

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:

400011532

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: WELLS RANCH USX AE Well Number: 31-99HZ

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

9. Proposed Total Measured Depth: 10622

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 31 Twp: 6N Rng: 62W Meridian: 6

Latitude: 40.446360 Longitude: -104.373160

Footage at Surface: 1394 FNL/FSL FNL 723 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4694 13. County: WELD

14. GPS Data:

Date of Measurement: 06/08/2009 PDOP Reading: 1.4 Instrument Operator's Name: Steven A. Lund

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
 700 FSL 1320 FEL 700 FSL 1320 FEL
 Sec: 31 Twp: 6N Rng: 62W Sec: 31 Twp: 6N Rng: 62W
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: 5280

18. Distance to nearest property line: 723 19. Distance to nearest well permitted/completed in the same formation: 617

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	407-87	640	All

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):
T6N-R62W Section 31: ALL

25. Distance to Nearest Mineral Lease Line: _____ 700 _____ 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: _____

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	9+5/8	36	650	210	650	0
1ST	8+3/4	7	26	6,913	625	6,913	
1ST LINER	6+1/8	4+1/2	11.6	10,622			

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

33. Comments No Conductor Casing will be used. 1st String TOC=200' above Niobrara. Production Liner will be hung off inside 7" casing. This well is part of a pilot program. Exception Location 318Ae twinning 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: Kate Shirley

Title: Regulatory Specialist Date: _____ 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: _____ Director of COGCC Date: _____

API NUMBER 05 Permit Number: _____ Expiration Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____

Attachment Check List

Att Doc Num	Name	Doc Description
400011535	WELL LOCATION PLAT	Wells Ranch USX AE 31-99HZ_Plat.pdf
400011536	30 DAY NOTICE LETTER	Wells Ranch USX AE 31-99HZ_30 Day Letter.pdf
400011537	DEVIATED DRILLING PLAN	Wells Ranch USX AE 31-99HZ_Directional Plan.pdf
400011538	SURFACE AGRMT/SURETY	Wells Ranch USX AE 31-99HZ_SUA.pdf
400011539	EXCEPTION LOC REQUEST	Wells Ranch USX AE 31-99HZ_Exception Loc Request (Director Letter).pdf
400011540	EXCEPTION LOC WAIVERS	Wells Ranch USX AE 31-99HZ_Exception Loc Waiver.pdf

Total Attach: 6 Files