

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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Document Number:

400009079

Plugging Bond Surety

20040083

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: 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 Kovacik Phone: (303)675-2611 Fax: (303)294-1251

Email: georgina.kovacik@pxd.com

7. Well Name: Gus Well Number: 13-18 Tr

8. Unit Name (if appl): Spanish Peaks Unit Number: COC57890A

9. Proposed Total Measured Depth: 1910

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 18 Twp: 32S Rng: 65W Meridian: 6

Latitude: 37.256820 Longitude: -104.720370

Footage at Surface: 2142 FNL/FSL FSL 690 FEL/FWL FWL

11. Field Name: Purgatoire River Field Number: 70830

12. Ground Elevation: 7304 13. County: LAS ANIMAS

14. GPS Data:

Date of Measurement: 07/14/2009 PDOP Reading: 2.4 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: 480 ft

18. Distance to nearest property line: 479 19. Distance to nearest well permitted/completed in the same formation: 1892 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	RTON	NA		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

25. Distance to Nearest Mineral Lease Line: 479 ft 26. Total Acres in Lease: 1445

### 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 ppf	6			
SURF	11	8+5/8	24 ppf	500	105	500	0
S.C. 1.1	7+7/8	5+1/2	15.5 ppf	1,910	283	1,910	0

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

33. Comments Surface exception is required for 420 ft due to the COGCC requiring at surface casing depth of 636 ft. This would leave behind ~18 ft of net Raton or ~30-35% of net Tr Coal. Water well is 3850 ft away to the SW.

34. Location ID: 307475

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: 10/8/2009 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: 12/22/2009

#### API NUMBER

05 071 09779 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/21/2011

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. 2) Set at least 500' of surface casing per Rule 317d, cement to surface. Due to several water well within a 1-mile radius with similar bottom hole elevations completed to depths greater than proposed surface casing setting depth the COGCC staff will only grant a partial exception to the 1-mile radius review for surface casing requirement. Note: 630' of surface casing would be required to cover 50' below TD elevation of all WW's within a 1 mile radius. 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	Doc Description
2109246	SURFACE CASING CHECK	LF@2185860 2109246.00000
400009105	FORM 2 SUBMITTED	LF@2166301 400009105
400009106	WELL LOCATION PLAT	LF@2166302 400009106
400009107	LEGAL/LEASE DESCRIPTION	LF@2166303 400009107
400009108	TOPO MAP	LF@2166304 400009108
400009109	30 DAY NOTICE LETTER	LF@2166305 400009109
400009110	CONST. LAYOUT DRAWINGS	LF@2166306 400009110
400009112	CONSULT NOTICE	LF@2166307 400009112

Total Attach: 8 Files