

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-015-26400
Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

clst

5. LEASE DESIGNATION AND SERIAL NO.
NM-62589

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal 23

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Livingston Ridge, Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 23, T-22S, R-31E

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
Pogo Producing Company

3. ADDRESS OF OPERATOR
P. O. Box 10340, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 2310' FNL 660' FEL Sec 23, T-22S, R-31E
At top prod. interval reported below Same
At total depth same

14. PERMIT NO. DATE ISSUED
5-14-91

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPudded 7-5-91 16. DATE T.D. REACHED 7-16-91 17. DATE COMPL. (Ready to prod)

18. ELEVATIONS (DF, RKB, RT, GR, ETC)* 3538.7 GR 19. ELEV. CASINOHEAD 3537.7

20. TOTAL DEPTH, MD & TVD 8409 21. PLUG BACK T.D., MD & TVD 8362 22. IF MULTIPLE COMPLET. HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS 0-8409 CABLE TOOLS N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
6973-6993 2 SPF 41 holes, Delaware, Brushy Canyon

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, CNL, CBL

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
13 3/8	54.5	837	17 1/2	950 sks-circ 345 sks	
8 5/8	32# & 24#	4258	11"	2450 sks-circ 400 sks	
5 1/2	17# & 15.5#	8409	7 7/8 - stg	tool 6205 - 1st stg 770 sks circ 115 sks 2nd stg 735 sks - TOC 2500'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE 2 7/8 DEPTH SET (MD) 7007' PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
6973-6993 .41" 41 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6973-6993	2000 gals 15% NEFE Acid
6973-6993	Frac w/ 12,000 gal Pad - propped w/ 44,800 lbs 20/40

33.* PRODUCTION ottowa sd.

DATE FIRST PRODUCTION 7-31-91 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) pumping 2 1/2" x 1 1/2" x 26' RHBC DV HT WELL STATUS (Producing or shut-in) producing

DATE OF TEST 8-9-91 HOURS TESTED 24 CHOKE SIZE PROD'N. FOR TEST PERIOD OIL--BBL. 116 GAS--MCF. 78 WATER--BBL. 45 GAS-OIL RATIO 672

FLOW. TUBING PRESS. CASING PRESSURE 40# CALCULATED 24-HOUR RATE OIL--BBL. 116 GAS--MCF. 78 WATER--BBL. 45 OIL GRAVITY-API (CORR.) 39.6°

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

35. LIST OF ATTACHMENTS
logs, deviation surveys, C-104, 3160-5

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

SIGNED [Signature] TITLE Div. Operations Supervisor DATE 8/7/91

*(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, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Delaware Lime	4403 log	
				Bell Canyon	4460 log	
				Cherry Canyon	5301 log	
				Brushy Canyon	6556 log	
				Bone Springs	8290 log	