

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:

400006049

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: Kate Shirley Phone: (303)228-4449 Fax: (303)228-4286

Email: kshirley@nobleenergyinc.com

7. Well Name: KISSLER K Well Number: 21-20D

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

9. Proposed Total Measured Depth: 7540

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 21 Twp: 4N Rng: 66W Meridian: 6

Latitude: 40.297090 Longitude: -104.783790

Footage at Surface: 2626 FNL/FSL FSL 2258 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4756 13. County: WELD

14. GPS Data:

Date of Measurement: 06/30/2009 PDOP Reading: 1.6 Instrument Operator's Name: Seven A. Lund

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

Footage at Top of Prod Zone: FNL/FSL 2576 FSL 1297 FEL/FWL FWL Bottom Hole: FNL/FSL 2576 FSL 1297 FEL/FWL FWL
Sec: 21 Twp: 4N Rng: 66W Sec: 21 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: 218 ft

18. Distance to nearest property line: 10 ft 19. Distance to nearest well permitted/completed in the same formation: 917 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#: 20030012

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):
See attached.

25. Distance to Nearest Mineral Lease Line: 83 ft 26. Total Acres in Lease: 232

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: _____

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	500	208	500	0
1ST	7+7/8	4+1/2	11.6	7,540	540	7,540	

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

33. Comments No conductor casing will be used. TOC= 200' above the Niobrara. Well will be drilled on the same pad as the Kissler K21-21D and the Kissler K21-18D. Noble requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Noble requests approval of a 306.d.(1).A.ii exception location: Wellhead is to be located less than 150 from a property line. Proposed spacing unit is N/2SW4 & S/2NW4.

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: Kate Shirley

Title: Regulatory Specialist Date: 1/27/2010 Email: kshirley@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: David S. Nesline Director of COGCC Date: 4/28/2010

API NUMBER

05 123 31504 00

Permit Number: _____ Expiration Date: 4/27/2012

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.

1) Provide 24 hour notice of MIRU to Bo Brown at 970-330-6085 or e-mail at bo.brown@state.co.us. 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log. 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Property line exception granted; Well location exceptions 318Aa, 318Ac granted. Rule 603.a.(2) exception location for property line @ 10', request and waivers attached (jps 4/7)

Attachment Check List

Att Doc Num	Name	Doc Description
1769987	SURFACE CASING CHECK	LF@2422374 1769987
400033237	WELL LOCATION PLAT	LF@2395830 400033237
400033238	30 DAY NOTICE LETTER	LF@2395831 400033238
400033239	DEVIATED DRILLING PLAN	LF@2395832 400033239
400033240	EXCEPTION LOC REQUEST	LF@2395833 400033240
400033241	EXCEPTION LOC WAIVERS	LF@2395834 400033241
400033242	LEGAL/LEASE DESCRIPTION	LF@2395835 400033242
400033243	EXCEPTION LOC WAIVERS	LF@2395836 400033243
400033244	PROPOSED SPACING UNIT	LF@2395837 400033244
400033247	FORM 2 SUBMITTED	LF@2395838 400033247

Total Attach: 10 Files