190' on top of the CICR to cover top perfs. RD Cementers.
- 18 Slowly pull out of the cement and PUH to 6000'. Reverse circulate to ensure no cement is left in the tbg.
- 19 TOO H and SB all 2-3/8" tbg, LD stinger.
- 20 MIRU WL. PU and RIH with one 1' 3-1/8" perf guns with 3 spf, 0.50" EHD, 120° phasing. Shoot 1' of squeeze holes at +/- 1000'. POOH and RDMO WL.
- 21 PU and TIH with (4-1/2", 11.6#) CICR on 2-3/8" tbg and set at +/-970'.
- 22 Establish circulation through squeeze holes with biocide treated fresh water and pump a minimum of 100 bbls to clean up hole.

**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>Best Management Practices</b>	
<b>No BMP/COA Type</b>	<b>Description</b>

**Operator Comments:**

23 MIRU Cementers. Pump Fox Hills Squeeze: Pump 10 bbls (min) pre-flush, followed by 5 bbls fresh water spacer. Pump 205 sx (308 cf) assuming 0.25 lb/sk polyflake 15.8 ppg & 1.50 cf/sk. Underdisplace by 1 bbl. Volume is based on 30' below the CICR inside 4 -1/2" production casing with no excess, 650' in the 4-1/2" annulus assuming 7.88" bit size with 60% excess, and 60' on top of CICR. RDMO Cementers.

24 Slowly pull out of the cement and PUH to 500'. Reverse circulate to ensure no cement is left in the tbg. WOC per cement company recommendation.

25 TOO H and SB all 2-3/8" tbg, LD stinger.

26 PU and TIH with appropriate bit size and drill collars on 2-3/8" tbg to TOC (+/-910').

27 RU Power Swivel. Establish circulation with biocide treated fresh water. For the following pressure tests, contact Engineering if PT fails; otherwise proceed.

28 Drill out all cement and CICR until bit falls free (+/-1000'). PT holes to 500 psi. Contact Engineering if cement returns above CICR is still green.

29 Continue drilling to second CICR located at +/-6530'. PT top holes to 500 psi. Drill CICR and cement past lower perms located at +/-6800' and until bit falls free. PT to 500 psi to ensure all squeeze holes are sealed.

30 TOO H and SB all 2-3/8" tbg, LD drill collars and bit.

31 MIRU WL. Well needs CBL. Ensure hole is loaded with biocide treated fresh water and no gas is present. PU and RIH with CCL-GR-CBL-VDL. Run log from 7000' to surface and send results to Engineering. Report cement tops in OpenWells. RDMO WL.

32 PU and TIH with appropriate bit size and drill collars on 2-3/8" tbg to CIBP at +/- 7000'.

33 RU Power Swivel. Establish circulation with biocide treated fresh water. Drill CIBP and push to at least 7760'. RD Power Swivel.

34 TOO H and SB 7657' of 2-3/8" tbg. LD remaining tbg, drill collars, and bit.

35 MIRU Hydrotester. PU 2-3/8" NC, 2-3/8" XN nipple, 33 jts 2-3/8" 4.7# J-55 tbg, Arrowset AS-1X packer rated to 10,000 psi, and 210 jts of 2-3/8" 4.7# J-55 tbg to surface while hydrotesting to 6000 psi. Land EOT at +/- 7657' and the packer at +/- 6600'. RDMO Hydrotester.

36 Load 2-3/8" x 4-1/2" annulus with packer fluid to ensure packer is properly set. Pressure test packer and backside to 500 psi.

37 RU rig lubricator. Broach tbg to XN nipple. RD rig lubricator.

38 ND BOP, NU 7-1/16" x 5,000 psi flanged tbg head adaptor with new 5,000 psi flanged master valve with flanged connection. Make sure all wellhead valves are rated to 5,000 psi.

39 Install 2-3/8" seating nipple above the master valve. Pressure test tbg head from below the tbg head through the master valve to 5,000 psi.

40 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: DOREEN GREEN

Title: REGULATORY ANALYST Email: DJREGULATORY@ANADARKO.COM Date: 4/20/2017

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: JENKINS, STEVE Date: 4/26/2017

**CONDITIONS OF APPROVAL, IF ANY:**

<u>COA Type</u>	<u>Description</u>

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
401263440	SUNDRY NOTICE APPROVED-REPAIR
401263483	OTHER
401263485	OTHER
401268035	FORM 4 SUBMITTED

Total Attach: 4 Files