

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:

400027095

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: Cheryl Johnson Phone: (303)228-4437 Fax: (303)228-4286

Email: cheryljohnson@nobleenergyinc.com

7. Well Name: SCHMIDT K Well Number: 23-24D

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

9. Proposed Total Measured Depth: 7972

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 23 Twp: 4N Rng: 66W Meridian: 6

Latitude: 40.296550 Longitude: -104.744830

 Footage at Surface: 2326 FNL/FSL 2551 FEL/FWL
 FSL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4726 13. County: WELD

14. GPS Data:

Date of Measurement: 09/23/2009 PDOP Reading: 1.2 Instrument Operator's Name: STEVEN A. LUND

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
 1220 FSL 2584 FWL 1220 FSL 2584 FWL
 Sec: 23 Twp: 4N Rng: 66W Sec: 23 Twp: 4N Rng: 66W
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: 112 ft

18. Distance to nearest property line: 109 ft 19. Distance to nearest well permitted/completed in the same formation: 695 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	W2SE4 E2SW4
JSand	JSND	407-87	160	W2SE4 E2SW4
NIOBRARA	NBRR	407-87	160	W2SE4 E2SW4

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):

T4N R66W: Section 23 - SW4 except a 2.57 acrea in the NW corner as follows: At the NW corner of the SW4 of Sec 23 then South 236 ft then east parallel to North line of Sec 23 for 474 ft then North 236 ft then West 474 ft.

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 158

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	550	236	550	0
1ST	7+7/8	4+1/2	11.6	7,972	765	7,972	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. TOC=200' ABOVE THE NIOBRARA. This well is part of a 6 well multi-well pad. Noble requests approval of Rule 603.a.(2) exception location for well location 109 ft from nearest property line, request letter and signed waiver 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: Cheryl Johnson

Title: Regulatory Analyst Date: _____ Email: cheryljohnson@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 05 Permit Number: _____ Expiration Date: _____

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
400057276	PLAT	Schmidt K23-24D Plat.pdf
400057278	30 DAY NOTICE LETTER	Schmidt K23-24D 30 Day Notice Ltr.pdf
400057279	DEVIATED DRILLING PLAN	Schmidt K23-24DDirectional Plan.pdf
400057281	EXCEPTION LOC WAIVERS	Schmidt K23-24D Except 318Ae 318Ac Waiver.pdf
400057284	EXCEPTION LOC REQUEST	Schmidt K23-24D Except Rqst Ltr 318Ae.pdf
400057286	EXCEPTION LOC WAIVERS	Schmidt K23-24D Prop Line Excpt Waiver.pdf
400057288	EXCEPTION LOC REQUEST	Schmidt K23-24D Property Line Excpt Rqst Ltr.pdf
400057291	PROPOSED SPACING UNIT	Schmidt K23-24D Proposed Spacing Rqst Ltr.pdf

Total Attach: 8 Files