

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
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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:

400116710

Plugging Bond Surety

20030009

3. Name of Operator: <u>NOBLE ENERGY INC</u>	4. COGCC Operator Number: <u>100322</u>
5. Address: <u>1625 BROADWAY STE 2200</u>	
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	
6. Contact Name: <u>JAN KAJIWARA</u> Phone: <u>(303)228-4092</u> Fax: <u>(303)228-4286</u>	
Email: <u>jkajiwara@nobleenergyinc.com</u>	
7. Well Name: <u>DF RANCH PC GK</u>	Well Number: <u>18-65HN</u>
8. Unit Name (if appl): _____	Unit Number: _____
9. Proposed Total Measured Depth: <u>11240</u>	

WELL LOCATION INFORMATION

10. QtrQtr: Lot 2 Sec: 18 Twp: 11N Rng: 61W Meridian: 6
 Latitude: 40.923870 Longitude: -104.257740

Footage at Surface: <u>1962</u> feet	FNL/FSL <u>FNL</u>	<u>417</u> feet	FEL/FWL <u>FWL</u>
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11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5164 13. County: WELD

14. GPS Data:
 Date of Measurement: 10/25/2010 PDOP Reading: 2.1 Instrument Operator's Name: DAVID C HOLMES

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
<u>2497</u>	<u>FNL</u>	<u>988</u>	<u>2500</u>	<u>FNL</u>	<u>600</u>
		<u>FWL</u>			<u>FEL</u>
Sec: <u>18</u>	Twp: <u>11N</u>	Rng: <u>61W</u>	Sec: <u>18</u>	Twp: <u>11N</u>	Rng: <u>61W</u>

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: 5280 ft

18. Distance to nearest property line: 252 19. Distance to nearest well permitted/completed in the same formation: 1817 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.)
NIOBRARA	NBRR	unspaced	640	All

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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: 600 ft 26. Total Acres in Lease: 8140

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: _____

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	18+1/2	16+0/0		0	100	6	100	
SURF	12+1/4	9+5/8	36	0	1,400	440	1,400	0
1ST	8+3/4	7+0/0	26	0	7,370	696	7,370	
2ND	6+1/8	4+1/2	11.6	6158	11,240			

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

33. Comments THE PRODUCTION LINER WILL BE HUNG OFF INSIDE OF 7" CASING.

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: 2/23/2011 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: David S. Neslin Director of COGCC Date: 3/22/2011

API NUMBER: **05 123 33183 00** Permit Number: _____ Expiration Date: 3/21/2013

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.

The Noble land department says once the well is a producer, then they will execute a Communitization Agreement to pool. per J. Kajiwara. BLM is OK with that. per Hank Szymanski

- 1) Provide 24 hr notice of MIRU to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us.
- 2) Set surface casing 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) If completed, provide cement coverage from the intermediate casing shoe to a minimum of 200' above Niobrara. Verify cement with a cement bond log.
- 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.

Attachment Check List

Att Doc Num	Name
1726400	SURFACE CASING CHECK
2530252	PLAT
400116710	FORM 2 SUBMITTED
400116769	30 DAY NOTICE LETTER
400116770	WELL LOCATION PLAT
400136106	LEGAL/LEASE DESCRIPTION
400136108	DEVIATED DRILLING PLAN
400136134	PROPOSED SPACING UNIT

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator verifies that all caps were found and location is correct.	3/3/2011 1:59:42 PM
Permit	On hold-the well location appears to be less than 417 feet from the lease line.	2/28/2011 5:52:07 AM
Permit	In a unspaced area you need to have a pooling agreement if more than one lease is present in this 640. I'm showing a federal lease in the SESE of the section.	2/28/2011 5:45:16 AM
Permit	Opr corrected. sf	2/24/2011 3:35:00 PM
Permit	Back to draft for Qtr/Qtr correction and is well directional or horizontal. sf	2/24/2011 1:03:43 PM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)