

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):

T1N R46W: Section 11 - S/2, NW/4; Section 14 - NE/4

25. Distance to Nearest Mineral Lease Line: 1175 ft 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 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: evap and burial

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 | 9+7/8 | 7 | 17 | 0 | 480 | 170 | 480 | 0 |
| 1ST | 6+1/4 | 4+1/2 | 9.5 | 0 | 2,800 | 125 | 2,800 | 0 |

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

33. Comments No conductor casing will be used. Operator requests an exception location to rule 318a - well will be closer than 1200' to the Unger 14-11. Waiver from mineral owner and letter to director are 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: Liz Lindow

Title: Regulatory Analyst Date: 9/19/2011 Email: llindow@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. Nashine Director of COGCC Date: 10/23/2011

| |
|-------------------|
| API NUMBER |
| 05 125 12022 00 |

Permit Number: _____ Expiration Date: 10/22/2013

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.

- 1) Provide 24 hr notice of spud to Colby Horton at 970-467-2517 or e-mail at colby.horton@state.co.us.
- 2) Set surface casing at least 50' into Pierre Shale for aquifer coverage, (480' minimum - as proposed).
- 3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) If dry hole, set 35 sks cement 50' above Niobrara top, 35 sks cement ½ out, ½ in surface casing, 10 sks cement at top of surface casing, cut casing 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole.

Attachment Check List

| Att Doc Num | Name |
|-------------|-----------------------|
| 1698730 | EXCEPTION LOC REQUEST |
| 1698731 | EXCEPTION LOC WAIVERS |
| 2507222 | SURFACE CASING CHECK |
| 400196526 | FORM 2 SUBMITTED |
| 400196547 | 30 DAY NOTICE LETTER |
| 400196548 | PLAT |
| 400196549 | SURFACE AGRMT/SURETY |
| 400206642 | EXCEPTION LOC REQUEST |
| 400206643 | EXCEPTION LOC WAIVERS |
| 400206644 | EXCEPTION LOC WAIVERS |

Total Attach: 10 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|--------------------------|
| Permit | Exception Location waivers to Rule 318.a were granted to Noble Energy on October 21, 2011 for the Unger 13-11, 14-11, 23-11 and 24-11, all in Section 11, T1N, R46W, Yuma County. These locations are spaced less than 1,200 feet apart to maximize recovery. Signed waivers were received from both mineral owners. Final review passed 10/21/2011 NKP | 10/21/2011 1:14:43 PM |
| Permit | L. Lindow 10/20/2011 verified lease acreage. | 10/21/2011 1:14:10 PM |
| Permit | Exception location requested by opr because planned depth is greater than 2500 ft, and location is less than 1200 feet from two wells, Unger 14-11 and Unger 23-11. Q. to operator about number of acres in lease. 10/19/2011 NKP | 10/19/2011 4:03:22 PM |

Total: 3 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--|--|
| Material Handling and Spill Prevention | Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with Oil & Gas operations throughout the state of Colorado in accordance with CFR 112. |
| Storm Water/Erosion Control | Minimize disturbance of the vegetative cover while constructing and operating the location and to aid soil stabilization and revegetation of the disturbed area during interim reclamation. Cut and fill slopes should be minimized to the greatest extent practicable. The BMPs may include, but shall not be limited to, the use of mulches and/or tackifiers, erosion control mats and/or blankets, appropriate seed mixes and/or soil amendments and any other practices necessary to prevent soil erosion by wind and stormwater, and to encourage the growth of desirable soil stabilizing vegetation. |
| Storm Water/Erosion Control | Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with Oil & Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE) General Permit No. COR-038637. BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation. |
| General Housekeeping | Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup of trash and discarded materials will be conducted at the end of each work day. Cleanup will consist of patrolling the roadway, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly. |

Total: 4 comment(s)