

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400351440

Date Received:

APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

OIL GAS COALBED OTHER _____
SINGLE ZONE MULTIPLE COMMINGLE

Refiling

Sidetrack

PluggingBond SuretyID

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: Liz Lindow Phone: (303)228-4342 Fax: (303)228-4288

Email: llindow@nobleenergyinc.com

7. Well Name: Rulison Federal Well Number: 20-21B (17M)

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

9. Proposed Total Measured Depth: 10279

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 17 Twp: 7S Rng: 94W Meridian: 6

Latitude: 39.433337 Longitude: -107.917756

Footage at Surface: 583 feet FNL/FSL FSL 485 feet FEL/FWL FWL

11. Field Name: Rulison Field Number: 75400

12. Ground Elevation: 7561.5 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 06/18/2012 PDOP Reading: 1.6 Instrument Operator's Name: Ronald R. Rennke

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

Footage at Top of Prod Zone: FNL/FSL 445 FNL 2004 FWL 445 FNL 2004 FWL
Bottom Hole: FNL/FSL 445 FNL 2004 FWL
Sec: 20 Twp: 7S Rng: 94W Sec: 20 Twp: 7S Rng: 94W

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: 6494 ft

18. Distance to nearest property line: 485 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 322 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	139-73	40	NENW
Williams Fork	WMFK	139-73	40	NENW

21. Mineral Ownership: Fee State Federal Indian Lease #: COC66921

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):

See Oil & Gas Lease attachment (previously submitted)

25. Distance to Nearest Mineral Lease Line: 445 ft 26. Total Acres in Lease: 723

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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? Yes No

31. Mud disposal: Offsite Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	20	16	Line Pipe	0	100	16	100	0
SURF	12+1/4	8+5/8	32#	0	1,500	545	1,500	0
1ST	7+7/8	4+1/2	11.6#	0	10,279	450	10,279	

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

33. Comments The Production Casing Top of Cement will be 200 feet above Top of Gas. All conditions are the same as prior approved permit. This well is part of the RULISON 17M Pad. The pad has been built. This re-file will not require any expansion/additional surface disturbance of the pad. The pad is located in Project Rulison 3-Mile Radius Tier II. DOE was notified 1/30/2009. A closed loop pitless system will be used. This location does not require a variance from any of the rules listed in COGCC Rule 306.d.(1)(A)(ii). This pad is not in a wildlife Restricted Surface Occupancy area. This location is in a Sensitive Wildlife Habitat however, a Wildlife Mitigation Plan was executed with the CDOW on 5/24/2010 that specifically covers this pad and is valid for six years. SUA was attached to original permit.

34. Location ID: 414152

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: Liz Lindow

Title: Regulatory Analyst Date: _____ Email: llindow@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

05 045 18786 00

Permit Number: _____ Expiration Date: _____

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.

Data retrieval failed for the subreport 'IntPolicy_NTC' located at: W:\data\pub\Net\Reports\policy_ntr.rdl. Please check the

Attachment Check List

Att Doc Num	Name
400353227	WELL LOCATION PLAT
400353285	30 DAY NOTICE LETTER
400353338	H2S CONTINGENCY PLAN

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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Total: 0 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
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Total: 0 comment(s)