

FORM
2

Rev
12/05

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
Document Number: 400220578			
PluggingBond SuretyID 20030009			

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☐

Refiling ☐
Sidetrack ☐

3. Name of Operator: NOBLE ENERGY INC 4. COGCC Operator Number: 100322
5. Address: 1625 BROADWAY STE 2200
City: DENVER State: CO Zip: 80202
6. Contact Name: Justin Garrett Phone: (303)228-4449 Fax: (303)228-4286
Email: JGGarrett@nobleenergyinc.com
7. Well Name: Timmerman Well Number: G13-21D
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 7268

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 13 Twp: 4N Rng: 65W Meridian: 6
Latitude: 40.312710 Longitude: -104.612190

Footage at Surface: 2508 feet FNL 2411 feet FWL

11. Field Name: Wattenberg Field Number: 90750
12. Ground Elevation: 4775 13. County: WELD

14. GPS Data:

Date of Measurement: 08/26/2011 PDOP Reading: 1.0 Instrument Operator's Name: Kyle Rutz

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
2565 FNL 2538 FWL 2565 FNL 2538 FWL
Sec: 13 Twp: 4N Rng: 65W Sec: 13 Twp: 4N Rng: 65W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No
17. Distance to the nearest building, public road, above ground utility or railroad: 834 ft
18. Distance to nearest property line: 134 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 875 ft

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Codell	CODL	407-87	160	GWA
Niobrara	NBRR	407-87	160	GWA

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____
22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian
23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: _____
23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No
23b. If 23 is No: ☒ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

Please see attached.

25. Distance to Nearest Mineral Lease Line: 1165 ft

26. Total Acres in Lease: 128

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☐ No

31. Mud disposal: ☒ Offsite ☐ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Closed loop

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	700	288	700	0
1ST	7+7/8	4+1/2	11.6	0	7,268	583	7,268	

32. BOP Equipment Type: ☒ Annular Preventer ☐ Double Ram ☐ Rotating Head ☐ None

33. Comments Conductor Casing will not be used. First String top of cement will be 200' above Niobrara formation. Well is part of a 6-well pad consisting of the proposed Timmerman G13-18D (Doc #400220576), Timmerman G13-20D (Doc #400220577), Timmerman G13-21D (Doc #400220578), Timmerman G13-22D (Doc #400220579), Timmerman G13-32D (Doc #400220580), and Timmerman G13-33D (Doc #400220581); multi-well plan attached. The production facilities for the proposed pad will be added to existing equipment approx. 450' SW of the pad (Doc #400220583). Unit Configuration = SE/4NW/4, SW/4NE/4, NW/4SE/4, NE/4SW/4. Noble Energy Inc. requests approval of Rule 318A.a Surface location outside window; 318A.c Twinning location exception; & 603a.2 Property line exception, request letter and signed waiver are attached.

34. Location ID: _____

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

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 Specialist Date: 1/9/2012 Email: JDGarrett@nobleenergyinc.

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: David S. Nesline

Director of COGCC Date: 1/31/2012

API NUMBER

05 123 35026 00

Permit Number: _____ Expiration Date: 1/30/2014

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

Water sampling is required & opr nnotified. Added opr comment as directed by opr. Ready to pass pending public comment 1/30/12

- 1)Provide 24 hour notice of MIRU to Mike Hickey via e-mail at mike.hickey@state.co.us.
- 2)Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with a cement bond log.
- 3)Comply with Rule 321. Run and submit Directional Survey from the end of production casing to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

Att Doc Num	Name
2481373	SURFACE CASING CHECK
400220578	FORM 2 SUBMITTED
400238203	30 DAY NOTICE LETTER
400238204	PLAT
400238206	DEVIATED DRILLING PLAN
400238207	LEGAL/LEASE DESCRIPTION
400238208	MULTI-WELL PLAN
400238209	SURFACE AGRMT/SURETY
400238210	EXCEPTION LOC WAIVERS
400238211	EXCEPTION LOC REQUEST
400238212	WAIVERS
400238213	PROPOSED SPACING UNIT
400238659	DIRECTIONAL DATA

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review complete.	1/31/2012 8:55:51 AM
Permit	Operator input information into the directional template. This form has passed completeness.	1/9/2012 11:50:29 AM
Permit	Returned to draft. Missing directional template.	1/9/2012 9:52:01 AM

Total: 3 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
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.
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 until the pad reaches final reclamation.
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)