

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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| DE | ET | OE | ES |
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Document Number:

400070431

Plugging Bond Surety

20090078

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

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: Larry Robbins Phone: (303)860-5822 Fax: (303)860-5838
Email: lrobbins@petd.com

7. Well Name: Puckett Well Number: 12B-36D

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

9. Proposed Total Measured Depth: 9030

WELL LOCATION INFORMATION

10. QtrQtr: Lot 4 Sec: 36 Twp: 6S Rng: 97W Meridian: 6
Latitude: 39.484892 Longitude: -108.174811

Footage at Surface: 684 FNL/FSL FNL 911 FEL/FWL FWL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 8369 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 11/14/2008 PDOP Reading: 2.1 Instrument Operator's Name: Jesse Jenkins

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

Footage at Top of Prod Zone: FNL/FSL 143 FSL 179 FWL 120 FSL 160 FWL
Sec: 36 Twp: 6S Rng: 97W Sec: 36 Twp: 6S Rng: 97W

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: 6725 ft

18. Distance to nearest property line: 8223 ft 19. Distance to nearest well permitted/completed in the same formation: 315 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Williams Fork-Cameo | WFCM | 510-21 | | |

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):
See attached map

25. Distance to Nearest Mineral Lease Line: 160 ft 26. Total Acres in Lease: 4960

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 |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| CONDUCTOR | 24 | 20 | 53 | 100 | 100 | 100 | 0 |
| SURF | 17+1/2 | 9+5/8 | 36 | 2,000 | 1,480 | 2,000 | 0 |
| 1ST | 8+3/4 | 4+1/2 | 11.6 | 9,030 | 1,000 | 9,030 | 4,030 |

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

33. Comments PDC will not be constructing pits for the drilling/completion operations at the Puckett 12B-36D wellsite due to the use of closed loop drilling/completion tank systems. As established by COGCC Commission Order 510-21, this well location is located in the 219.44 acre Section 36. The well location meets the requirement of ten (10) acre equivalent spacing and will be one (1) of an estimated twenty one (21) ten acre locations in the section. Added per Larry Robbins e-mail 07/19/2010 RE

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: Larry Robbins

Title: Regulatory Agent Date: 6/23/2010 Email: lrobbins@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: David S. Nesline Director of COGCC Date: 8/13/2010

Permit Number: _____ Expiration Date: 8/12/2012

API NUMBER

05 045 19808 00

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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.
- 2) GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE
- 3) CEMENT TOP VERIFICATION BY CBL REQUIRED.
- 4) COMPLY WITH ALL PROVISIONS OF THE JUNE 12, 2008 NOTICE TO OPERATORS DRILLING WELLS WITHIN 3/4 MILE OF THE RIM OF THE ROAN PLATEAU IN GARFIELD COUNTY - PIT DESIGN, CONSTRUCTION AND MONITORING REQUIREMENTS. SEE ATTACHED NOTICE.
- 5) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 605 FEET DEEP.

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|-------------------------|----------------------|
| 400070431 | FORM 2 SUBMITTED | LF@2495915 400070431 |
| 400070442 | ACCESS ROAD MAP | LF@2495916 400070442 |
| 400070443 | MULTI-WELL PLAN | LF@2495917 400070443 |
| 400070444 | CONST. LAYOUT DRAWINGS | LF@2495918 400070444 |
| 400070445 | HYDROLOGY MAP | LF@2495919 400070445 |
| 400070446 | LOCATION DRAWING | LF@2495920 400070446 |
| 400070447 | LOCATION PICTURES | LF@2495921 400070447 |
| 400070448 | LOCATION DRAWING | LF@2495922 400070448 |
| 400070451 | LOCATION DRAWING | LF@2495923 400070451 |
| 400070453 | DEVIATED DRILLING PLAN | LF@2495924 400070453 |
| 400070454 | WELL LOCATION PLAT | LF@2495925 400070454 |
| 400070455 | LEASE MAP | LF@2495926 400070455 |
| 400070456 | CONST. LAYOUT DRAWINGS | LF@2495927 400070456 |
| 400070457 | REFERENCE AREA MAP | LF@2495928 400070457 |
| 400070458 | REFERENCE AREA PICTURES | LF@2495929 400070458 |
| 400070459 | NRCS MAP UNIT DESC | LF@2495930 400070459 |
| 400070461 | SURFACE PLAN | LF@2495931 400070461 |
| 400070463 | TOPO MAP | LF@2495932 400070463 |
| 400072169 | 30 DAY NOTICE LETTER | LF@2495933 400072169 |

Total Attach: 19 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|--------------------------|
| Permit | PERITTING PASSED Commingle was blank, bhl footages were measured from the wrong section line, added pad name to Related Forms Corrections approved by Larry Robbins verbal | 8/11/2010 10:25:29 AM |

Total: 1 comment(s)

Error: Subreport could not be shown.