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|---|--|---|--|--------------------------------------|----|----|----|
| 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 |
| DE | ET | OE | ES | | | | |
| APPLICATION FOR PERMIT TO: | | | Document Number: <div style="text-align: center;">400126112</div> Plugging Bond Surety <div style="text-align: center;">20030009</div> | | | | |
| 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 checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/> | | Refiling <input 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>GUTTERSEN</u> | | Well Number: <u>D02-75HN</u> | | | | | |
| 8. Unit Name (if appl): _____ | | Unit Number: _____ | | | | | |
| 9. Proposed Total Measured Depth: <u>10743</u> | | | | | | | |
| WELL LOCATION INFORMATION | | | | | | | |
| 10. QtrQtr: <u>SWSE</u> Sec: <u>2</u> Twp: <u>3N</u> Rng: <u>64W</u> Meridian: <u>6</u> Latitude: <u>40.247630</u> Longitude: <u>-104.518130</u> | | | | | | | |
| Footage at Surface: <u>175</u> feet FNL/FSL <u>FSL</u> 2565 feet FEL/FWL <u>FEL</u> | | | | | | | |
| 11. Field Name: <u>Wattenberg</u> | | Field Number: <u>90750</u> | | | | | |
| 12. Ground Elevation: <u>4709</u> | | 13. County: <u>WELD</u> | | | | | |
| 14. GPS Data: Date of Measurement: <u>11/18/2010</u> PDOP Reading: <u>2.2</u> Instrument Operator's Name: <u>David C. Holmes</u> | | | | | | | |
| 15. If well is <input type="checkbox"/> Directional <input checked="" type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan. Footage at Top of Prod Zone: FNL/FSL <u>1039</u> FEL/FWL <u>FSL</u> 2562 FEL <u>FEL</u> Bottom Hole: FNL/FSL <u>535</u> FEL/FWL <u>FNL</u> 2555 FEL <u>FEL</u> Sec: <u>2</u> Twp: <u>3N</u> Rng: <u>64W</u> Sec: <u>2</u> Twp: <u>3N</u> Rng: <u>64W</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>598</u> ft | | | | | | | |
| 18. Distance to nearest property line: <u>175</u> ft 19. Distance to nearest well permitted/completed in the same formation: <u>640</u> 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 | 407-87 | 320 | 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):
Noble Energy Inc certifies that the leases shall be committed to the unit. Please see attached mineral lease map. Unit Configuration: W/2E/2, E/2W/2.

25. Distance to Nearest Mineral Lease Line: 535 ft 26. Total Acres in Lease: 5375

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: 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 | 13+3/4 | 9+5/8 | 36 | 0 | 650 | 212 | 650 | 0 |
| 1ST | 8+3/4 | 7 | 26 | 0 | 7,075 | 760 | 7,075 | |
| 1ST LINER | 6+1/8 | 4+1/2 | 11.6 | 5685 | 10,743 | | | |

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

33. Comments First string top of cement will be 200' above the Niobrara formation. The production liner will be hung off inside of the 7" casing. This is part of a 3-well, multi-well pad which includes: proposed Guttersten D02-75HN, Tania D11-27D, Tania D11-28. Form 2A filed under Guttersten D02-75HN doc. no. 400126132. 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: _____

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: 3/17/2011 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. Nesline Director of COGCC Date: 4/11/2011

Permit Number: _____ Expiration Date: 4/10/2013

API NUMBER

05 123 33326 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 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 |
|-------------|------------------------|
| 1726425 | SURFACE CASING CHECK |
| 400126112 | FORM 2 SUBMITTED |
| 400126130 | 30 DAY NOTICE LETTER |
| 400126131 | EXCEPTION LOC WAIVERS |
| 400130176 | WELL LOCATION PLAT |
| 400130177 | DEVIATED DRILLING PLAN |
| 400130179 | EXCEPTION LOC REQUEST |
| 400130180 | PROPOSED SPACING UNIT |
| 400143730 | MINERAL LEASE MAP |
| 400143732 | PROPOSED SPACING UNIT |
| 400143757 | PROPOSED SPACING UNIT |

Total Attach: 11 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|---|----------------------------|
| Permit | ----Changed distance #19 to HSR-BOOTH #7-2; 123-19158-- 1531' to 640' East of Horizontal wellbore | 3/21/2011 10:29:52 AM |
| Permit | Noble certifies that the two leases will or shall be committed to the unit. | 3/21/2011 6:41:35 AM |

Total: 2 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--------------------|-----------------------|
| | |

Total: 0 comment(s)