

**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



DE	ET	OE	ES
----	----	----	----

Document Number:  
400085142  
Plugging Bond Surety  
20030009

**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: JAN KAJIWARA Phone: (303)228-4092 Fax: (303)228-4286  
Email: jkaiwara@nobleenergyinc.com  
7. Well Name: FRANK PC H Well Number: 22-20D  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 7692

**WELL LOCATION INFORMATION**

10. QtrQtr: SESW Sec: 22 Twp: 3N Rng: 65W Meridian: 6  
Latitude: 40.206670 Longitude: -104.650640  
Footage at Surface: 1097 FNL/FSL FSL 2417 FEL/FWL FWL  
11. Field Name: WATTENBERG Field Number: 90750  
12. Ground Elevation: 4808 13. County: WELD

14. GPS Data:  
Date of Measurement: 06/22/2010 PDOP Reading: 1.2 Instrument Operator's Name: BRIAN BRINKMAN

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**  
Footage at Top of Prod Zone: FNL/FSL 2550 FSL 1240 FWL 2550 FSL 1240 FWL  
Bottom Hole: FNL/FSL 2550 FSL 1240 FWL 2550 FSL 1240 FWL  
Sec: 22 Twp: 3N Rng: 65W Sec: 22 Twp: 3N Rng: 65W

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: 545 ft  
18. Distance to nearest property line: 170 ft 19. Distance to nearest well permitted/completed in the same formation: 825 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.)
CODELL	CODL	407-87	160	S/2NW/4,N/2SW/4
NIOBRARA	NBRR	407-87	160	S/2NW/4,N/2SW/4

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):  
T3N-R65W Sec. 22: W/2

25. Distance to Nearest Mineral Lease Line: 1240 ft 26. Total Acres in Lease: 320

### 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
SURF	12+1/4	8+5/8	24	650	230	650	0
1ST	7+7/8	4+1/2	11.6	7,692	723	7,692	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. 1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA. WELL IS TO BE TWINNED WITH PROPOSED MOSER PC H22-24 & MOSER PC H22-21D.

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: \_\_\_\_\_ Print Name: JAN KAJIWARA

Title: REGULATORY ANALYST Date: \_\_\_\_\_ Email: jkajiwara@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: \_\_\_\_\_

<b>API NUMBER</b>	Permit Number: _____	Expiration Date: _____
05	<b>CONDITIONS OF APPROVAL, IF ANY:</b> _____	

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
400103214	30 DAY NOTICE LETTER	ADVANCE NOTICE.pdf
400103215	DEVIATED DRILLING PLAN	DIRECTIONAL.pdf
400103216	WELL LOCATION PLAT	LOCATION PLAT.pdf
400103217	EXCEPTION LOC REQUEST	REQUEST.pdf
400103220	EXCEPTION LOC WAIVERS	WAIVER.pdf
400103226	PROPOSED SPACING UNIT	SPACING UNIT.pdf

Total Attach: 6 Files