

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



DE ET OE ES

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:

400218191

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: Probasco Well Number: 33-10

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

9. Proposed Total Measured Depth: 3100

WELL LOCATION INFORMATION

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

Latitude: 40.241980 Longitude: -102.498580

Footage at Surface: 2204 feet FNL/FSL 2292 feet FEL/FWL  
FSL FEL

11. Field Name: Buckboard Field Number: 7680

12. Ground Elevation: 3898 13. County: YUMA

14. GPS Data:

Date of Measurement: 08/25/2011 PDOP Reading: 1.6 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: 1300 ft

18. Distance to nearest property line: 348 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1256 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	331-6	160	SE

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: 968-0006-01  
-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: 348 ft

26. Total Acres in Lease: 480

### 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 8.5 miles south of location - Burlington Northern Santa Fe)5. Nearest surface water is located more than 5280' away (about 5.9 miles northwest of location - Rock Creek)

34. Location ID: 338294

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: 10/31/2011

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: 12/4/2011

#### API NUMBER

05 125 11182 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/3/2013

#### 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 450' 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
400218191	FORM 2 SUBMITTED
400219576	PLAT
400219577	TOPO MAP
400219581	SURFACE AGRMT/SURETY
400219582	OIL & GAS LEASE
400219583	30 DAY NOTICE LETTER
400219862	SURFACE OWNER CONSENT

Total Attach: 7 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final review passed 12/2/2011 NKP	12/2/2011 11:59:10 AM
Permit	Off Hold - Per S. Wilson verified that spacing order should be 331-6. 11/30/11	11/30/2011 12:14:28 PM
Permit	Refile changes proposed TD from 3000 to 3100, moves location 145 ft. to NW. Mud disposal changed to evaporation and burial per OGLA and opr. On Hold re Email to opr to verify that spacing order is 331-6, not 328-5. 11/30/2011 NKP	11/30/2011 8:48:13 AM
Permit	Operator reattached Surface owner consent. Form has passed completeness.	11/1/2011 9:58:53 AM
Permit	Returned to draft. Surface owner consent attachment will not open.	11/1/2011 9:28:52 AM

Total: 5 comment(s)

### **BMP**

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

Total: 0 comment(s)