

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400506511

Date Received:

11/06/2013

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

Complete the Attachment  
Checklist

OP OGCC

API Number :	05-	123	38147	00	OGCC Facility ID Number:	434419			
Well/Facility Name:	Mackinaw			Well/Facility Number:	A19-79HNA				
Location QtrQtr:	NENE	Section:	24	Township:	6N	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: HORIZONTAL (Vertical, Directional, Horizontal)

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

FNL/FSL		FEL/FWL	
330	FNL	1077	FEL

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

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Current **Surface** Location **From** QtrQtr NENE Sec 24

Twp 6N Range 65W Meridian 6

New **Surface** Location **To** QtrQtr \_\_\_\_\_ Sec \_\_\_\_\_

Twp \_\_\_\_\_ Range \_\_\_\_\_ Meridian \_\_\_\_\_

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

960	FNL	75	FWL
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Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

725	FNL	240	FWL
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Current **Top of Productive Zone** Location **From** Sec 19

Twp 6 Range 64

New **Top of Productive Zone** Location **To** Sec 19

Twp 6 Range 64

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

535	FSL	75	FWL
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Change of **Bottomhole** Footage **To** Exterior Section Lines:

535	FSL	240	FWL
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Current **Bottomhole** Location Sec 19 Twp 6

Range 64 \*\* attach deviated drilling plan

New **Bottomhole** Location Sec 19 Twp 6

Range 64

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				
Objective Formation	Formation Code	Spacing Order Number	Unit Acreage	Unit Configuration

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
 MACKINAW
 Number
 A19-79HNA
 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 11/05/2013

☐ 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 checked="" type="checkbox"/> Change Drilling Plan             | <input 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:

Noble Energy respectfully requests approval to change the BHL and casing point/top of production of this well due to engineering concerns. The Lease, Spacing, and Pooling information and SHL locations will not change. A revised plat, directional plan, & directional data spreadsheet are attached. TMD changes from 10974 to 11258. Offset wells were re-evaluated. The following wells were added/changed: 05-123-13426 LOG CABIN 1, 05-123-23283 LUPPENS 5-19, 05-123-32209 ROTH 19-19, 05-123-32210 ROTH 22-19, 05-123-13135 ROTH 4-30, 05-123-13523 ROTH 4-30-P, 05-123-17321 ROTH A 19-12, 05-123-17320 ROTH A 19-13, 05-123-12757 WEBER 4-19, 05-123-13197 WPF III A18-13A.

#### 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	100	6	100	0
Surface String	13	3		4	9	5		8	36	0	700	330	700	0
First String	8	3		4	7				26	0	7204	490	7204	
1ST LINER	6	1		8	4	1		2	11.6	7054	11258			

#### 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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Signed: \_\_\_\_\_ Print Name: Justin Garrett

Title: Regulatory Analyst Email: Regulatorynotification@nobleenergyinc.c Date: 11/6/2013

COGCC Approved: Sachen, Toby Date: 11/12/2013

Total: 0 comment(s)

400506511	FORM 4 SUBMITTED
400507118	OFFSET WELL EVALUATION
400507119	DEVIATED DRILLING PLAN
400507120	WELL LOCATION PLAT
400507121	DIRECTIONAL DATA

Total Attach: 5 Files