

FORM
2

Rev
12/05

State of Colorado Oil and Gas Conservation Commission

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Document Number:

400456317

Date Received:

07/29/2013

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

PluggingBond SuretyID

20030009

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: JGarrett@nobleenergyinc.com

7. Well Name: Guttersen State Well Number: DD17-79-1HN

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 11496

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 17 Twp: 3N Rng: 63W Meridian: 6

Latitude: 40.218870 Longitude: -104.469670

Footage at Surface: 275 feet FSL 387 feet FSL 387 feet FSL 387 feet FSL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4820 13. County: WELD

14. GPS Data:

Date of Measurement: 05/29/2013 PDOP Reading: 2.0 Instrument Operator's Name: Ben Hardenbergh

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

Footage at Top of Prod Zone: 728 FSL 333 FSL 75 FSL 330 FSL
Bottom Hole: 75 FSL 330 FSL
Sec: 17 Twp: 3N Rng: 63W Sec: 17 Twp: 3N Rng: 63W

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: 5281 ft

18. Distance to nearest property line: 275 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 259 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.)
NIOBRARA	NBRR		400	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):
 T3N-R63W Sec 17: All. Distance to nearest mineral lease line is 0' due to multiple leases covering same lands. Horizontal well crosses lease line within GWA horizontal wellbore unit; distance to lease line is 75 feet; distance to nearest unit boundary is 728 feet.

25. Distance to Nearest Mineral Lease Line: 0 ft 26. Total Acres in Lease: 640

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
CONDUCTOR	18+1/2	16	0	0	100	6	100	0
SURF	13+3/4	9+5/8	36	0	750	360	750	
1ST	8+3/4	7	26	0	6,969	470	6,969	
1ST LINER	6+1/8	4+1/2	11.6	6819	11,496			

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

33. Comments First String top of cement will be 200' above Niobrara formation. The production liner will be hung off inside 7" casing. Well is part of a 3-well pad consisting of the proposed Guttersen State DD17-78HN (Doc #400456313), Guttersen State DD17-79-1HN (Doc #400456317), & Guttersen State DD17-79HN (Doc #400456319). The production facilities will be within the pad disturbance and dedicated to the wells being permitted. Noble Energy Inc. requests approval of Rule 318A.a Surface location outside window; 318A.c Twinning location exception, request letter and signed waiver are attached. Distance to nearest building, public road, above ground utility, & railroad is greater than 1 mile. Question 19 nearest well is the proposed Guttersen State DD17-79HN. Spacing Unit also contains State minerals (Lesae # 7976.4). Unit configuration = Sec 7: SE/4SE/4, Sec 8: SW/4SW/4, Sec 17: W/2W/2, Sec 18: E/2E/2.

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 Analyst Date: 7/29/2013 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: _____ **Director of COGCC** Date: _____

API NUMBER Permit Number: _____ Expiration Date: _____

05 **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.

Attachment Check List

Att Doc Num	Name
400456317	FORM 2 SUBMITTED
400457764	DIRECTIONAL DATA
400457765	30 DAY NOTICE LETTER
400457766	DEVIATED DRILLING PLAN
400457767	PLAT
400457768	OFFSET WELL EVALUATION
400457769	SURFACE AGRMT/SURETY
400457776	EXCEPTION LOC REQUEST
400457778	EXCEPTION LOC WAIVERS
400457779	PROPOSED SPACING UNIT

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft. SUA does not specify agreed upon lands.	7/30/2013 2:32:09 PM

Total: 1 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.
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.
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.

Total: 3 comment(s)