

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:

400079192

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: Five Rivers Well Number: BB30-21

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

9. Proposed Total Measured Depth: 6800

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 30 Twp: 5N Rng: 63W Meridian: 6

Latitude: 40.370510 Longitude: -104.479690

Footage at Surface: 2599 FNL/FSL FNL 2477 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4577 13. County: WELD

14. GPS Data:

Date of Measurement: 05/10/2010 PDOP Reading: 1.5 Instrument Operator's Name: Brian 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

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: 155 ft

18. Distance to nearest property line: 67 ft 19. Distance to nearest well permitted/completed in the same formation: 800 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#: _____

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):
T5N R63W: Section 30 - Lots 1, 2 and east half of NW/4 (also described as the NW/4).

25. Distance to Nearest Mineral Lease Line: _____ 67 ft 26. Total Acres in Lease: _____ 161

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	500	210	500	0
1ST	7+7/8	4+1/2	11.6	6,800	590	6,800	

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

33. Comments Conductor casing will not be used for this well. 1st string TOC = 200' above Niobrara. Noble will be taking safety precautions due to the close proximity of the overhead utility to the east of the location. Noble requests th approval of Rule 603.a.(2) exception location for well location 67 feet from the nearest property lin, request letter and signed waiver attached. Unit configuration: SWNE, SE/NW, NE/SW and NW/SE of Section 30 T5N R63W.

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: _____ 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: _____

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
400093075	30 DAY NOTICE LETTER	Five Rivers BB30-21 30 Day Ltr.pdf
400093077	PLAT	Five Rivers BB30-21 Plat.pdf
400093078	EXCEPTION LOC REQUEST	Five Rivers BB30-21 Property Line Waiver.pdf
400093079	EXCEPTION LOC WAIVERS	Five Rivers BB30-21 Property Line Excpt Rqst.pdf
400093109	EXCEPTION LOC WAIVERS	Five Rivers BB30-21 318Ae Excpt Waiver Ltr.pdf
400093110	PROPOSED SPACING UNIT	Five Rivers BB30-21 Spacing Unit.pdf
400093119	EXCEPTION LOC REQUEST	Five Rivers BB30-21 318Aa Ae Ac Except Rqst.pdf

Total Attach: 7 Files