

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



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APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

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

Document Number:

400083485

Plugging Bond Surety

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: Susan Miller Phone: (303)228-4246 Fax: (303)228-4286

Email: smiller@nobleenergyinc.com

7. Well Name: KLEIN Well Number: B19-29D

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

9. Proposed Total Measured Depth: 7135

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 19 Twp: 5N Rng: 64W Meridian: 6

Latitude: 40.390030 Longitude: -104.598880

Footage at Surface: 665 FNL 839 FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4630 13. County: WELD

14. GPS Data:

Date of Measurement: 06/01/2010 PDOP Reading: 2.6 Instrument Operator's Name: Brian Brinkman

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
75 FNL 1385 FWL 75 FNL 1385 FWL
Sec: 19 Twp: 5N Rng: 64W Sec: 19 Twp: 5N Rng: 64W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 693 ft

18. Distance to nearest property line: 13 ft 19. Distance to nearest well permitted/completed in the same formation: 1132 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	See Comments
Niobrara	NBRR	407-87	160	See Comments

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 Bon ☐ \$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):
Township 5-North, Range 64-West, Section 19: NW/4.

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 160

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☒ Offsite ☐ Onsite

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	600	248	600	0
1ST	7+7/8	4+1/2	11.6	7,135	641	7,135	

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 the Niobrara formation. Operator requests approval of Rule 603.a.(2) exception location for well location 13' from nearest property line, request letter and signed waiver attached. This is part of a 2-well, multi-well pad permit which includes: proposed Klein B19-29D and twinning existing Klein USX B19-14 (as-drilled GPS sundry notice submitted for this well). Unit Configuration: Section 19: N/2NW/4; Section 18: S/2SW/4.

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: Susan Miller

Title: Regulatory Analyst II Date: _____ Email: smiller@nobleenergyinc.com

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: _____

Permit Number: _____ Expiration Date: _____

API NUMBER

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	Doc Description
400083499	30 DAY NOTICE LETTER	30 Day Notices.pdf
400085625	WELL LOCATION PLAT	Approved Plat.pdf
400085629	DEVIATED DRILLING PLAN	Dir Drilling Plan.pdf
400085631	PROPOSED SPACING UNIT	318Ae Spacing Unit Map.pdf
400085632	PROPOSED SPACING UNIT	318Ae Spacing Unit Plat.pdf
400085633	EXCEPTION LOC REQUEST	Property Line Request.pdf
400085635	EXCEPTION LOC WAIVERS	Property Line Waiver.pdf
400105784	OTHER	20 Day Cert Letter.pdf

Total Attach: 8 Files