

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: 461 ft 26. Total Acres in Lease: 2118

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: Evaporation 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	14	0	480	280	480	0
1ST	6+1/4	4+1/2	10.5	0	3,100	350	3,100	0

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

33. Comments 1. Height of ADT Rig #114 is 75'2. Sensitive area due to location in Northern High Plains Designated Groundwater Basin3. No conductor casing will be set4. Railroad is located more than 5280' away (about 9.4 miles south of location - Burlington Northern Santa Fe)5. Nearest surface water is located more than 5280' away (about 6.8 miles southeast of location - Stalker Lake)

34. Location ID: 311083

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: Sherri Wilson

Title: GIS Analyst Date: 11/15/2011 Email: swilson@rosewd.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: 12/16/2011

API NUMBER
05 125 11476 00

Permit Number: _____ Expiration Date: 12/15/2013

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 Jim Precup at 303-469-1902 or e-mail at james.precup@ state.co.us.
- 2) Set at least 480' of surface casing per Rule 317d due to WW depths. Setting depth must be at least 50' into Pierre Shale and 50' below WW's w/in 1-mile. Cement to surface.
- 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
1698758	EXCEPTION LOC REQUEST
400218538	FORM 2 SUBMITTED
400223923	PLAT
400223924	TOPO MAP
400223925	30 DAY NOTICE LETTER
400223926	OIL & GAS LEASE

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Permit	Final review passed 12/16/2011 NKP	12/16/2011 8:19:05 AM
Permit	Exception location approved allowing encroachment of 16 feet - 284 feet instead of 300 feet from boundary of SW quarter as required by Rule 318.a.(4). No waiver is required as same party owns minerals in both quarters. 12/15/2011 NKP	12/15/2011 7:32:37 PM
Permit	Per S. Wilson 12/15/2011 Please correct distance to nearest permitted well and unit acreage and configuration. Attached is request for exception location.	12/15/2011 7:31:21 PM
Permit	Refile changes proposed depth from 3,000 to 3,100, moves location 615 ft to NE. Email to opr 12/13/2011 Rule 318.a.(4) specifies that wells shall be located at least three hundred (300) feet from the boundary of said quarter section. Based on plat provided, this location is approximately 284 feet from boundary of SW quarter. Please provide exception location waiver request letter or revise location and submit revised survey and attachments. Distance to nearest well (Rosewood Brophy 346 21-10) appears to be 1084 feet, not 1329, based on COGCC data base. Please verify. Unit acreage and configuration are not required in areas under Rule 318B.	12/13/2011 1:47:43 PM

Total: 4 comment(s)

BMP

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

Total: 0 comment(s)