

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 24219 00 OGCC Facility ID Number: 286526
 Well/Facility Name: HOPPER Well/Facility Number: 24-15
 Location QtrQtr: NESE Section: 15 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:

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

Current **Surface** Location **From** QtrQtr NESE Sec 15

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 15

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 15 Twp 2N Range 68W

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 _____

FNL/FSL		FEL/FWL	
<u>1973</u>	<u>FSL</u>	<u>571</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>2N</u>	Range <u>68W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>2557</u>	<u>FNL</u>	<u>1174</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>2N</u>	Range <u>68W</u>		
Twp _____	Range _____		
<u>2557</u>	<u>FNL</u>	<u>1174</u>	<u>FEL</u>
_____	_____	_____	_____

** attach deviated drilling plan

**

**

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 10/13/2014

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 Well already has directional survey.
2 Call Wattenberg IOC (970-506-5980) 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 SL. Fish plunger if necessary and tag PBMD (should be 7725'). Inform engineer of tag depth.
4 Prepare location for base beam rig.
5 Spot 25 jts of 2-3/8" 4.7# J-55 8RD EUE tbg.
6 Spot 54 jts of 1-1/4" 2.33# J-55 10rd IJ tbg.
7 WH should already be flanged style and rated to 5000 psi. Ensure all valves, fittings, and plugs on well head are rated to 5000 psi.
8 MIRU WO rig. Kill well with fresh water and biocide. ND WH, NU BOP.
9 PU tbg to break any possible sand bridges. Do not exceed 80% of tubing tensile strength, or 57,384 lb. LD landing jt.
10 Unseat tbg hanger. Install rubber wiper in stripping head.
11 MIRU EMI equipment. TOO H with 2-3/8" tbg. EMI tbg while TOO H. Lay down jts with wall loss or penetrations >35%. Replace jts as necessary. Keep yellow and blue band tbg. Note jt number and depth of tubing leak(s) on production equipment failure report in OpenWells. Clearly mark all junk (red band) tbg sent to yard.
12 PU and TIH with 230 jts of 2-3/8" tbg with 4.5" RBP (4.5" 11.6# I-80). Set RBP at +/- 7260' (Collars at 7236' and 7278'). Spot 2 sx sand on top of RBP. TOO H. Stand back tbg.
13 Pressure test RBP to 1000 psi for 15 minutes. If pressure test passes, proceed.
14 ND BOP, ND tbg head. Unland 4-1/2" 11.6# I-80 csg (Do not exceed 130,000-lb pull weight). NU double entry flange, NU BOP.
15 PU and TIH with 54 jts of 1-1/4" tbg outside 4-1/2" csg to +/- 1700'.
16 Circulate and condition hole with ~136 bbls of drilling mud with rig pump (1.5x annular volume from 1700'), or until well is completely dead. Spot 40 bbls of 10 ppg drilling mud.
17 TOO H with 7 jts 1-1/4" tbg to 1500'.
18 MIRU cement company. Commence pumping cement job consisting 5 bbl fresh water, 20 bbl sodium metasilicate and 5 bbl fresh water; 275 sx of Type III with 1/4 lb/sk cello-flake mixed at 14.8 ppg and 1.33 cf/sk blended for a 3 hr pump time (cement from 1500' to 540').
19 TOO H with 1-1/4" tbg and LD.
20 Break lines and clean up with fresh water. RMDO cement company.
21 ND BOP, ND double entry flange, re-land 4-1/2" csg. NU BOP.
22 Leave well SI for minimum of 24 hours.
23 MIRU WL and run CCL-GR-CBL-VDL from 1700' to 0' (cement should be from +/- 1500' to 540'). If Fox Hills plug is not above 540', contact engineering for further instructions. Email logs to engineering and DJVendors@anadarko.com. RDMO WL.
24 Pressure test csg to 1000 psi. If pressure test does not hold, call engineering.
25 TIH with 2-3/8" tbg and retrieving head to tag sand above RBP at +/- 7260'. Circulate sand off RBP, latch onto RBP and TOO H. SB tbg, LD RBP.
26 PU and TIH with 2-3/8" NC, 2-3/8" XN, and 241 jts 2-3/8" tbg. If possible or needed, drop down with extra jts and circulate to cleanout sand. PUH and land at +/- 7567' (1 jt above top J Sand perf).
27 ND BOP, NU WH.
28 RMDO WO rig. Return well to production team.
29 Clean location and swab well back to production. Notify field foreman/field coordinator of finished work and turn well back over to production team.

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:

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: 10/6/2014

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: 10/7/2014

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

400701647	FORM 4 SUBMITTED
400701649	OTHER

Total Attach: 2 Files