

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:

400014043

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: LINDA PAVELKA Phone: (303)228-4064 Fax: (303)228-4286
Email: lpavelka@nobleenergyinc.com

7. Well Name: FEDERAL Well Number: 7-43D

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

9. Proposed Total Measured Depth: 7993

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 7 Twp: 8S Rng: 95W Meridian: 6

Latitude: 39.376015 Longitude: -108.037675

Footage at Surface: 1967 FNL/FSL FSL 3018 FEL/FWL FWL

11. Field Name: RULISON Field Number: 75400

12. Ground Elevation: 6502.6 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 07/24/2009 PDOP Reading: 2.3 Instrument Operator's Name: JOHN RICHARDSON

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1519 FSL 657 FEL 1493 FEL/FWL 692 FEL 1493 FSL 692 FEL 1493
Sec: 7 Twp: 8S Rng: 95W Sec: 7 Twp: 8S Rng: 95W

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: 4395 ft

18. Distance to nearest property line: 329 ft 19. Distance to nearest well permitted/completed in the same formation: 328 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.)
ILES	ILES	139-51	40	NESE
WILLIAMS FORK	WMFK	139-45	40	NESE

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC23455

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):
T8S-R95W-SECTION 7: NE/4SE/4

25. Distance to Nearest Mineral Lease Line: 692 ft 26. Total Acres in Lease: 1248

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
CONDUCTOR	20	16	Line Pipe	60	15	60	0
SURF	12+1/4	8+5/8	24	1,500	425	1,500	0
1ST	7+7/8	4+1/2	11.6	7,983	550	7,993	

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

33. Comments The first string cement top will be 200' above TOG. This well is part of the SGV 7K pad. Approved Federal APD and sundry to change location attached.

34. Location ID: 334366

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: LINDA PAVELKA

Title: REGULATORY MANAGER Date: 11/17/2009 Email: lpavelka@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: David S. Neslin Director of COGCC Date: 1/20/2010

API NUMBER

05 045 19037 00

Permit Number: _____ Expiration Date: 1/19/2012

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.

24 HOUR SPUD NOTICE REQUIRED. E-MAIL: david.andrews@state.co.us GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE CEMENT TOP VERIFICATION BY CBL REQUIRED. THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 000 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
400015195	WELL LOCATION PLAT	LF@2188959 400015195
400015196	TOPO MAP	LF@2188961 400015196
400015197	DEVIATED DRILLING PLAN	LF@2188966 400015197
400015217	FED. SUNDRY NOTICE	LF@2188969 400015217
400016176	FED. DRILLING PERMIT	LF@2188970 400016176
400016234	FORM 2 SUBMITTED	LF@2188971 400016234

Total Attach: 6 Files