



State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109



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7/24/03

00600

APPLICATION FOR PERMIT TO:

1. TYPE OF WORK

☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and



01336086

2. TYPE OF WELL

OIL ☐ GAS ☒ COAL BED ☐ OTHER: \_\_\_\_\_

SINGLE ZONE ☐ MULTIPLE ZONE ☒ COMMINGLE ZONES ☐

Refilling ☐

Sidetrack ☐

Plugging Bond Surety ID#: 19990086

3. OGCC Operator Number: 69175

4. Name of Operator: Petroleum Development Corp.

5. Address: 103 East Main St. P.O. Box 26

City: Bridgeport State: WV Zip: 26330

6. Contact Name & Phone

Gary W. Fridley

Phone: 1-800-624-3821

Fax: 1-304-842-0913

Complete the  
Attachment Checklist

	Op	OGCC
APD Original & 2 Copies		
Form 2A (Reclamation) & 1 Copy		
Permit Fee		
Well Location Plat		
Copy of Topo Map		
Plugging Surety		
Mineral Lease Map		
Surface Agreement/Surety		
Pit Permit (Form 15)		
Deviated Drilling Plan		
Request for Exception Location		
Exception Location Waivers		
H2S Contingency Plan		
Federal Drilling Permit (if Set)		
30-Day Notice		
Sent complete permit package to county		

7. Well Name: Wells Ranch

Well Number: #23-11

8. Unit Name (if appl.): \_\_\_\_\_

Unit No: \_\_\_\_\_

9. Proposed Total Depth: 7500'

WELL LOCATION INFORMATION

10. Qtr/Qtr: NESW Sec: 11 Twp: 5N Rng: 63W Meridian: 6th

Footage From Exterior Section Lines:

At Surface: 1976' FSL & 1999' FWL

11. Field Name: Wattenberg

Field Number: 90750

12. Ground Elevation: 4660'

13. County: Weld

14. If well is: ☐ Directional ☐ Horizontal (Highly Deviated), submit deviated drilling plan.

Footage from Exterior Section Lines and Sec Twp Rng:

At Top of Production Zone: \_\_\_\_\_

At Bottom Hole: \_\_\_\_\_

15. Is location in a high density area (Rule 603b)? ☐ Yes ☒ No

16. Distance to nearest building, public road, above ground utility or railroad: 3.7 miles to a public roadway

17. Distance to Nearest Property Line: 1976'

18. Distance to nearest well completed in same formation: 2650'

19. LEASE, SPACING, AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number	Unit Acreage Assigned to Well	Unit Configuration (N2, SE4, etc.)
J-Sand	JSND	318	320	S/2 Sec.11

20. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

Lease #: \_\_\_\_\_

21. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No

Surface Surety ID #: 19990086

If No: ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

23. Describe lease area associated only with the proposed well by Qtr/Qtr, Sec, Twp, Rng (attach separate sheet/map if required):

S/2 Sec.11 T5N R63W

24. Distance to Nearest Lease Line: 658'

25. Total Acres in Lease: 320 acres

DRILLING PLANS AND PROCEDURES

26. Approx. Spud Date: March 10, 2003

NOTE: If air/gas drilling, notify local fire officials.

27. Drilling Contractor Number: 14723

Name: Caza Drilling

Phone #: 303-292-1206

28. Is H2S Anticipated: ☐ Yes ☒ No If yes, attach contingency plan.

29. Will salt sections be encountered during drilling? ☐ Yes ☒ No

30. Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? ☐ Yes ☒ No

31. If questions 29 or 30 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No

32. 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).

33. CASING AND CEMENTING PROGRAM

String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Conductor	<u>1</u>	<u>1</u>					
Surface	<u>12 1/4"</u>	<u>8 5/8"</u>	<u>24#</u>	<u>390'</u>	<u>300 sks</u>	<u>390'</u>	<u>surface</u>
Production	<u>7 7/8"</u>	<u>4 1/2"</u>	<u>11.6#</u>	<u>7500'</u>	<u>300 sks "G"</u>	<u>7500'</u>	<u>4500'</u>
	<u>1</u>	<u>1</u>					

34. BOP Equipment Type: ☐ Annular Preventor ☒ Double Ram ☐ Rotating Head ☐ None

35. Comments, if any:

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Gary W. Fridley

Signed: Gary W. Fridley Title: Landman Date: February 20, 2003

OGCC Approved: R. T. Bickley

Director of COGCC

Date: 2/6/03

API NUMBER

Permit Number: 20030340

Expiration Date: 3/5/04

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY ED BINKLEY 48 HOURS PRIOR TO SPUD AT 970-506-9834. COMPLY WITH COGCC RULE 317.I AND PROVIDE 200 FT CEMENT COVERAGE ABOVE THE NIOBRARA-CODEL FORMATION. RUN AND SUBMIT CEMENT BOND LOG TO VERIFY CEMENT COVERAGE.

Gamma Ray (GAPI)	200
Caliper (in)	18
SP (mV)	200

0	Deep Resistivity (Ohm-m)	50	1000	CILD (mmho-m)
0	Shallow Resistivity (Ohm-m)	50		



