

State of Colorado
Oil and Gas Conservation Commission

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



RECEIVED

SEP 20 00
APPROVED

Plugging Bond Surety ID#:

1999 0085

APPLICATION FOR PERMIT TO:

1. TYPE OF WORK

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

2. TYPE OF WELL

OIL ☐ GAS ☒ COAL BED ☐ OTHER: _____SINGLE ZONE ☐ MULTIPLE ZONE ☒ COMMINGLE ZONES ☐Refilling ☐Sidetrack ☐

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

7. Well Name: Solis

Well Number: 44-17

8. Unit Name (if appl.):

Unit No: _____

9. Proposed Total Depth: 7225'

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 (1 Set)		
30-Day Notice		
Sent complete permit package to county		

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 17 Twp: 5N Rng: 64W Meridian: 6th

Footage From Exterior Section Lines:

At Surface: 460' FEL & 755' FSL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4628' 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: 305' surface / 306' verification - the 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: 460' to a public road

17. Distance to Nearest Property Line: 460'

18. Distance to nearest well completed in same formation: 1175'

19. LEASE, SPACING, AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc)
Niobrara	NBRR	407-87	80	E/2SE/4
Codell	CODLL	407-87	80	E/2SE/4

20. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian21. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

Lease #: _____

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

Surface Surety ID #: 1999 0086

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 QtrQtr, Sec, Twp, Rng (attach separate sheet/map if required): E/2 SE/4 Sec.17 T5N R64W

24. Distance to Nearest Lease Line: 460'

25. Total Acres in Lease: 80 acres

DRILLING PLANS AND PROCEDURES

26. Approx. Spud Date: 10-13-2000

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 ☒ No30. Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? ☐ Yes ☒ No31. If questions 29 or 30 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No32. Mud disposal: ☐ Offsite ☒ OnsiteMethod: ☒ 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
Surface	12 1/4"	8 5/8"	24#	365'	300sks	365'	surface
Production	7 7/8"	4 1/2"	10.5#	7225'	150sks "G"	7225'	6225'
					260sks "Lite"	6225'	3225'
				Stage Tool			

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: Sept. 18, 2000

OGCC Approved: [Signature]

Director of COGCC

Date: OCT 23 2000

API NUMBER

Permit Number: 001146

Expiration Date: OCT 22 2001

CONDITIONS OF APPROVAL, IF ANY:

CONTACT LINDA PAVELKA 48 HOURS PRIOR TO SPUD AT 303-857-1635.

COMPLY WITH COGCC RULE 317.i. AND PROVIDE 200 FT CEMENT COVERAGE

ABOVE THE NIOBRARA FORMATION. VERIFY COVERAGE WITH A CEMENT BOND LOG.

