

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:
400084118
Plugging Bond Surety

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: Tania McNutt Phone: (303)228-4392 Fax: (303)228-4286
 Email: tmcnutt@nobleenergyinc.com
 7. Well Name: Rulison Federal Well Number: 20-21A (17M)
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 10534

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 17 Twp: 7S Rng: 94W Meridian: 6
 Latitude: 39.433358 Longitude: -107.917756
 Footage at Surface: _____ FNL/FSL _____ FEL/FWL _____
590 FSL 486 FWL
 11. Field Name: Rulison Field Number: 75400
 12. Ground Elevation: 7559.1 13. County: GARFIELD

14. GPS Data:
Date of Measurement: 06/23/2008 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 _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____
123 FNL 2007 FWL 123 FNL 2007 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: 486 ft 19. Distance to nearest well permitted/completed in the same formation: 299 ft

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 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):
See attached

25. Distance to Nearest Mineral Lease Line: 123 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 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
CONDUCTOR	20	16	Line Pipe	100	16	100	0
SURF	12+1/4	8+5/8	32	1,500	545	1,500	0
1ST	7+7/8	4+1/2	11.6	10,534	450	10,534	

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. The surface Casing Setting Depth and Cement Bottom was changed to 1,500 feet as approved by the BLM. 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 1/30/09. A closed loop pitless system will be used for this APD. 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 May 24th, 2010, that specifically covers this pad and it is valid for six years.

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: Tania McNutt

Title: Regulatory Analyst Date: _____ Email: tmcnutt@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 18787 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.

Attachment Check List

Att Doc Num	Name	Doc Description
400084469	30 DAY NOTICE LETTER	30 Day Notice.pdf
400084470	SURFACE AGRMT/SURETY	SUA.pdf
400084471	PLAT	RUL 17M Rulison Federal 20-21A-Plat.pdf
400094145	OIL & GAS LEASE	RUL 17M- Mineral Lease Description.pdf

Total Attach: 4 Files