


<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:  400148940  Plugging Bond Surety  20040083				
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 type="checkbox"/> COALBED <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> COMMINGLE ZONE <input checked="" type="checkbox"/>		Refiling <input checked="" type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>PIONEER NATURAL RESOURCES USA INC</u>		4. COGCC Operator Number: <u>10084</u>					
5. Address: <u>1401 17TH ST STE 1200</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>							
6. Contact Name: <u>Georgina Kovacik</u> Phone: <u>(303)675-2611</u> Fax: <u>(303)294-1251</u> Email: <u>georgina.kovacik@pxd.com</u>							
7. Well Name: <u>HIDALGO</u>		Well Number: <u>11-12</u>					
8. Unit Name (if appl): <u>Sangrede Cristo</u>		Unit Number: <u>COC60203A</u>					
9. Proposed Total Measured Depth: <u>3675</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>NW/NW</u> Sec: <u>12</u> Twp: <u>32S</u> Rng: <u>68W</u> Meridian: <u>6</u> Latitude: <u>37.279120</u> Longitude: <u>-104.955750</u>							
Footage at Surface: <u>401</u> feet    FNL/FSL <u>FNL</u> 40 feet    FEL/FWL <u>FWL</u>							
11. Field Name: <u>Purgatoire River</u>		Field Number: <u>70830</u>					
12. Ground Elevation: <u>8291</u>		13. County: <u>LAS ANIMAS</u>					
14. GPS Data: Date of Measurement: <u>04/25/2007</u> PDOP Reading: <u>8.4</u> Instrument Operator's Name: <u>R. Coberly</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>470</u> ft							
18. Distance to nearest property line: <u>92</u> ft    19. Distance to nearest well permitted/completed in the same formation: <u>1480</u> ft							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well				
Raton/Vermejo	RT-VJ	NA	Unit Configuration (N/2, SE/4, etc.)				
			NA				

**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: 2587 ft 26. Total Acres in Lease: 2513

**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: 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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	12+3/4	12+3/4	33.38	0	6			
SURF	11	8+5/8	24	0	720	151	720	0
1ST	7+7/8	5+1/2	15.5	0	3,675	544	3,675	0

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

33. Comments The conductor casing will be hammered in. The location has been built.

34. Location ID: 309379

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: 3/31/2011 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: 5/15/2011

**API NUMBER**

05 071 09460 00

Permit Number: \_\_\_\_\_ Expiration Date: 5/14/2013

**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 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 50' above surface casing shoe. 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
1792162	WELL LOCATION PLAT
2112497	SURFACE CASING CHECK
400148940	FORM 2 SUBMITTED
400148954	LEGAL/LEASE DESCRIPTION
400148955	CONSULT NOTICE
400148957	30 DAY NOTICE LETTER
400148958	SURFACE AGRMT/SURETY
400148959	WELL LOCATION PLAT
400149023	WAIVERS
400149024	WAIVERS

Total Attach: 10 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Agency	Pioneer request for exception location and waiver for 603.a. properly line encroachment are attached.	5/15/2011 9:16:51 AM
Permit	Received corrected well location plat. BY	5/10/2011 2:47:30 PM
Permit	Requested new well location plat to state "no visible improvement within 400'...etc. if appropriate. Emailed to Georgina. Surveyor makes comment that "desired PDOP may not be obtained due to native conditions of site". BY	5/10/2011 7:33:10 AM
Permit	Please note the PDOP is 8.7 on the Well Location Plat.	4/4/2011 3:33:06 PM

Total: 4 comment(s)

### **BMP**

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

Total: 0 comment(s)