

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐
3. NAME OF OPERATOR: Pogo Producing Company
4. ADDRESS AND TELEPHONE NO.: P. O. Box 10340, Midland, TX 79702-7340 (915) 682-6822
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 1650' FSL & 990' FEL, Section 8, T24S, R32E
At top prod. interval reported below same
At total depth same

14. PERMIT NO. DATE ISSUED
4/11/97

6. LEASE DESIGNATION AND SERIAL NO.: NM-90812
7. IF INDEMNITY OR CONSIDERATION: NM Oil Cons. Div. 80
P.O. Box 1980
HOBBS, NM 88240
8. FARM OR LEASE NAME, WELL NO.: Nafta 8 Federal #1
9. API WELL NO.: 30-025-33195
10. FIELD AND TYPE OF WILDLIFE: Mesa Verde
S. Sand Dunes Bone Spring
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 8, T24S, R32E
12. COUNTY OR PARISH: Lea County
13. STATE: NM

15. DATE SPUDDED: 4/16/97
16. DATE T.D. REACHED: 5/6/97
17. DATE COMPL. (Ready to prod.): 5/22/97
18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 3603' GR
19. ELEV. CASINGHEAD: 3602'
20. TOTAL DEPTH, MD & TVD: 10,000'
21. PLUG BACK T.D., MD & TVD: 9955'
22. IF MULTIPLE COMPL., HOW MANY: ---
23. INTERVALS DRILLED BY: 10'-10,000'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): 9780'-9820', 9680'-9706' Bone Springs (MD & TVD)
25. WAS DIRECTIONAL SURVEY MADE: No
26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL-CNL-CBL
27. WAS WELL CORED: No

CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.5#	650	17-1/2	725 sxs-circ 150 sxs	
8-5/8	32#	4580	11	1470 sxs-circ 100 sxs	
5-1/2	15.5# & 17#	10,000	7-7/8	1340 sxs-TOC @ 6436'	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	9703'	

PERFORATION RECORD (Interval, size and number)		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9780'-9820'	(40 - .50" dia holes)	9780'-9820'	Acdz w/ 1000 gals 7-1/2% HCL
9680'-9706'	(52 - .50" dia holes)	9680'-9706'	Frac w/ 58,500# 16/30 sand
			Acdz w/ 1000 gals 7-1/2% HCL
			Frac w/ 51,000# 16/30 sand

PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
5/23/97	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
5/27/97	24			22	116	178	5270:1
LOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
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4. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold
5. LIST OF ATTACHMENTS: C-104, Logs, Sundry, Deviation Survey
6. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
7. SIGNED: [Signature] TITLE: Sr. Operations Engineer
8. TEST WITNESSED BY: Jack Burnett
9. DATE: 5/30/97

*(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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Basal Anhydrite	4482	109
				Delaware Lime	4712	109
				Bell Canyon	4734	109
				Cherry Canyon	5590	109
				Brushy Canyon	6906	109
				Bone Spring	8576	109

38.

GEOLOGIC MARKERS