

(November 1983)
(formerly 6-1330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
SUBMIT FORM 1001
DD FORM 1001-1
4-See other In-
structions on
reverse side)

Budget Bureau No. 1004-0137
Expires August 31, 1985

95F

NOV 20 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: ARTESIAN, OFFICE

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other

2. NAME OF OPERATOR: The Petroleum Corporation of Delaware

3. ADDRESS OF OPERATOR: 3811 Turtle Creek Blvd., Suite 350, Dallas, Texas 75219-4419

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 560' FSL & 1930' FWL SE/4, SW/4 Unit Letter N

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.: LC 071066

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Brushy 12 Federal

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Brushy Draw Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 12, T26S, R29E

12. COUNTY OR PARISH: Eddy

13. STATE: NM

14. PERMIT NO. API # 30-015-25416 DATE ISSUED 9/25/85

15. DATE SPUDDED 10/5/85 16. DATE T.D. REACHED 10/16/85 17. DATE COMPL. (Ready to prod.) 11/2/85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3019.4'GR 3027.4'KB* 19. ELEV. CASINGHEAD 3020

20. TOTAL DEPTH, MD & TVD 5500' 21. PLUG BACK T.D., MD & TVD 5465' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY XXX 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 5302' - 5328' Brushy Canyon

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS R/V: Dual Laterolog Micro - SFL & Compensated Neutron - Litho Density

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT--PULLED
8 5/8"	24	735'	12 1/4"	370 sx Class C + 2% CaCl ₂	
5 1/2"	15.5 & 17	5488'	7 7/8"	1st stage thru float at 5488	175 sx Class J
			2nd stage	thru DV tool at 4807	250 sx Trinity Lite
			3rd stage	thru DV tool at 3590	450 sx Class C

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5365	None

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5302, 5303, 5304, 5307, 5308, 5310, 5315, 5316, 5317, 5318, 5321, 5321 1/2, 5322, 5322 1/2, 5323, 5324, 5325, 5326, 5327, 5328'. Total 20 holes				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				5302-5328'	2000gals MOD 101 7% HCl + 40 B.S.
				5302-5328'	48000gals MytGel LT, 73000#
					20/40 sand, 24,000# 12/20 sand.

33.* PRODUCTION DATE FIRST PRODUCTION 11/4/85 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Pumping - 2 1/2 x 2 x 20 RWBC WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 11/13/85 HOURS TESTED 24 CHOKER SIZE PROD'N. FOR TEST PERIOD 187 OIL--DBL. 150 GAS--NCF. 360 WATER--BBL. 802:1

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 36.8 OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented (negotiating gas contract) TEST WITNESSED BY M.H. Langford

35. LIST OF ATTACHMENTS: Electric logs, deviation surveys

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: [Signature] TITLE: VP-Drig. & Prod. DATE: 11/15/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Bell Canyon	3256	3310	Sand	Base Salt	3021	
Brushy Canyon	5300	5330	Sand - Oil & water <u>NO DRILL STEM TESTS</u>	Bell Canyon Lamar Ramsey Cherry Canyon Brushy Canyon Williamson	3212 3212 3247 4134 5261 5261	

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X		X					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.D.T.D.				
10/5/85	11/2/85		5500		5465				
Elevations (DF, RKB, RT, GR, etc.)		Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
3019.4GR 3027.4 KB		Delaware		5302		5365			
Perforations						Depth Casing Shoe			
a 5302-5328 (20 holes)						5488			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4		8 5/8		735		370 SA			
7 7/8		5 1/2		5488		875 SA			
		2 7/8		5365					

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load off and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
11/4/85	11/13/85	Pumping	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hours	20	60	
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF
	187	360	150

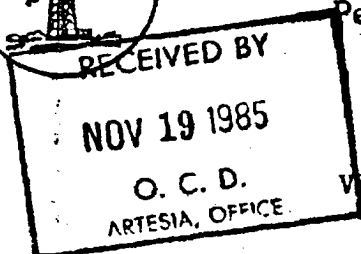
GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size



R.D.C., INCORPORATED

Petroleum Exploration • Drilling • Production



WELL NAME AND NUMBER BRUSHY FEDERAL "12" #1 ✓
LOCATION SEC 12; T26S, R29E, EDDY COUNTY, NM
OPERATOR THE PETROLEUM CORPORATION OF DELAWARE
DRILLING CONTRACTOR RHYMES DRILLING COMPANY, INC

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and has conducted deviation tests and obtained the following results:

DEGREES OF DEVIATION/
AT A DEPTH OF:

1/2 @ 492'
1/2 @ 735'
3/4 @ 1221'
1 @ 1741'
1 1/2 @ 2219'
1 1/2 @ 2730'
1 @ 3207'
1/2 @ 3721'
1/2 @ 4165'

DEGREES OF DEVIATION/
AT A DEPTH OF:

1/2 @ 4672'
1/2 @ 5152'
1 @ 5500'

DRILLING CONTRACTOR: RHYMES DRILLING COMPANY, INC

BY: L L LIVEOAK

SIGNATURE: Goddie Liveoak

My Commission Expires: 02/28/87