

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Alameda, NM 88210

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____
2. NAME OF OPERATOR
PETROLEUM CORPORATION OF DELAWARE ✓
3. ADDRESS OF OPERATOR
3131 Turtle Creek Blvd., Suite 400 - Dallas, Texas 75219-5415
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2130 FWL and 990 FSL
At top prod. interval reported below
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.
SUPERIOR-FEDERAL
NM 0144698
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N.A.
7. UNIT AGREEMENT NAME
N.A.
8. FARM OR LEASE NAME
SUPERIOR-FEDERAL
9. WELL NO.
8
10. FIELD AND POOL, OR WILDCAT
East Burton Flat-Strawn
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 1, T20S, R29E
12. COUNTY OR PARISH
Eddy
13. STATE
N.M.

14. PERMIT NO. _____
15. DATE SPUDDED 4-4-90
16. DATE T.D. REACHED 5-14-90
17. DATE COMPL. (Ready to prod.) 6-18-90
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 3298 GR.
19. ELEV. CASINGHEAD 3298
20. TOTAL DEPTH, MD & TVD 11,908
21. PLUG, BACK T.D., MD & TVD 11,050
22. IF MULTIPLE COMPL., HOW MANY* N.A.
23. INTERVALS DRILLED BY → 0-11,908
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Strawn 10,612-10,770 Over-all
25. WAS DIRECTIONAL SURVEY MADE
No
26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction, Dual Laterolog, Comp. Neutron Density
27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94.0	456	26"	40 SxS 35/65 + 40 SxS "H"	0
13-3/8"	54.5	1,158	17-1/2"	45 SxS 35/65 + 30 SxS "A"	0
8-5/8"	24 and 32	3,450	12-1/4"	1300 SxS 35/65 + 260 SxS "A"	D.V. Tool @ 2011'
5-1/2"	17 and 20	11,899	7-7/8"	1150 SxS "H" + 560 SxS "H"	D.V. Tool @ 7003'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	10,510	10,510

31. PERFORATION RECORD (Interval, size and number)

11,700 - 11,708	4	SPF	Morrow
11,180 - 11,186	4	SPF	Atoka
10,755 - 10,770	4	SPF	Strawn
10,612 - 10,622	4	SPF	Strawn
10,626 - 10,638	4	SPF	Strawn

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,700-11,708	1000 Gal. 15% HCL w/N ₂
11,180-11,186	1500 Gal. 15% HCL w/N ₂
10,755-10,770	1000 Gal. 15% HCL w/N ₂
10,612-10,770	1000 Gal. 15% HCL w/N ₂

33. PRODUCTION

DATE FIRST PRODUCTION 6-19-90
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing
WELL STATUS (Producing or shut-in) SI - Waiting on line

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-29-90	24	14/64"	→	261	1560	2	5977

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (C&I)
1400	0	→	261	1560	2	66.6°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented for duration of test.
TEST WITNESSED BY _____
35. LIST OF ATTACHMENTS
Electric Logs, Deviation Record, Four Point Test.

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

SIGNED James H. Anger TITLE Dist. Prod. Engineer DATE 7-11-90

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

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, valve tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Strawn	10,604	10,801	D.S.T. #1, no cushion. 5 min. IF, 30 min. ISI, 60 min. FF, 180 min. FSI. Flowed 470 MCF/D at 330 PSI FTP. Recovered 6.6 bbls. condensate and 5.6 bbls. gas cut mud in D.P. IHP 5581 PSI, IFP 172-215 PSI, ISIP 3987 PSI, FFP 215-731 PSI, FSIP 4030 PSI, FHP 5538 PSI.	Delaware	Not Logged	
Morrow	11,700	11,708	Swabbed dry. Recovered load water. Plugged off.	Bone Springs	5,902	
Atoka	11,180	11,186	Flowed gas at 0 PSI T.P. Burned with 12-14 Ft. Flare. SITP 550 PSI in 2-1/2 hours. Non-commercial, plugged off.	Wolfcamp	9,590	
Strawn	10,755	10,770	Recovered small amount of gas, no formation water. Left perforations open.	Strawn	10,525	
Strawn	10,612 10,626	10,622 10,638	Flowing gas at 1500 MCF/D, 40-50 BCPD, 250 PSI FTP, 3/4" choke. Initial production.	Atoka	10,890	
				State Datum	11,190	
				Morrow Lime	11,462	
				Morrow Clastics	11,596	