

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 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:	100322	Contact Name	KATHLEEN MILLS
Name of Operator:	NOBLE ENERGY INC	Phone:	(720) 587-2226
Address:	1625 BROADWAY STE 2200	Fax:	(303) 228-4286
City:	DENVER	State:	CO
Zip:	80202	Email:	kmills@nobleenergyinc.com

Complete the Attachment
Checklist

OP OGCC

API Number :	05-	123	22276	00	OGCC Facility ID Number:	272822			
Well/Facility Name:	MILLER X			Well/Facility Number:	31-5JI				
Location QtrQtr:	SWNW	Section:	31	Township:	2N	Range:	65W	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 SWNW Sec 31

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 _____

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	
1997	FNL	658	FWL
Twp 2N	Range 65W	Meridian 6	
Twp	Range	Meridian	
			**
Twp	Range		
Twp	Range		
			**
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 MILLER X Number 31-5JI 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 02/10/2014

☐ 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:

FILE TOO BIG TO ENTER UNDER COMMENTS. PLEASE SEE ATTACHMENTS. IF YOU HAVE ANY QUESTIONS PLEASE CONTACT ME.

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

<u>No</u>		<u>BMP/COA Type</u>	<u>Description</u>

Operator Comments:

Miller X 31-5JI

1 Call foreman and/or field coordinator 24 hours before rig up
2 Check and report surface casing pressure. If valve is not accessible at ground level, re-plumb so valve is at ground level.
3 MIRU slickline. RIH to retrieve production equipment and tag for fill. Note tagged depth in OpenWells. RDMO slickline.
4 MIRU WO rig. Kill well as necessary with water and biocide. ND wellhead. NU BOP.
5 Unland 2-3/8" tbg and lay down landing joint.
6 MIRU EMI services.
7 PU 10,000 psi rated from above and below RBP (4.5", 11.6#), retrieving head, and 2-3/8" tubing. Set RBP at +/- 7,800' (collars located at 7,776' and 7,818').
8 Release tbg from RBP and circulate all gas out of the hole. Pumping water with biocide, pressure test RBP and production casing to 2,500 psi for 15 minutes (production casing grade unknown). If pressure test passes, proceed; otherwise contact engineering.
9 Bleed off pressure and stack tubing on RBP so the top joint of tbg is below the BOP.
10 ND BOP.
11 **Verify existing tubing head is 5,000 psi rated; if less than 5,000 psi rated change tubing head** Replace casing valves with 5,000 psi rated casing valves and be sure all wellhead equipment is rated to 5,000 psi.
12 NU BOP.
13 Sting into tubing string and circulate 2 sx of sand on top of RBP set at +/- 7,800'. TOO H with 2-3/8" tubing.
14 ND BOP. Screw 4-1/2" 11.6# pup joint into production casing and un-land 4-1/2" production casing. NU double entry flange. NU BOP.
15 PU approx. 158 joints of 1.66" 2.3# J-55 10RD IJ tubing and TIH between the 4-1/2" production casing and open hole to +/- 4,971' (CBL indicates current cement top at 6,850'). Circulate with freshwater and biocide to clean up annulus while TIH.
16 MIRU cementing services. Pump 1 bbl freshwater spacer and cement job consisting of 20 bbls of sodium metasilicate, 230 sx (based on 9" hole size and 20% excess) of 15.8ppg neat Class G cement with 1/4# per sx of cello-flake, 0.4% CD-32, 0.4% ASA-301 and 1.15 cuft/sk yield. Attempt to cement from 4,971' to 4,317'.
17 Under displace cement in 1.66" 2.3# J-55 10RD IJ tubing to 4,100' using 7.6 bbls of freshwater (estimated TOC at +/-4,172'). RDMO cementing services.
18 TOO H and stand back 1.66" 2.3# J-55 10RD IJ tubing. ND BOP and double entry flange. Use 4-1/2" pup joint to re-land 4-1/2" casing. NU BOP. Shut well in and WOC.
19 MIRU wireline services. RIH with CCL-GR-CBL-VDL. Run from +/- 5,050' to top of cement (estimated +/- 4,172'). If the cement is not above 4,317' contact engineer (top of Sussex at 4,517'). RDMO wireline services.
20 ND BOP. Screw 4-1/2" 11.6# pup joint into production casing and un-land 4-1/2" production casing. NU double entry flange. NU BOP.
21 PU approx. 64 joints of 1.66" 2.3# J-55 10RD IJ tubing and TIH between the 4-1/2" production casing and open hole to +/- 2,000'. Circulate with freshwater and biocide to clean up annulus while TIH.
22 MIRU cementing services. Pump 1 bbl freshwater spacer and cement job consisting of 20 bbls of sodium metasilicate, 270 sx (based on 9" hole size and 10% excess) of 14 ppg Type III cement with 1/4# per sx of cello-flake mixed at 1.53 cuft/sk yield. Attempt to cement from 2,000' to 984'.
23 Under displace cement in 1.66" 2.3# J-55 10RD IJ tubing to 600' using 1.1 bbl of freshwater (estimated TOC at +/- 656'). RDMO cementing services.
24 TOO H and LD 1.66" 2.3# J-55 10RD IJ tubing. ND BOP and double entry flange. Use 4-1/2" pup joint to re-land 4-1/2" casing. NU BOP. Shut well in and WOC.
25 MIRU wireline services. RIH with CCL-GR-CBL-VDL. Run from 2,050' to top of cement (estimated +/- 656'). If the cement is not above 984' contact engineer. RDMO wireline services.
26 PU RBP retrieving head, 2-3/8" tubing, and TIH to RBP at +/- 7,800'. Circulate sand off of RBP. Latch onto and release RBP.
27 TOO H standing back all 2-3/8" tubing and LD RBP.
28 If sand fill tagged above 7,912' (bottom J Sand perms) in step 3, then either bail or reverse circulate to cleanout well to PBMD at 8,000'.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: KATHLEEN MILLS
Title: REGULATORY ANALYST Email: kmills@nobleenergyinc.com Date: 1/28/2014

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: 1/29/2014

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

400546663	FORM 4 SUBMITTED
400546669	OTHER

Total Attach: 2 Files