

# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400465083

Date Received:

08/08/2013

## 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:	<u>100322</u>	Contact Name	<u>Justin Garrett</u>
Name of Operator:	<u>NOBLE ENERGY INC</u>	Phone:	<u>(303) 228 4449</u>
Address:	<u>1625 BROADWAY STE 2200</u>	Fax:	<u>(303) 228 4286</u>
City:	<u>DENVER</u>	State:	<u>CO</u>
Zip:	<u>80202</u>	Email:	<u>JDGarrett@nobleenergyinc.com</u>

Complete the Attachment  
Checklist

OP OGCC

API Number :	<u>05-</u>	<u>123</u>	<u>37322</u>	<u>00</u>	OGCC Facility ID Number:	<u>432862</u>			
Well/Facility Name:	<u>Lonewolf</u>			Well/Facility Number:	<u>B02-65HC</u>				
Location QtrQtr:	<u>NWSW</u>	Section:	<u>2</u>	Township:	<u>5N</u>	Range:	<u>64W</u>	Meridian:	<u>6</u>
County:	<u>WELD</u>	Field Name:	<u>KERSEY</u>						
Federal, Indian or State Lease Number:	<u></u>								

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: HORIZONTAL (Vertical, Directional, Horizontal)

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

FNL/FSL		FEL/FWL	
<u>2071</u>	<u>FSL</u>	<u>175</u>	<u>FWL</u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>

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

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

Twp 5N Range 64W Meridian 6

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

Twp            Range            Meridian           

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

<u>2599</u>	<u>FSL</u>	<u>725</u>	<u>FWL</u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>

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

<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
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Current **Top of Productive Zone** Location **From** Sec 2

Twp 5N Range 64W

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

Twp            Range           

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

<u>2600</u>	<u>FSL</u>	<u>660</u>	<u>FEL</u>
<u>2719</u>	<u>FSL</u>	<u>1082</u>	<u>FEL</u>

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

<u>2719</u>	<u>FSL</u>	<u>1082</u>	<u>FEL</u>
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Current **Bottomhole** Location Sec 2 Twp 5N

Range 64W \*\* attach deviated drilling plan

New **Bottomhole** Location Sec 2 Twp 5N

Range 64W

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

**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>
CODELL	CODL		320	GWA

**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 LONEWOLF Number B02-65HC 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 08/08/2013

☐ REPORT OF WORK DONE Date Work Completed \_\_\_\_\_

- ☐ Intent to Recomplete (Form 2 also required)
- ☐ Request to Vent or Flare
- ☐ E&P Waste Mangement Plan
- ☒ Change Drilling Plan
- ☐ Repair Well
- ☐ Beneficial Reuse of E&P Waste
- ☐ Gross Interval Change
- ☐ Rule 502 variance requested. Must provide detailed info regarding request.
- ☐ Other \_\_\_\_\_
- ☐ Status Update/Change of Remediation Plans for Spills and Releases

COMMENTS:

I was going to check 'Other' and write in 'unplanned sidetrack', but eForms mandated that I check 'Change Drilling Plans' because casing/segment info was entered. - JG

Unplanned Sidetrack Plugback procedure: No cement plugs will be set in this well. This will be an open hole sidetrack within the lateral section of the original hole into the same formation. All hydrocarbon bearing zones are isolated by intermediate casing and cement.

- 1) TIH with back off tool and backoff drill pipe at ~8050'
- 2) Pull drill pipe out of hole leaving fish from ~8050'-10335'
- 3) TIH with reaming assembly to prep hole for an open hole hydraulically set mechanical whipstock. TOO H.
- 4) Mill rathole into formation and TOO H
- 5) PU lateral directional tools and drill per sidetrack directional plan.

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
Conductor casing	18	1		2	16				0	0	124	6	124	0
Surface String	13	3		4	9	5		8	36	0	644	359	644	0
First String	8	3		4	7				26	0	7151	575	7151	
Open Hole	6	1		8						7152	10339			

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**

**No BMP/COA Type**

**Description**

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**Operator Comments:**

Noble respectfully requests to sidetrack due to fish in hole. Aaron Duncan received verbal approval from Diana Burn to proceed 8/8/13 at 12:20 pm. Wellbore diagram attached. Situation: While drilling ahead in the lateral section we became stuck due to geological hazards at 10,339' (563' short of planned TD). A fish was left in the hole as we could not retrieve it. The drilling assembly and 1,700' of drill pipe was left down hole. We propose setting a open hole whipstock at 8,090' and sidetrack the lateral to avoid the geological hazards. The Lease, Spacing, and Pooling information and SHL location will not change.

Details:TMD Reached in original Hole: 10,339'. Fish Description: Drill bit, mud motor, MWD, drill collars, agitator, and drill pipe. Top of Fish: 8,551' MD. Proposed Open Hole Whipstock Set Depth: 8,090'. No cement will be pumped in lateral hole section. Hydrocarbon bearing zones are isolated by intermediate casing and cement. Proposed KOP: 8,085'. Proposed objective formation: Fort Hayes/Codell - Same as original hole. Proposed BHL: Different from APD: New: 2,719' FSL 1,082' FEL (Original: 2,600' FSL 660' FEL).

Plugback procedure in comments of Engineering/Environmental tab.

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

Signed: \_\_\_\_\_ Print Name: Justin Garrett  
Title: Regulatory Analyst Email: JDGarrett@nobleenergyinc.com Date: 8/8/2013

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

COGCC Approved: KING, KEVIN Date: 9/12/2013

**CONDITIONS OF APPROVAL, IF ANY:****COA Type****Description**

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**General Comments****User Group****Comment****Comment Date**

Permit	Directional data attached to related APD #400465084.	9/12/2013 1:00:43 PM
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Total: 1 comment(s)

**Attachment Check List****Att Doc Num****Name**

400465083	FORM 4 SUBMITTED
400465372	DIRECTIONAL DATA
400465374	WELLBORE DIAGRAM

Total Attach: 3 Files