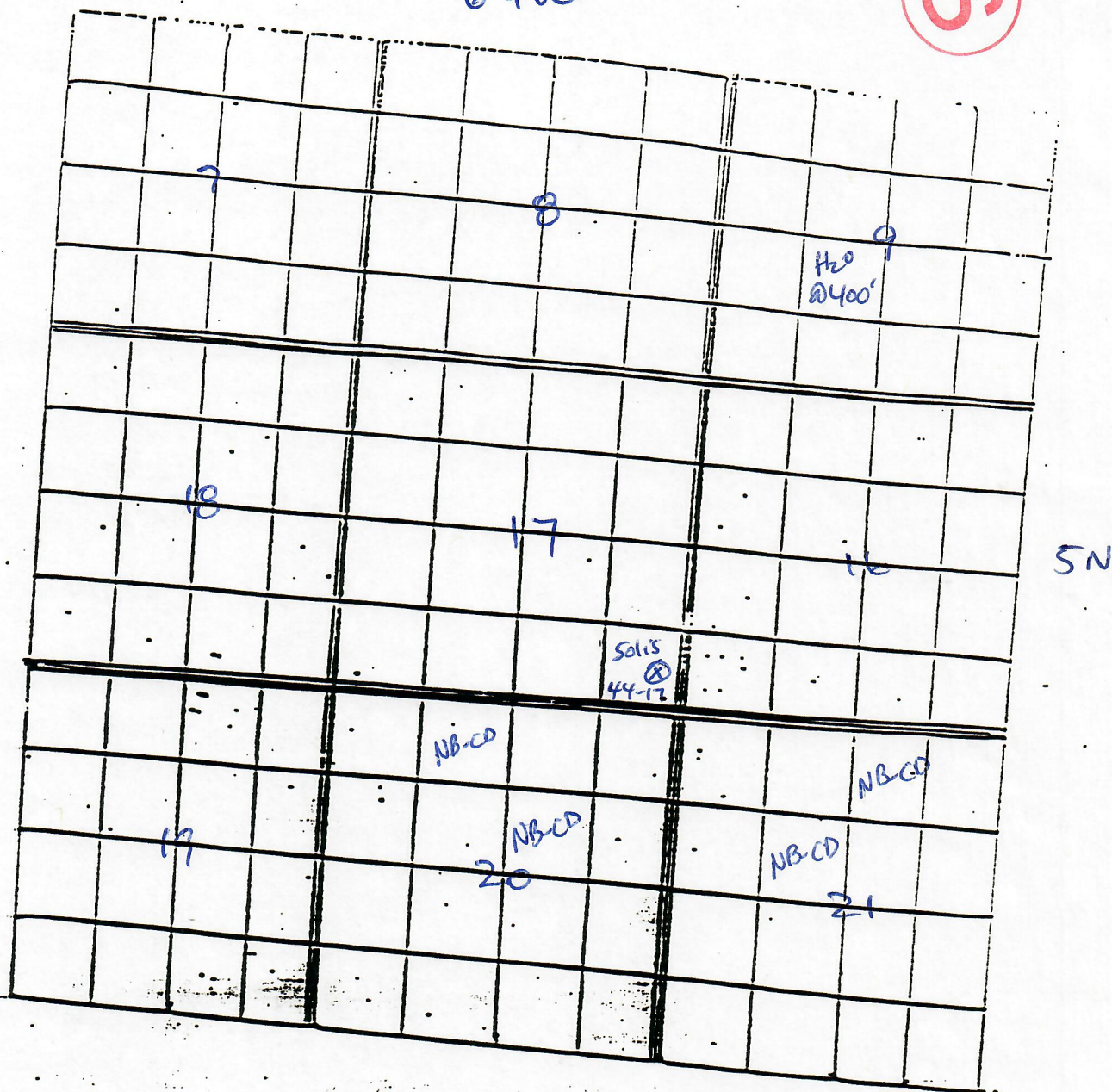
State of Colorado
Oil and Gas Conservation Commission

APPLICATION FOR PERMIT TO
Drill, Operate, or Abandon a Well

1. Name of Applicant: _____
2. Name of Operator: _____
3. Name of Lessee: _____
4. Name of Landowner: _____
5. Name of Surveyor: _____
6. Name of Engineer: _____
7. Name of Geologist: _____
8. Name of Environmental Scientist: _____
9. Name of Other Professional: _____
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98. Name of Other Professional: _____
99. Name of Other Professional: _____
100. Name of Other Professional: _____

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COMPLY WITH COGCC RULE 317.i. AND PROVIDE 200 FT CEMENT COVERAGE
ABOVE THE NIOBRARA FORMATION. VERIFY COVERAGE WITH A CEMENT BOND LOG.

64W



All H₂O wells
≤ 250' unless
noted

Must set surf csg
50' below Fox Hills
transition & be 5%
of total depth (361.25)

LOCATION: SE1/4 OF SE1/4 OF SEC. 17, T.5N., R.64W. (755 SSL, 460 ESL)

Ground Elevation: 4628

Number of Acres: 40

AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STATUS
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	----	----	----	----	----	----	----
LOWER DAWSON	----	----	----	----	----	----	----
DENVER	----	----	----	----	----	----	----
UPPER ARAPAHOE	----	----	----	----	----	----	----
LOWER ARAPAHOE	----	----	----	----	----	----	----
LARAMIE-FOX HILLS	4483	4599	75.5	145	29	4.53	NNT

note: E indicates location is at aquifer boundary and values
may be more approximate.

Database File: lyco.db
Dataset Pathname: pass4
Presentation Format: dlin8.prs
Dataset Creation Date: Fri Dec 27 09:49:43 1996
Charted by: Depth in Feet scaled 1:800

