

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 79702-7340

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

At surface 660' FNL & 1980' FEL

At top prod. interval reported below same

At total depth Same

14. PERMIT NO.

DATE ISSUED

6/18/93

5. LEASE DESIGNATION AND SERIAL NO.

NM-43744

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sand Dunes 34 Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Undes. Ingle Wells Delaware

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

Section 34, T23S, R31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

11/26/93

16. DATE T.D. REACHED

12/9/93

17. DATE COMPL. (Ready to prod.)

12/17/93

18. ELEVATIONS (OF, RKB, RT, GB, ETC.)*

3431.4'

19. ELEV. CASINGHEAD

3430.4'

20. TOTAL DEPTH, MD & TVD

8340'

21. PLUG. BACK T.D., MD & TVD

8294'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

0'-8340'

ROTARY TOOLS

CABLE TOOLS

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

8057'-8118' Brushy Canyon (MD & TVD)

25. WAS DIRECTIONAL SURVEY MADE

No

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#	765'	17-1/2	950 sx-circ 300 sx	
8-5/8	24# & 32#	4185'	11	1700 sx-circ 250 sx	
5-1/2	15.5# & 17#	8340'	7-7/8	1685 sx-circ 32 sx	

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	8000'	

31. PERFORATION RECORD (Interval, size and number)

8057'-8117' (61 - .50" dia holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8057'-8117'	Acidz w/1500 gals 7-1/2% HCl
	Frac w/56,400 gals X/L gel
	+ 96,500# 20/40 sand

33.*

PRODUCTION

DATE FIRST PRODUCTION 12/19/93		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or Shut-in) Producing	
DATE OF TEST 12/22/93	HOURS TESTED 24	CHOKE SIZE 18/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 314	GAS—MCF. 513	WATER—BBL. 148	GAS-OIL RATIO 1373:1
FLOW. TUBING PRESS. 700 psi	CASING PRESSURE 1140 psi	CALCULATED 24-HOUR RATE →	OIL—BBL. 314	GAS—MCF. 513	WATER—BBL. 148	OIL GRAVITY-API (CORR.) 41.2	

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

Vented

TEST WITNESSED BY

Stan Morgan

35. LIST OF ATTACHMENTS

Logs, C-104, Sundries, Deviation Survey

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

SIGNED

TITLE Senior Operations Engineer

DATE 12/22/93

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Basal Anhydrite	4096'	109
Delaware Lime	4340'	109
Bell Canyon	4375'	109
Cherry Canyon	5244'	109
Brushy Canyon	6500'	109
Bone Spring	8170'	109