

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

Document Number:  
2584943  
Plugging Bond Surety

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL  GAS  COALBED  OTHER \_\_\_\_\_  
SINGLE ZONE  MULTIPLE ZONE  COMMINGLE ZONE

Refiling   
Sidetrack

3. Name of Operator: RED WILLOW PRODUCTION COMPANY 4. COGCC Operator Number: 81295

5. Address: P O BOX 369  
City: IGNACIO State: CO Zip: 81137

6. Contact Name: JAMES D MARS Phone: (970)563-5100 Fax: (970)563-3681  
Email: DCORKRAN@RWPC.US

7. Well Name: NORTH CARRACAS 32-5 Well Number: 10c-2

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

9. Proposed Total Measured Depth: 8391

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 9 Twp: 32N Rng: 5W Meridian: N  
Latitude: 37.034750 Longitude: -107.392400

Footage at Surface: 1772 feet <sup>FNL/FSL</sup> FNL 1139 feet <sup>FEL/FWL</sup> FEL

11. Field Name: IGNACIO BLANCO Field Number: 38300

12. Ground Elevation: 6160 13. County: ARCHULETA

14. GPS Data:

Date of Measurement: 07/08/2009 PDOP Reading: 3.0 Instrument Operator's Name: SCOTT WEIBE

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: <sup>FNL/FSL</sup> 1700 <sup>FSL</sup> FSL 760 <sup>FWL</sup> FWL <sup>FNL/FSL</sup> 760 <sup>FSL</sup> FSL 760 <sup>FEL</sup> FEL  
Sec: 9 Twp: 32N Rng: 5W Sec: 10 Twp: 32N Rng: 5W

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: 675 ft

18. Distance to nearest property line: 450 ft 19. Distance to nearest well permitted/completed in the same formation: 2900 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.)
FRUITLAND COAL	FRLDC	112-210	640	ALL

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: 750082008

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):  
 TRIBAL: SEE ATTACHED: FEE: SW/4 SEC. 10 T-32-N, R-5-W

25. Distance to Nearest Mineral Lease Line: 760 ft 26. Total Acres in Lease: 12288

**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 27 or 28 are yes, is this location in a sensitive area (Rule 903)?  Yes  No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal:  Offsite  Onsite

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	17+1/2	13+3/8	48	100	107	100	0
SURF	12+1/4	9+5/8	32.3	800	425	800	0
1ST	8+3/4	7	23	4,550	475	4,550	0
2ND	6+1/8	4+1/2	11.6	8,391			

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

33. Comments \_\_\_\_\_

34. Location ID: 419857

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: DENNIS CORKRAN

Title: DRILLING & PRODUCTION MGR Date: 10/25/2010 Email: DCORKRAN@RWPC.US

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: 12/10/2010

<b>API NUMBER</b>
05 007 06301 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/9/2012

**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 48 hour notice of spud to COGCC field inspector Leslie Melton (970) 375-6419 or les.melton@state.co.us

### Attachment Check List

Att Doc Num	Name
2584943	APD ORIGINAL
2584944	WELL LOCATION PLAT
2584945	TOPO MAP
2584946	LEGAL/LEASE DESCRIPTION
2584947	SURFACE AGRMT/SURETY
2584948	DEVIATED DRILLING PLAN
2584949	FED. DRILLING PERMIT
2584950	SURFACE PLAN
2584951	DRILLING PLAN
2584952	ACCESS ROAD MAP
2584953	OTHER

Total Attach: 11 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED- JLV	11/11/2010 12:07:12 PM
Permit	Add distance to nearest mineral lease line per Operator. JLV	11/11/2010 12:06:50 PM
Permit	Emailed Operator request distance to nearest lease line. JLV	11/5/2010 1:49:27 PM

Total: 3 comment(s)

### BMP

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

Total: 0 comment(s)