

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: 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 36726 00 OGCC Facility ID Number: 431675
Well/Facility Name: LONE PINE Well/Facility Number: LB19-78HNX
Location QtrQtr: NWNW Section: 19 Township: 9N Range: 60W Meridian: 6
County: WELD Field Name: WILDCAT
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 40.741060 PDOP Reading 2.6 Date of Measurement 05/08/2014
Longitude -104.144730 GPS Instrument Operator's Name Wyatt Hall

LOCATION CHANGE (all measurements in Feet)

Well will be: DIRECTIONAL (Vertical, Directional, Horizontal)

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

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

Current **Surface** Location **From** QtrQtr NWNW Sec 19

New **Surface** Location **To** QtrQtr NWNW Sec 19

FNL/FSL		FEL/FWL	
<u>275</u>	<u>FNL</u>	<u>275</u>	<u>FWL</u>
<u>275</u>	<u>FNL</u>	<u>295</u>	<u>FWL</u>
Twp <u>9N</u>	Range <u>60W</u>	Meridian <u>6</u>	
Twp <u>9N</u>	Range <u>60W</u>	Meridian <u>6</u>	

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 19

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

<u>731</u>	<u>FNL</u>	<u>660</u>	<u>FWL</u>
<u>150</u>	<u>FNL</u>	<u>660</u>	<u>FWL</u>
Twp <u>9N</u>	Range <u>60W</u>		
Twp <u>9N</u>	Range <u>60W</u>		
<u>660</u>	<u>FSL</u>	<u>660</u>	<u>FWL</u>
<u>150</u>	<u>FNL</u>	<u>660</u>	<u>FWL</u>

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

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

Current **Bottomhole** Location Sec 19 Twp 9N

New **Bottomhole** Location Sec 19 Twp 9N

Range <u>60W</u>	** attach deviated drilling plan
Range <u>60W</u>	

Is location in High Density Area? No

Distance, in feet, to nearest building 3527, public road: 286, above ground utility: 277, railroad: 5280,

property line: 275, lease line: 0, well in same formation: 1275

Ground Elevation 4971 feet Surface owner consultation date 05/30/2012

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

LONE PINE

Number

LB19-78HNX

Effective Date:

05/20/2014

To:

Name

Lone Pine

Number

LB19-78HN

☐

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 06/01/2014

☐ 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:

Noble Energy respectfully requests to move the SHL, Casing Point, and BHL of this well in order to create a directional pilot test hole for scientific purposes. This well will be drilled through the cretaceous to the Top of the D Sand formation, cored and logged, and plugged back, as detailed in the procedures. A future horizontal Cretaceous well will be permitted as a planned sidetrack based on the results of testing. We will not produce hydrocarbons from this pilot test hole. Revised plat and directional plan attached. Spacing Unit Application has been submitted for July 28th hearing; Intake No. 47.

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	26				16				0	0	100	6	100	0
Surface String	13	3		4	9	5		8	36	0	660	320	660	0
First String	8	3		4	7				26	0	7281	490	7281	
Open Hole	6	1		8						7282	7349			

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

1	General Housekeeping	Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup of trash and discarded materials will be conducted at the end of each work day. Cleanup will consist of patrolling the roadway, access areas, and other work areas to pickup trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.
2	Storm Water/Erosion Control	Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with Oil & Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE) General Permit No. COR- 038637. BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place and maintained until the pad reaches final reclamation.
3	Material Handling and Spill Prevention	Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with Oil & Gas operations throughout the state of Colorado in accordance with CFR 112.

Total: 3 comment(s)

Operator Comments:**Sidetrack Procedure:**

1. PU 850' of 2-7/8" tubing stinger and TIH to TD. C&C mud for cementing operations.
2. Pump abandonment cement plug #1 from 7349'-6699' (final volumes to be confirmed with OH caliper log).
 - a. 34bbls of 13.5ppg water based tuned spacer
 - b. 48bbls (180sk) of 15.8ppg Class G PlugCem at 1.51ft3/sk
 - c. 5bbls of 13.5ppg water based tuned spacer
 - d. Displace with 67bbls drilling mud
3. POOH, circulate excess cement out, WOC, and TIH to plug #2 setting depth.
4. Pump kick off plug #2 from 6699'-6099' (final volumes to be confirmed with OH caliper log).
 - a. 35bbls of 13.5ppg water based tuned spacer
 - b. 45bbls (270sk) of 17.5ppg Class G GraniteCem at 0.94ft3/sk
 - c. 5bbls of 13.5ppg water based tuned spacer
 - d. Displace with 60bbls drilling mud
5. POOH, circulate excess cement out, continue to POOH and PU sidetrack assembly.
6. TIH to 500' above plug and WOC.
7. Kick off of plug per approved directional plan to drill curve section.

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: _____

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

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400612178	DIRECTIONAL DATA
400612180	DEVIATED DRILLING PLAN
400612183	WELL LOCATION PLAT

Total Attach: 3 Files