

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

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:
400125129
Plugging Bond Surety
20090078

3. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION 4. COGCC Operator Number: 69175

5. Address: 1775 SHERMAN STREET - STE 3000
City: DENVER State: CO Zip: 80203

6. Contact Name: Liz Lindow Phone: (303)590-8789 Fax: ()
Email: llindow@petd.com

7. Well Name: Nelson Well Number: 43-32D

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

9. Proposed Total Measured Depth: 7674

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 32 Twp: 7N Rng: 66W Meridian: 6
Latitude: 40.526920 Longitude: -104.797900

Footage at Surface: 1141 feet ^{FNL/FSL} FSL 1109 feet ^{FEL/FWL} FEL

11. Field Name: Eaton Field Number: 19350

12. Ground Elevation: 4860 13. County: WELD

14. GPS Data:

Date of Measurement: 01/05/2011 PDOP Reading: 6.0 Instrument Operator's Name: Thomas Carlson

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: ^{FNL/FSL} 1853 ^{FEL/FWL} FSL 786 FEL Bottom Hole: ^{FNL/FSL} 1853 ^{FEL/FWL} FSL 786 FEL
Sec: 32 Twp: 7N Rng: 66W Sec: 32 Twp: 7N Rng: 66W

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: 80 ft 19. Distance to nearest well permitted/completed in the same formation: 742 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.)
Niobrara Codell	NB-CD	407-87	80	E2SE/4
Sussex Shannon	SX-SN	NA	80	E2SE/4

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):
All of SE/4 and a portion of SW/4 of Sec 32 T7N R66W. See attached mineral lease map.

25. Distance to Nearest Mineral Lease Line: 784 ft 26. Total Acres in Lease: 242

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: Closed loop

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
SURF	12+1/4	8+5/8	24		385	500	385	0
1ST	7+7/8	4+1/2	10.5		7,674	525	7,674	0

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

33. Comments Conductor casing will not be used. The Nelson 43-32D, 32D, 33-32D, 43-32D, and 34-32D will all be drilled from the same pad. The wells be be tied into a tank battery approximately 1072 feet to the south. Petroleum Development Corporation requests approval of a Rule 603a2 exception location: Well head is to be located closer than 150' to the nearest property line. Waiver attached.

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: Liz Lindow

Title: Permit Representative Date: 2/11/2011 Email: llindow@petd.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: _____ Director of COGCC Date: _____

API NUMBER
05

Permit Number: _____ Expiration Date: _____

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.

--

Attachment Check List

Att Doc Num	Name
400125129	FORM 2 SUBMITTED
400125167	TOPO MAP
400125168	WELL LOCATION PLAT
400127765	MINERAL LEASE MAP
400131568	DEVIATED DRILLING PLAN
400131984	30 DAY NOTICE LETTER
400132900	EXCEPTION LOC REQUEST
400132901	EXCEPTION LOC WAIVERS
400132902	EXCEPTION LOC WAIVERS
400132935	SURFACE AGRMT/SURETY

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

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

Total: 0 comment(s)