

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



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Document Number:

400218538

PluggingBond SuretyID

19960120

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☒

Sidetrack ☐

3. Name of Operator: ROSEWOOD RESOURCES INC

4. COGCC Operator Number: 75027

5. Address: 2101 CEDAR SPRINGS RD STE 1500

City: DALLAS State: TX Zip: 75201

6. Contact Name: Sherri Wilson Phone: (214)849-9333 Fax: (214)849-9333

Email: swilson@rosewd.com

7. Well Name: Tuell Well Number: 24-03

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 3100

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 3 Twp: 3N Rng: 46W Meridian: 6

Latitude: 40.251730 Longitude: -102.501180

Footage at Surface: 461 feet FNL/FSL 2384 feet FEL/FWL FWL

11. Field Name: Waverly Field Number: 90775

12. Ground Elevation: 3893 13. County: YUMA

14. GPS Data:

Date of Measurement: 08/25/2011 PDOP Reading: 2.3 Instrument Operator's Name: E. Johnson

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 _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 461 ft

18. Distance to nearest property line: 461 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1084 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			

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: 967-0051-01
-A

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 Bond ☐ \$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: 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

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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)