


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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table>	DE	ET	OE	ES
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APPLICATION FOR PERMIT TO:			Document Number: 400122987 Plugging Bond Surety 20030009				
1. <input checked="" type="checkbox"/> Drill, <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input checked="" type="checkbox"/> Sidetrack <input type="checkbox"/>					
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>SUSAN MILLER</u> Phone: <u>(303)228-4246</u> Fax: <u>(303)228-4286</u> Email: <u>smiller@nobleenergyinc.com</u>							
7. Well Name: <u>WILLIAMS</u>		Well Number: <u>F15-22D</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>7233</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>SENE</u> Sec: <u>15</u> Twp: <u>5N</u> Rng: <u>65W</u> Meridian: <u>6</u> Latitude: <u>40.399830</u> Longitude: <u>-104.640880</u>							
Footage at Surface: <u>2465</u> feet FNL/FSL <u>FNL</u> <u>253</u> feet FEL/FWL <u>FEL</u>							
11. Field Name: <u>Wattenberg</u>		Field Number: <u>90750</u>					
12. Ground Elevation: <u>4621</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>06/30/2010</u> PDOP Reading: <u>2.0</u> Instrument Operator's Name: <u>David C. Holmes</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan. Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL <u>2550</u> <u>FNL</u> <u>1230</u> <u>FEL</u> <u>2550</u> <u>FNL</u> <u>1230</u> <u>FEL</u> Sec: <u>15</u> Twp: <u>5N</u> Rng: <u>65W</u> Sec: <u>15</u> Twp: <u>5N</u> Rng: <u>65W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>178 ft</u>							
18. Distance to nearest property line: <u>196 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>643 ft</u>							
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.)			
Codell	CODL	407-87	160	GWA			
Niobrara	NBRR	407-87	160	GWA			

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):
Please see attached oil & gas mineral lease. Unit Configuration: N/2SE/4, S/2NE/4.

25. Distance to Nearest Mineral Lease Line: _____ 197 ft _____ 26. Total Acres in Lease: _____ 39 _____

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

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	600	308	600	0
1ST	7+7/8	4+1/2	11.6	0	7,233	656	7,233	

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

33. Comments Conductor casing will not be used. First string top of cement will be 200' above the Niobrara formation. This is part of a 2-well, multi-well pad which includes: proposed Williams F15-17D and F15-22D. Form 2A, doc. no. 400122841 filed under Williams F15-17D. Noble requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Waiver attached

34. Location ID: 413991

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: SUSAN MILLER

Title: Regulatory Analyst II Date: 3/10/2011 Email: smiller@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: 3/31/2011

Permit Number: _____ Expiration Date: 3/30/2013

API NUMBER

05 123 30557 00

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.

- 1) Provide 24 hour notice of MIRU to Bo Brown at 970-330-6085 or e-mail at bo.brown@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) 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.

Derrick height (ground to crown) cannot exceed 119 feet due to close proximity to PUBLIC ROAD.

Attachment Check List

Att Doc Num	Name
2530344	LEASE MAP
400122987	FORM 2 SUBMITTED
400122989	30 DAY NOTICE LETTER
400122993	EXCEPTION LOC WAIVERS
400132299	WELL LOCATION PLAT
400132300	DEVIATED DRILLING PLAN
400132303	PROPOSED SPACING UNIT
400132304	PROPOSED SPACING UNIT
400132305	EXCEPTION LOC REQUEST
400141328	OIL & GAS LEASE
400141333	OTHER

Total Attach: 11 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Updated with lease map	3/23/2011 9:52:12 AM
Permit	Added facility number from previous filing.	3/11/2011 6:12:42 AM
Permit	On hold need a lease map	3/11/2011 6:01:33 AM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)