

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:

400020373

Plugging Bond Surety

20090078

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

5. Address: 1775 SHERMAN STREET - SUITE 3000

City: DENVER State: CO Zip: 80203

6. Contact Name: Sarah Garrett Phone: (303)860-5803 Fax: (303)860-5838

Email: sgarrett@petd.com

7. Well Name: Wells Ranch State Well Number: 28R

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

9. Proposed Total Measured Depth: 6950

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 28 Twp: 6N Rng: 63W Meridian: 6

Latitude: 40.464680 Longitude: -104.436780

Footage at Surface: 81 FNL/FSL FNL 1292 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4750 13. County: WELD

14. GPS Data:

Date of Measurement: 10/15/2009 PDOP Reading: 6.0 Instrument Operator's Name: Thomas G Carlson PLS 24657

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: 4880 ft

18. Distance to nearest property line: 81 ft 19. Distance to nearest well permitted/completed in the same formation: 840 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.)
J Sand	JSND	N/A	160	GWA
Niobrara Codell	NBCD	407-87	160	GWA
Sussex Shannon	SXSN	N/A	160	GWA

21. Mineral Ownership: Fee State Federal Indian Lease #: 6524/81

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):
 Sec. 28, T6N, R63W

25. Distance to Nearest Mineral Lease Line: 81 ft 26. Total Acres in Lease: 640

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: _____

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
SURF	12+1/4	8+5/8	24	500	240	500	0
S.C. 1.1	7+7/8	4+1/2	10.5	6,950	200	6,950	3,000

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

33. Comments Conductor casing will not be used. Well will be tied into a common tank battery approximately 1,500' south of the well, called the Wells Ranch State 28 NE/4 Tank Battery, for which a separate 2A has been submitted.

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: Sarah Garrett

Title: Landman Date: _____ Email: sgarrett@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	Permit Number: _____	Expiration Date: _____
05	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	Doc Description
400020453	30 DAY NOTICE LETTER	Wells Ranch State 30 Day Notice Letter Greeley.pdf
400020454	TOPO MAP	Wells Ranch State 28R Topo2.pdf
400020455	PLAT	Wells Ranch State 28R Plat2.pdf
400020456	EXCEPTION LOC WAIVERS	Wells Ranch State 28R Property Line Waiver Steve & Teresa.pdf
400027814	EXCEPTION LOC REQUEST	Wells Ranch State 28M, 28R - Property Line Waiver Letter.pdf
400027818	CORRESPONDENCE	Wells Ranch State 28R 20-Day Notice to Noble.pdf
400027821	PROPOSED SPACING UNIT	Wells Ranch State 28R BHL Map.pdf
400027824	EXCEPTION LOC REQUEST	Wells Ranch State 28R DDW - Loc. Exc. Letter.pdf
400027925	CORRESPONDENCE	Wells Ranch State 28R - 20-day certification.pdf
400029355	EXCEPTION LOC WAIVERS	Directional Drilling Waiver Wells Ranch State Sec 28.pdf

Total Attach: 10 Files