


<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:  400147840  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 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>BUCK FEVER</u> Well Number: <u>31-10</u>							
8. Unit Name (if appl): <u>Spanish Peaks</u> Unit Number: <u>COC57890A</u>							
9. Proposed Total Measured Depth: <u>1425</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>NWNE</u> Sec: <u>10</u> Twp: <u>32S</u> Rng: <u>65W</u> Meridian: <u>6</u> Latitude: <u>37.278300</u> Longitude: <u>-104.658160</u>							
Footage at Surface: <u>723</u> feet    FNL/FSL <u>FNL</u> 2151 feet    FEL/FWL <u>FEL</u>							
11. Field Name: <u>Purgatoire River</u> Field Number: <u>70830</u>							
12. Ground Elevation: <u>7166</u> 13. County: <u>LAS ANIMAS</u>							
14. GPS Data: Date of Measurement: <u>08/13/2008</u> PDOP Reading: <u>3.5</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>1340 ft</u>							
18. Distance to nearest property line: <u>723 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>1537 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.)			
Raton/Vermejo	RT-VJ						

**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: 723 ft 26. Total Acres in Lease: 1400

**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	470	100	470	0
1ST	7+7/8	5+1/2	15.5	0	1,425	211	1,425	0

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

33. Comments The conductor casing will be hammered in.

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: 4/1/2011 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 09866 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) Set at least 470' of surface casing per Rule 317e, cement to surface. WW's increasing SC depth are Rcpts #0223906 and #0341328.
- 3) Provide cement coverage of production casing from TD to surface casing shoe or above. Verify coverage with cement bond log.
- 4) 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
1792161	WELL LOCATION PLAT
2112494	SURFACE CASING CHECK
400147840	FORM 2 SUBMITTED
400149941	LEGAL/LEASE DESCRIPTION
400149942	CONSULT NOTICE
400149943	30 DAY NOTICE LETTER
400149944	SURFACE AGRMT/SURETY
400149945	WELL LOCATION PLAT

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Received corrected well location plat. BY	5/10/2011 2:50:50 PM
Permit	Requested new plat to change to "no visible improvements within 200' to 400', if appropriate. BY	5/10/2011 9:37:54 AM
Permit	back to draft Form 2 submitted will not open. sf	4/4/2011 3:26:49 PM

Total: 3 comment(s)

### **BMP**

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

Total: 0 comment(s)