

**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

Document Number:  
400216586

PluggingBond SuretyID  
19960120

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: McConnell      Well Number: 14-05

8. Unit Name (if appl): \_\_\_\_\_      Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 3100

**WELL LOCATION INFORMATION**

10. QtrQtr: SWSW      Sec: 5      Twp: 4N      Rng: 46W      Meridian: 6  
Latitude: 40.339410      Longitude: -102.544910

Footage at Surface: \_\_\_\_\_ feet      FNL/FSL \_\_\_\_\_ feet      FEL/FWL \_\_\_\_\_ feet

11. Field Name: Waverly      Field Number: 90775

12. Ground Elevation: 3899      13. County: YUMA

14. GPS Data:  
Date of Measurement: 08/11/2011      PDOP Reading: 2.5      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: 581 ft

18. Distance to nearest property line: 581 ft      19. Distance to nearest well permitted/completed in the same formation(BHL): 1000 ft

**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	328-5	160	SW

21. Mineral Ownership:       Fee       State       Federal       Indian      Lease #: 967-0044-

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: 1450 ft 26. Total Acres in Lease: 1605

### 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	450	260	450	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 16 miles south of location - Burlington Northern Santa Fe)5. Nearest surface water is located 3696' away (Rock Creek)

34. Location ID: 311059

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: 10/23/2011 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. Nesline Director of COGCC Date: 11/27/2011

API NUMBER
05 125 11452 00

Permit Number: \_\_\_\_\_ Expiration Date: 11/26/2013

#### 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 Craig Quint at 719-767-8939 or e-mail at craig.quint@state.co.us.
- 2) Set at least 450' of surface casing due to WW depths 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
400216586	FORM 2 SUBMITTED
400217175	PLAT
400217176	TOPO MAP
400217179	SURFACE OWNER CONSENT
400217180	30 DAY NOTICE LETTER
400217181	SURFACE AGRMT/SURETY
400217182	OIL & GAS LEASE
400217183	OIL & GAS LEASE
400217184	OIL & GAS LEASE
400217185	OIL & GAS LEASE

Total Attach: 10 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review passed 11/22/2011 NKP	11/22/2011 7:55:10 AM
Permit	Per S. Wilson 11/21/2011: Distance to the nearest mineral lease line should be corrected to 1,450.	11/21/2011 4:31:48 PM
Permit	Proposed new TD is 3100, previously 3000. Mud disposal changed to evaporation and burial per OGLA and opr. Email to opr to verify distance to lease lline. 11/17/2011 NKP	11/17/2011 1:41:35 PM

Total: 3 comment(s)

### BMP

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

Total: 0 comment(s)