

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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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

Document Number:  
400069091  
Plugging Bond Surety  
20040083

3. Name of Operator: PIONEER NATURAL RESOURCES USA INC 4. COGCC Operator Number: 10084

5. Address: 1401 17TH ST STE 1200  
City: DENVER State: CO Zip: 80202

6. Contact Name: Georgina Kovacic Phone: (303)675-2611 Fax: (303)294-1251  
Email: georgina.kovacic@pxd.com

7. Well Name: DJEMBE Well Number: 21-12

8. Unit Name (if appl): N/A Unit Number: N/A

9. Proposed Total Measured Depth: 2500

WELL LOCATION INFORMATION

10. QtrQtr: NE/NW Sec: 12 Twp: 33S Rng: 68W Meridian: 6  
Latitude: 37.191190 Longitude: -104.948120

Footage at Surface: 788 FNL/FSL FNL 2203 FEL/FWL FWL

11. Field Name: Purgatoire River Field Number: 70830

12. Ground Elevation: 7717 13. County: LAS ANIMAS

14. GPS Data:

Date of Measurement: 04/19/2010 PDOP Reading: 2.5 Instrument Operator's Name: R. Coberly

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: 330 ft

18. Distance to nearest property line: 788 ft 19. Distance to nearest well permitted/completed in the same formation: 1400 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.)
Raton/Vermejo	RT-VJ	NA		

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. SUA attached to form 2A.

25. Distance to Nearest Mineral Lease Line: 788 ft 26. Total Acres in Lease: 1993

**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: Drilling pit

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	12+3/4	12+3/4	33.38	6			
SURF	11	8+5/8	24	430	90	430	0
1ST	7+7/8	5+1/2	15.5	2,500	370	2,500	0

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

33. Comments The conductor will be hammered in. SUA IS ATTACHED TO FORM 2A. 7/6/10 PLG.

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: Georgina Kovacik

Title: Engineering Tech Date: 6/14/2010 Email: georgina.kovacik@pxd.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: 7/11/2010

**API NUMBER**  
05 071 09814 00

Permit Number: \_\_\_\_\_ Expiration Date: 7/10/2012

**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 MIRU to John Duran at 719-846-4715 or email John.Duran@state.co.us.
- 2) Provide cement coverage of production casing from TD to surface casing shoe or above. Verify coverage with cement bond log.
- 3) Immediately cease operations and notify the COGCC in the event of any operational problem that could potentially impact water wells in the area.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
400069091	FORM 2 SUBMITTED	LF@2490833 400069091
400069102	WELL LOCATION PLAT	LF@2490834 400069102
400069103	30 DAY NOTICE LETTER	LF@2490835 400069103
400069104	30 DAY NOTICE LETTER	LF@2490836 400069104
400069105	CONSULT NOTICE	LF@2490837 400069105
400069106	CONSULT NOTICE	LF@2490838 400069106
400069107	LEGAL/LEASE DESCRIPTION	LF@2490839 400069107

Total Attach: 7 Files