


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 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				
<b>APPLICATION FOR PERMIT TO:</b>			Document Number:  400155040  Plugging Bond Surety  19960120				
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" 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>ROSEWOOD RESOURCES INC</u>		4. COGCC Operator Number: <u>75027</u>					
5. Address: <u>2101 CEDAR SPRINGS RD STE 1500</u> City: <u>DALLAS</u> State: <u>TX</u> Zip: <u>75201</u>							
6. Contact Name: <u>Sherri Wilson</u> Phone: <u>(214)849-9333</u> Fax: <u>(214)849-9333</u> Email: <u>swilson@rosewd.com</u>							
7. Well Name: <u>D&amp;S</u>		Well Number: <u>43-22</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>3100</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>NESE</u> Sec: <u>22</u> Twp: <u>4N</u> Rng: <u>46W</u> Meridian: <u>6</u> Latitude: <u>40.299090</u> Longitude: <u>-102.491790</u>							
Footage at Surface: <u>2026</u> feet      FNL/FSL <u>FSL</u> <u>387</u> feet      FEL/FWL <u>FEL</u>							
11. Field Name: <u>Waverly</u>		Field Number: <u>90775</u>					
12. Ground Elevation: <u>3891</u>		13. County: <u>YUMA</u>					
14. GPS Data: Date of Measurement: <u>04/03/2011</u> PDOP Reading: <u>1.7</u> Instrument Operator's Name: <u>E. Johnson</u>							
15. If well is <input type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> 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)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>1320 ft</u>							
18. Distance to nearest property line: <u>387 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>1250 ft</u>							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)			
Niobrara	NBRR	350-3	160	SE			

**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):  
see attached

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 387 ft 26. Total Acres in Lease: \_\_\_\_\_ 320

**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: \_\_\_\_\_

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	380	220	380	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 Basin 3. No conductor casing will be set 4. Railroad is located more than 5280' away (about 12.7 miles south of location - Burlington Northern Santa Fe) 5. Nearest surface water is located more than 5280' away (about 2.7 miles northwest of location - Rock Creek River) 6. Reference area is located adjacent to and on undisturbed ground west of the proposed well location as depicted on the reference map. Location photos are reference area photos.

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: Sherri Wilson

Title: GIS Analyst Date: 4/25/2011 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: 5/25/2011

Permit Number: \_\_\_\_\_ Expiration Date: 5/24/2013

**API NUMBER**

05 125 11975 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 spud to Colby Horton at 970-867-2517 or e-mail at colby.horton@state.co.us.
- 2) Note increased surface casing depth. Set at least 380' of surface casing per Rule 317d due to WW depths. Setting depth must also be at least 50' into Pierre Shale. 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
2112792	SURFACE CASING CHECK
400155040	FORM 2 SUBMITTED
400155069	PLAT
400155070	TOPO MAP
400155072	SURFACE AGRMT/SURETY
400155074	SURFACE OWNER CONSENT
400157032	30 DAY NOTICE LETTER
400157034	LEGAL/LEASE DESCRIPTION

Total Attach: 8 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Changed line 17: distance to nearest building, road, railroad or utility from 2050' (building) to 1320' (utility) per opr.	5/25/2011 9:40:36 AM
Permit	Requesting change to line 17: distance to nearest building, road, railroad or utility from 2050' (building) to 1320' (utility).	5/25/2011 9:13:00 AM

Total: 2 comment(s)

**BMP**

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

Total: 0 comment(s)