

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:  
1710870  
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: KATESHIRLEY Phone: (281)876-6105 Fax: (281)876-2503  
Email: KSHIRLEY@NOBLEENERGYINC.COM

7. Well Name: HYRUP Well Number: 11-31A

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

9. Proposed Total Measured Depth: 6265

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 2 Twp: 8S Rng: 96W Meridian: 6  
Latitude: 39.372897 Longitude: -108.073002

Footage at Surface: 337 FNL/FSL FSL 1664 FEL/FWL FEL

11. Field Name: GRAND VALLEY Field Number: 31290

12. Ground Elevation: 5800 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 05/20/2009 PDOP Reading: 2.2 Instrument Operator's Name: R. RENNKE

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

Footage at Top of Prod Zone: FNL/FSL FNL FSL FEL/FWL FNL/FSL FNL/FWL  
276 FNL 2324 FEL 276 FNL 2327 FEL  
Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_ Sec: 11 Twp: 8S Rng: 96W

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: 1511

18. Distance to nearest property line: 995 19. Distance to nearest well permitted/completed in the same formation: 310

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	NWNE
WILLIAMS FORK	WMFK	139-45	40	NWNE

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):  
SEE ATTACHED

25. Distance to Nearest Mineral Lease Line: 359 26. Total Acres in Lease: 1420

**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		60		60	0
SURF	12+1/4	8+5/8	24	1,500	550	1,500	0
1ST	7+7/8	4+1/2	11.6	6,265	450	6,265	

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

33. Comments THE PAD IS BUILT AND NOBLE HAS ALREADY DRILLED SIX WELLS ON THIS PAD. THIS APPLICATION REMAINS THE SAME AS PRIOR PERMITS.

34. Location ID: 334103

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: Y Print Name: KATE SHIRLEY

Title: REG SPEC Date: 6/4/2009 Email: KSHIRLEY@NOBLEENERGYI

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. Nesline Director of COGCC Date: 9/12/2009

API NUMBER: **05 045 14059 00** Permit Number: 20092626 Expiration Date: 9/11/2010

**CONDITIONS OF APPROVAL, IF ANY:**

### Condition of Approval

Comment	User Name	Comment Date
Agency  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 MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910 -1. 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 340 FEET DEEP.		08/25/2009

### Attachment Check List

Att Doc Num	Name	Doc Description	Op. Check	File Size
1408936	TOPO MAP	LF@2062865 1408936	Y	
1710870	APD APPROVED	1710870.pdf	Y	
1710871	WELL LOCATION PLAT	LF@2062800 1710871	Y	
1710872	TOPO MAP	LF@2062868 1710872	Y	
1710873	30 DAY NOTICE LETTER	LF@2062801 1710873	Y	
400005089	APD ORIG & 1 COPY	LF@2062799 400005089	Y	

Total Attach: 6 Files