

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

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Date Received:

01/09/2013

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 INC4. COGCC Operator Number: 100845. Address: 1401 17TH ST STE 1200City: DENVER State: CO Zip: 802026. Contact Name: DeAnne Spector Phone: (303)928-7128 Fax: ()Email: dspector@petro-fs.com7. Well Name: Parker Trust Well Number: 33-22

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 7150

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 22 Twp: 17S Rng: 55W Meridian: 6Latitude: 38.551628Longitude: -103.547725Footage at Surface: 1971 feet FNL/FSL 1880 feet FEL/FWL FEL11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 4832 13. County: LINCOLN

14. GPS Data:

Date of Measurement: 11/12/2012 PDOP Reading: 1.3 Instrument Operator's Name: Ben Hardenbergh15. 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 ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 3281 ft18. Distance to nearest property line: 1988 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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.)
Atoka	ATOK	unspaced		
Cherokee	CHRK	unspaced		
Harrison	HRSN	unspaced		
Marmaton	MRTN	unspaced		
Mississippian	MSSP	unspaced		

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):
T17S, R55W Sec. 14, E/2; Sec. 15: N/2; Sec. 22: All

25. Distance to Nearest Mineral Lease Line: 1880 ft 26. Total Acres in Lease: 1280

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: Reserve 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	16	13+3/8		0	80	30	80	0
SURF	12+1/4	8+5/8	32	0	3,102	2,134	3,102	0
1ST	7+7/8	5+1/2	17	0	7,150	960	7,150	0

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

33. Comments

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: DeAnne Spector

Title: Regulatory Analyst Date: 1/9/2013 Email: dspector@petro-fs.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 1/31/2013

API NUMBER

05 073 06510 00

Permit Number: _____ Expiration Date: 1/30/2015

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 prior to spud via electronic Form 42.
- 2) Ensure coverage of Cheyenne and Dakota and all other aquifers behind surface casing. Use stage cementing and 1" top out as needed to pump cement from surface casing shoe to surface per Rule 317.
- 3) If production casing is set provide cement coverage to at least 200' above the shallowest completed interval. Run and submit CBL to verify cemented intervals.
- 4) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the MSSP, 40 sks cement +/- 50' above the Marmaton, 40 sks cement +/- 50' above any DST w/ show, 50 sks cement from 50' below surface casing shoe up into surface casing, 40 sks cement at 500', 15 sks cement in top 50' of surface casing, cut 4 ft below GL, weld on plate, 5 sks cement each in rat hole and mouse hole.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
2485244	SURFACE CASING CHECK
400364466	FORM 2 SUBMITTED
400367271	WELL LOCATION PLAT
400367278	30 DAY NOTICE LETTER

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Final Review	Remove BMP to line drilling pit, per related Form 2A 400364386.	1/31/2013 11:16:27 AM
Permit	Final review completed; no public comment received.	1/31/2013 10:20:49 AM
Permit	The nearest well producing/permitted/pending permit approval is 11 miles away.	1/29/2013 1:43:48 PM
LGD	County Permit #1308	1/10/2013 11:42:58 AM

Total: 4 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Site Specific	Keep well site location, road and pipeline easement free of noxious weeds, litter and debris. Spray for noxious weeds and implement dust control as needed. Operator will not permit the release or discharge of any toxic or hazardous chemicals or wastes on Owner's Land. Construct and maintain gates where any roads used by operator, its employees or contractors cross through fences on the leased premises.
Construction	Remove only the minimum amount of vegetation necessary for the construction of roads and facilities. Conserve topsoil during excavation and reuse as cover on disturbed areas to facilitate regrowth of vegetation. No construction or routine maintenance activities will be performed during periods when the soil is too wet to adequately support construction equipment.
Interim Reclamation	Utilize only such area around each producing well as is reasonably necessary. Restore the remainder of the well site location to its original condition within a reasonable amount of time after the completion of operations. All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner.
Final Reclamation	All surface restoration shall be accomplished to the satisfaction of the Owner. All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner. Final reclamation shall be completed to the reasonable satisfaction of the Owner as soon as practical after installation (weather permitting) and in accordance with regulatory agency standards (BLM/COGCC).

Total: 4 comment(s)