

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:

400099391

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: LaSalle Well Number: K01-27D

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

9. Proposed Total Measured Depth: 7398

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 36 Twp: 5N Rng: 66W Meridian: 6

Latitude: 40.350400 Longitude: -104.722840

 Footage at Surface: 710 FNL/FSL 1994 FEL/FWL
 FSL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4663 13. County: WELD

14. GPS Data:

Date of Measurement: 05/26/2010 PDOP Reading: 2.0 Instrument Operator's Name: David Holmes

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 FSL 1320 FEL 75 FSL 1320 FEL
 Sec: 36 Twp: 5N Rng: 66W Sec: 36 Twp: 5N 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: 630 ft

18. Distance to nearest property line: 640 ft 19. Distance to nearest well permitted/completed in the same formation: 874 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):
See attached lease description and mineral lease map. (acreage is actually 84.5)

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 84

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	540	230	540	0
1ST	7+7/8	4+1/2	11.6	7,398	680	7,398	

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

33. Comments Conductor casing won't be used for this well. 1st String TOC = 200 ft above Niobrara. This well is twinning the Rehmer 1 well. It is part of an existing 3-well pad which will include the Rehmer 1, LaSalle K01-27D and the LaSalle K01-28D. Unit configuration: T4N R66W: Section 1 N/2NE/4, T5N R66W: Section 36 S/2SE/4.

34. Location ID: 323135

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 II 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
400109032	30 DAY NOTICE LETTER	LaSalle K01-27D 30 Day Ltr .pdf
400109033	PLAT	LaSalle K01-27D Plat.pdf
400109034	DEVIATED DRILLING PLAN	Lasalle K01-27D Deviated Drilling Plan.pdf
400109035	MINERAL LEASE MAP	LaSalle K01-27D Mineral Lease Desc and map.pdf
400109036	SURFACE AGRMT/SURETY	LaSalle K01-27D SUA.pdf
400109041	PROPOSED SPACING UNIT	LaSalle K01-27D Proposed Spacing Unit.pdf

Total Attach: 6 Files