

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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Document Number:

400068210

Plugging Bond Surety

20030009

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 ☐

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: Amen PC Well Number: D06-29

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

9. Proposed Total Measured Depth: 7700

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 6 Twp: 3N Rng: 64W Meridian: 6

Latitude: 40.260990 Longitude: -104.598360

Footage at Surface: 200 FNL/FSL 1139 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4838 13. County: WELD

14. GPS Data:

Date of Measurement: 04/29/2010 PDOP Reading: 1.8 Instrument Operator's Name: Robert Daley

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 _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 170 ft

18. Distance to nearest property line: 200 ft 19. Distance to nearest well permitted/completed in the same formation: 829 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
JSand	JSND		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#: _____

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):
T3N R64W: Section 6 W/2

25. Distance to Nearest Mineral Lease Line: 200 ft 26. Total Acres in Lease: 300

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	650	230	650	0
1ST	7+7/8	4+1/2	11.6	7,700	725	7,700	

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

33. Comments Conductor casing will not be set for this well. 1st String TOC = 200 ft above Niobrara. This is the reference well for the facilities location (See form 2A 400068221). Unit configuration: T3N R4W Section N/2NW/4; T4N R64W Section 31 S/2NE/4. Operator 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. Waivers 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: 8/5/2010 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: David S. Nesline Director of COGCC Date: 9/2/2010

API NUMBER

05 123 32149 00

Permit Number: _____ Expiration Date: 9/1/2012

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.

COGCC ENG COA - SME

- 1) Provide 24 hr notice of spud to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us.
- 2) Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below to 200' above Sussex. Verify coverage with cement bond log.
- 4) If dry hole, 60 sks cement 50' above j-sand top, 40 sks cement 50' above Niobrara top, 40 sks cement 50' above Sussex top, 50 sks cement ½ out, ½ in surface casing, 10 sks cement top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole. Restore surface location.

Derrick height (ground to crown) cannot exceed 113 feet due to close proximity to overhead power line unless a variance is requested and approved by the director.

Attachment Check List

Att Doc Num	Name	Doc Description
1726074	SURFACE CASING CHECK	LF@2524190 1726074
2529409	SURFACE AGRMT/SURETY	LF@2528012 2529409
400068210	FORM 2 SUBMITTED	LF@2519257 400068210
400082497	PLAT	LF@2519258 400082497
400082498	30 DAY NOTICE LETTER	LF@2519259 400082498
400082499	EXCEPTION LOC WAIVERS	LF@2519260 400082499
400082590	EXCEPTION LOC REQUEST	LF@2519261 400082590
400082591	PROPOSED SPACING UNIT	LF@2519262 400082591

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date
Permit	received revised lease description	9/1/2010 12:50:30 PM
Permit	Why are the leases the same as the roving 160 units for both these wells on this pad?	8/25/2010 6:17:47 AM
Permit	SUA attached with form 2 400068336 twinned well HOFF PC D06-28D	8/6/2010 1:04:04 PM

Total: 3 comment(s)

Error: Subreport could not be shown.