

FORM  
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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:  
1904969  
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: MARICLARK Phone: (281)876-6105 Fax: (281)876-2503  
Email: MCLARK@NOBLEENERGYINC.COM

7. Well Name: 70 RANCH USX BB Well Number: 09-99HZ

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

9. Proposed Total Measured Depth: 10782

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 9 Twp: 5N Rng: 63W Meridian: 6  
Latitude: 40.420630 Longitude: -104.448400

Footage at Surface: 309 FNL/FSL FNL 806 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4744 13. County: WELD

14. GPS Data:

Date of Measurement: 05/04/2009 PDOP Reading: 1.2 Instrument Operator's Name: STEVEN A. LUND

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

Footage at Top of Prod Zone: FNL/FSL FSL/FWL Bottom Hole: FNL/FSL FSL/FWL  
850 FNL 1380 FWL 2020 FSL 1220 FEL  
Sec: 9 Twp: 5N Rng: 63W Sec: 9 Twp: 5N Rng: 63W

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: 400

18. Distance to nearest property line: 309 19. Distance to nearest well permitted/completed in the same formation: 561

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.)
NIOBRARA	NBRR	407-87	640	ALL

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#: 20030012

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, SEC. 9: ALL

25. Distance to Nearest Mineral Lease Line: 850 26. Total Acres in Lease: 640

### 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
SURF	12+1/4	9+5/8	36	500	200	500	0
1ST	8+3/4	7	26	6,850	625	6,850	
2ND	6+1/8	4+1/2	11.6	10,782			

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PRODUCTION LINER WILL BE HUNG OFF INSIDE 7" CSG. THIS WELL IS PART OF A PILOT PROGRAM. EXCEPTION LOCATION 318AE. TWINNING WAIVERS ATTACHED.

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: Y Print Name: MARI CLARK

Title: REGULATORY ANALYST II Date: 6/15/2009 Email: MCLARK@NOBLEENERGYIN

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. Nash Director of COGCC Date: 9/29/2009

**API NUMBER**  
05 123 30639 00

Permit Number: 20092711 Expiration Date: 9/28/2010

**CONDITIONS OF APPROVAL, IF ANY:**

## Condition of Approval

Comment

Agency

1) PROVIDE 24 HR NOTICE OF SPUD TO ED BINKLEY AT 970-506-9834 OR E-MAIL AT ED.BINKLEY@STATE.CO.US . 2) SET SURFACE CASING TO 500' MINIMUM, PER RULE 317D, CEMENT TO SURFACE. SETTING SURFACE CASING LESS THAN THE APPROVED DEPTH IS A PERMIT VIOLATION UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE COGCC. 3) PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200' ABOVE NIOBRARA. VERIFY ALL PLACED CEMENT WITH CEMENT BOND LOG AND CEMENTING TICKETS FOR BOTH THE PRODUCTION LINER AND INTERMEDIATE CASING. 4) COMPLY WITH RULE 321. RUN AND SUBMIT DIRECTIONAL SURVEY FROM TD TO BASE OF SURFACE CASING. ENSURE THAT THE WELLBORE COMPLIES WITH SETBACK REQUIREMENTS IN COMMISSION ORDERS OR RULES PRIOR TO PRODUCING THE WELL.

Exception location granted, surface owner waiver attached.

### Attachment Check List

Att Doc Num	Name	Doc Description
1904969	APD ORIG & 1 COPY	LF@2086854 1904969
1904970	WELL LOCATION PLAT	LF@2086855 1904970
1904971	30 DAY NOTICE LETTER	LF@2086857 1904971
1904972	DEVIATED DRILLING PLAN	LF@2095905 1904972
1904974	EXCEPTION LOC REQUEST	LF@2086860 1904974
1904975	EXCEPTION LOC REQUEST	LF@2086865 1904975
1904976	EXCEPTION LOC WAIVERS	LF@2086872 1904976

Total Attach: 7 Files