

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:

400068416

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: DF Ranch PC GK Well Number: 17-99HZ

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

9. Proposed Total Measured Depth: 12234

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 17 Twp: 11N Rng: 61W Meridian: 6

Latitude: 40.928510 Longitude: -104.236140

Footage at Surface: 155 FNL 850 FWL

11. Field Name: Grover Field Number: 33380

12. Ground Elevation: 5312 13. County: WELD

14. GPS Data:

Date of Measurement: 05/06/2010 PDOP Reading: 2.3 Instrument Operator's Name: Nicole Hay

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
728 FNL 1401 FWL 1200 FSL 625 FEL
Sec: 17 Twp: 11N Rng: 61W Sec: 17 Twp: 11N Rng: 61W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 4400 ft

18. Distance to nearest property line: 155 ft 19. Distance to nearest well permitted/completed in the same formation: 1242 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	unspaced	640	All Sec 17

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 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):
T11N R61W: Section 17 - All

25. Distance to Nearest Mineral Lease Line: 625 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 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
CONDUCTOR	16+1/4	15+5/8		100	6	100	
SURF	12+1/4	9+5/8	36	1,400	440	1,400	
1ST	8+3/4	7	26	7,403	650	7,403	
1ST LINER	6+1/8	4+1/2	11.6	12,234			

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

33. Comments 1st String TOC = 200 above Niobrara. Production liner will be hung off inside 7" casing. Well location is in Upper Creek designated groundwater basin. Sundries to abandon Niobrara formation for DF Ranch 1161-17-24, DF Ranch 1161-17-42, DF Ranch 1161-17-22 are being submitted. The DF Ranch 1161-17-12 will be the closest well with Niobrara formation once the sundries have been processed. Facilities will be at a separate location SW of the well

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: 7/8/2010 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
400068416	FORM 2 SUBMITTED	400068416.pdf
400075245	30 DAY NOTICE LETTER	DF Ranch PC GK17-99HZ 30 Day Notice.pdf
400075246	PLAT	DF Ranch PC GK17-99HZ Plat.pdf
400075247	DEVIATED DRILLING PLAN	DF Ranch PC GK17-99HZ Plan 1.pdf
400075269	SURFACE AGRMT/SURETY	DF Ranch PC GK17-99HZ SUA Memo.pdf

Total Attach: 5 Files