

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



DE	ET	OE	ES
Document Number: 400215322			
PluggingBond SuretyID 20040083			

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☒ OTHER _____
SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☒

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: Judy Glinisty Phone: (303)675-2658 Fax: (303)294-1275
Email: Judy.Glinisty@pxd.com
7. Well Name: Gabriel Well Number: 14-12
8. Unit Name (if appl): N/A Unit Number: N/A
9. Proposed Total Measured Depth: 835

WELL LOCATION INFORMATION

10. QtrQtr: SW/SW Sec: 12 Twp: 34S Rng: 65W Meridian: 6
Latitude: 37.095410 Longitude: -104.629810

Footage at Surface: 1134 feet FNL/FSL 446 feet FEL/FWL
FSL FWL

11. Field Name: Purgatoire River Field Number: 70830
12. Ground Elevation: 6548 13. County: LAS ANIMAS

14. GPS Data:

Date of Measurement: 06/28/2007 PDOP Reading: 2.4 Instrument Operator's Name: Ryan 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: 160 ft

18. Distance to nearest property line: 248 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1512 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	N/A		N/A

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: 1073 ft

26. Total Acres in Lease: 791

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+1/4	13+3/8	33.38	0	6			
SURF	12+1/4	8+5/8	24	0	625	130	625	0
1ST	7+7/8	5+1/2	15.5	0	835	124	835	0

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

33. Comments The conductor casing will be hammered in. Surface casing exception required for 400' due to the COGCC requiring at surface casing depth of 595'. This would leave behind ~20' of net Raton 100% of net Kv coal. Water well is 1048' away and the receipt number is 0382526.

34. Location ID: 386820

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: Judy Glinisty

Title: Sr. Engineering Tech Date: 10/21/2011 Email: Judy.Glinisty@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. Nashin

Director of COGCC Date: 12/12/2011

API NUMBER

05 071 09418 00

Permit Number: _____ Expiration Date: 12/11/2013

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 625' of surface casing per Rule 317d, cement to surface. Due to several water wells within a 1-mile radius (2 of these are within ½ mile) 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 #0386175, 0475990, 0451594, and 0382526).
- 3) Do not perforate above 775' (200' below WW's w/in ¼ mi - Rcpt #0475990).
- 4) Provide cement coverage of production casing from TD to 50' above surface casing shoe. Verify coverage with cement bond log.
- 5) 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
2329373	SURFACE CASING CHECK
400215322	FORM 2 SUBMITTED
400215359	30 DAY NOTICE LETTER
400215375	LEGAL/LEASE DESCRIPTION
400215376	CONSULT NOTICE
400215377	SURFACE AGRMT/SURETY
400216951	WELL LOCATION PLAT

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed. BY	11/25/2011 9:00:54 AM

Total: 1 comment(s)

BMP

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

Total: 0 comment(s)