

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



DE	ET	OE	ES
----	----	----	----

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:

400094034

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: JAN KAJIWARA Phone: (303)228-4092 Fax: (303)228-4286

Email: jkajiwara@nobleenergyinc.com

7. Well Name: FEIT E Well Number: 23-99HZ

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

9. Proposed Total Measured Depth: 10658

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 23 Twp: 6N Rng: 65W Meridian: 6

Latitude: 40.475150 Longitude: -104.637280

Footage at Surface: 1327 FNL/FSL FNL 755 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4732 13. County: WELD

14. GPS Data:

Date of Measurement: 08/25/2010 PDOP Reading: 2.2 Instrument Operator's Name: BRIAN T 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
 1376 FNL 1415 FWL 1600 FNL 535 FEL
 Sec: 23 Twp: 6N Rng: 65W Sec: 23 Twp: 6N Rng: 65W
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: 450 ft

18. Distance to nearest property line: 755 ft 19. Distance to nearest well permitted/completed in the same formation: 540 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		320	N/2

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 FOR LEASE DESCRIPTION. ALL LEASES WILL BE POOLED ON COMPLETION OF WELLBORE.

25. Distance to Nearest Mineral Lease Line: 535 ft 26. Total Acres in Lease: 318

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	18+1/2	16+0/0		100	6	100	0
SURF	12+1/4	9+5/8	36	600	240	600	0
1ST	8+3/4	7+0/0	26	7,272	630	7,272	
1ST LINER	6+1/8	4+1/2	11.6	10,685		10,685	

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

33. Comments TOP OF CEMENT = 200' ABOVE NIOBRARA. The production liner will be hung off inside of 7" casing..

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: JAN KAJIWARA

Title: REGULATORY ANALYST Date: 11/1/2010 Email: jkajiwara@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
400094034	FORM 2 SUBMITTED	400094034.pdf
400104553	WELL LOCATION PLAT	FEIT E23-99HZ LOCATION PLAT.PDF
400104554	30 DAY NOTICE LETTER	FEIT E23-99HZ ADVANCE NOTICE.pdf
400104556	EXCEPTION LOC WAIVERS	FEIT E23-99HZ EXC LOC WAIVER.pdf
400104560	DEVIATED DRILLING PLAN	HORIZONTAL 10-28-10.pdf
400104901	EXCEPTION LOC REQUEST	Twinning.pdf
400104902	LEGAL/LEASE DESCRIPTION	LEASE DESCRIPTION.pdf
400104903	PROPOSED SPACING UNIT	SPACING UNIT.pdf
400104904	SURFACE AGRMT/SURETY	SUA.pdf

Total Attach: 9 Files