

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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 RECOMPLETION
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other MAY - 8 1991

2. NAME OF OPERATOR
Pogo Producing Company

O. C. D.
ARTESIA OFFICE

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2310' FNL & 2260' FWL of Section 10
At top prod. interval reported below 2310' FNL & 2260' FWL of Section 10
At total depth 2310' FNL & 2260' FWL of Section 10

14. PERMIT NO. DATE ISSUED
3-7-91

5. LEASE DESIGNATION AND SERIAL NO.
NM-15433

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 10

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

East Loving, Delaware

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

Sec. 10, T-23-S, R-28-E

12. COUNTY OR PARISH Eddy 13. STATE NM

15. DATE SPUDDED 3-23-91 16. DATE T.D. REACHED 4-1-91 17. DATE COMPL. (Ready to prod.) 4-16-91 18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 3020.9' GR 19. ELEV. CASINGHEAD 3021.9

20. TOTAL DEPTH, MD & TVD 6343' MD & TVD 21. PLUG, BACK T.D., MD & TVD 6300' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-6343' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6130-6145' - Brushy Canyon "Delaware"

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC/CNL, DLL & 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
8-5/8"	24#	550'	12-1/4"	375 sks-circ 92 sks	
5-1/2"	15.5#	6343'	7-7/8"	1855 sks-circ 219 sks	
				stg tool @ 3125'	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	6025'	none

31. PERFORATION RECORD (Interval, size and number)

6130-6145' .41" 31 holes Delaware

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6130-6145'	1500 gals 15% HCL NEFE
6130-6145'	10,000 gal pad-10,600# 20/40 (Otta) 4940# 20/40 CRCS

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4-17-91		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4-22-91	24	16/64"	→	156	207	149	1327/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
46C	1225	→	156	207	149	42.2 deg @ 60 deg F		

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

vented

TEST WITNESSED BY

Keith Norvell

35. LIST OF ATTACHMENTS

Logs, deviation surveys

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

SIGNED

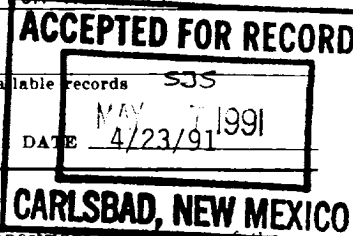
R. J. Wright

TITLE Division Oper. Supervisor

DATE

4/23/91

*(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, flowing and shut-in pressures, and recoveries):	38. GEOLOGIC MARKERS			
	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
	Base Halite	2360 log		
	Top Anhydrite	2360 log		
	Top Del. Lime	2588 log		
	Top Bell Canyon	2621 log		
	Top Cherry Cy	3462 log		
	Top Brushy Cy	4674 log		
	Top Bone Spring	6160 log		

WELL NAME & NUMBER Pogo Fed 10-#1

LOCATION Sec 10, T-23-S, R-28-E Eddy County, New Mexico
(Give Unit, Section, Township and Range)

OPERATOR Pogo Producing Company P.O. Box 10340 Midland, TX 79702

DRILLING CONTRACTOR Grace Drilling Company

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

<u>DEGREES @ DEPTH</u>		<u>DEGREES @ DEPTH</u>		<u>DEGREES @ DEPTH</u>		<u>DEGREES @ DEPTH</u>	
<u>.25</u>	<u>252</u>	<u>1.75</u>	<u>2471</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1.00</u>	<u>550</u>	<u>1.25</u>	<u>2626</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>.75</u>	<u>724</u>	<u>1.00</u>	<u>2780</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>2.00</u>	<u>875</u>	<u>.75</u>	<u>3272</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>2.00</u>	<u>1031</u>	<u>1.50</u>	<u>3759</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1.75</u>	<u>1185</u>	<u>.75</u>	<u>4250</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>2.25</u>	<u>1336</u>	<u>1.00</u>	<u>4742</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>2.00</u>	<u>1491</u>	<u>1.50</u>	<u>5232</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1.25</u>	<u>1646</u>	<u>2.00</u>	<u>5725</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1.75</u>	<u>1800</u>	<u>1.75</u>	<u>6216</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>2.00</u>	<u>1954</u>	<u>3.00</u>	<u>6343</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1.25</u>	<u>2041</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>2.25</u>	<u>2196</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>2.25</u>	<u>2288</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>2.00</u>	<u>2377</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor

By

Subscribed and sworn to before me this 11 day of April, 19 91

Notary Public

My Commission Expires 11-19-74

County