

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:

400065209

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: DR PROCTOR Well Number: 12-30 TR

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

9. Proposed Total Measured Depth: 1555

WELL LOCATION INFORMATION

10. QtrQtr: SW/NW Sec: 30 Twp: 32S Rng: 65W Meridian: 6

Latitude: 37.229320 Longitude: -104.719150

Footage at Surface: 2608 FNL/FSL FNL 997 FEL/FWL FWL

11. Field Name: Purgatoire River Field Number: 70830

12. Ground Elevation: 7207 13. County: LAS ANIMAS

14. GPS Data:

Date of Measurement: 04/19/2010 PDOP Reading: 8.0 Instrument Operator's Name: R. Coblery

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: 240 ft

18. Distance to nearest property line: 220 ft 19. Distance to nearest well permitted/completed in the same formation: 68 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		

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 Bond ☐ \$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: 30 ft 26. Total Acres in Lease: 326

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	11			
SURF	11	8+5/8	24	640	135	640	0
1ST	7+7/8	5+1/2	15.5	1,555	230	1,555	0

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

33. Comments Surface casing exception required for 450 ft due to the COGCC requiring at surface casing depth of 665 ft. This would leave behind ~15 ft of Net Raton or ~30% of net TR Coal, The nearest water well (receipt 0515130) is 1880 ft away to the NE. The Rig height is 62' measured from the ground to the top of the crown at the top of the derrick per Operator on 7-2-10 JLV- Geological Exception Loc. Request attached 7-7-10 JLV

34. Location ID: 309580

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: 6/3/2010 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: 7/15/2010

API NUMBER

05 071 09816 00

Permit Number: _____ Expiration Date: 7/14/2012

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) Set at least 640' of surface casing per Rule 317d, cement to surface. Due to several water wells within a 1-mile radius with similar bottom hole elevations completed to depths greater than proposed surface casing setting depth the COGCC staff will not grant an exception to the surface casing requirement. Wells are (Receipts #3613984, #0519105, #0500666, #0515130, #3626962).

3) Provide cement coverage of production casing from TD to 50' above surface casing shoe. 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.

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Attachment Check List

Att Doc Num	Name	Doc Description
2554124	SURFACE CASING CHECK	LF@2492967 2554124
2586180	EXCEPTION LOC REQUEST	LF@2502756 2586180
400065209	FORM 2 SUBMITTED	LF@2486071 400065209
400066771	LEGAL/LEASE DESCRIPTION	LF@2486072 400066771
400066773	30 DAY NOTICE LETTER	LF@2486073 400066773
400066774	SURFACE AGRMT/SURETY	LF@2486074 400066774
400066776	UNIT CONFIGURATION MAP	LF@2486075 400066776
400066778	WELL LOCATION PLAT	LF@2486076 400066778

Total Attach: 8 Files