

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM DIST. CONS. COMMISSION
Dr. DD
Artesia, NM 88410
SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

45F
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

The Petroleum Corporation of Delaware

3. ADDRESS OF OPERATOR

3131 Turtle Creek Blvd., Ste. 400, Dallas, TX 75219

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1830 FNL & 1980 FEL Unit G

At top prod. interval reported below

At total depth

14. PERMIT NO. ARTESIA, OFFICE ISSUED
30-015-26590

5. LEASE DESIGNATION AND SERIAL NO.

NM-0144-698

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Superior Federal

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

East Burton Flat Strawn

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 1, T20S, R29E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 12-28-90 16. DATE T.D. REACHED 2-1-91 17. DATE COMPL. (Ready to prod.) 4-15-91 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 3317 Ground

20. TOTAL DEPTH, MD & TVD 11892 21. PLUG, BACK T.D., MD & TVD 11805 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Strawn: 10624-10824 (tbg-csg annulus completion)

26. TYPE ELECTRIC AND OTHER LOGS RUN

Neutron-Density Gamma Ray; Dual Laterolog - Gamma Ray

25. WAS DIRECTIONAL SURVEY MADE
No
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	467	26"	1225 sxs 'C'	
13-3/8"	48	1162	17-1/2"	925 sxs Howco Lite + 200 sxs 'C'	
8-5/8"	24 & 32	3450	12-1/4"	1175 sxs Howco Lite + 750 sxs 'C'	DV tool at 1792
5-1/2"	17	11892	7-7/8"	1700 sxs 'H' DV tool at 7026	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	10859	10859

31. PERFORATION RECORD (Interval, size and number)

Strawn: 10624-672 (2 SPF, 96 holes)
10770-824 (2 SPF, 108 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10624-672	Acidize w/4000 gal NeFe
10770-824	Acidize w/3000 gal 15% HCl
10770-824	Frac w/10000 gal gelled 20% NeFe w/33 tons CO ₂

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-6-91	24		→	108	2630	12	24352
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	108	2630	12	NA	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

35. LIST OF ATTACHMENTS

Electric Logs, Deviation Record, Wellbore Diagram

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

SIGNED

Tom Sprinkle

TITLE District Manager

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

ACCEPTED FOR RECORD

DATE 4-23-91

CARLSBAD, NEW MEXICO

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):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TOP TRUE VERT. DEPT
Strawn	10640	10788	D.S.T. #1, no cushion. Took 7 min IFP, 30 min ISI, 60 min FFP, 180 min PSI, had GIS in 47 min w/45 PSI. Flowed est. 160 MCFD on 1/4" choke w/110 PSI. Rcv'd 6.6 bbls drlg fluid w/small amount of oil on top. Sample chamber had 900 cc's 44° oil/ 100 cc's drlg fluid and 0.11 CF gas at 30 psi. IHP 5395 PSI, IFP 198-243 PSI, ISI 2727 PSI, FFP 270-431 PSI/ PSI 431-3619 PSI/FFP 5375 PSI		Delaware Bone Springs Strawn Aroka State Datum Morrow Morrow Clastics	3650 6060 10550 10900 11200 11472 11610	
Aroka	10961	11233	Flwd 3030 MCFD, 72 BCFD/trace wtr w/ 1250 PSI FTP thru 20/64" choke. 18 hr SITP - 4250 PSI				
Strawn	10770	10824	Flwd 845 MCFD, 12 BCFD, 12 BCFD on 200 PSI FTP thru 2" meter run w/1.5" orifice plate. 36 hr SITHP - 4889 PSI/ SITP - 3700 PSI				
Strawn	10624	10672	Flwd 1785 MCFD, 96 BCFD/ 0 BCFD w/ 925 PSI FTP thru 20/64" choke. 48 hr SITHP. 3833/ SITP - 2800 PSI				