

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-12845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "1"

9. WELL NO.

#6

10. FIELD AND POOL, OR WILDCAT

Lost Tank, Delaware

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

Sec. 1, T-22-S, R-31-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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 900' FSL, 1880' FWL, Sec 1

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

12-29-91

15. DATE SPUDDED

3-11-92

16. DATE T.D. REACHED

3-22-92

17. DATE COMPL. (Ready to prod.)

4-1-92

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3571.0 GR

19. ELEV. CASINGHEAD

3570.0

20. TOTAL DEPTH, MD & TVD

8520'

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

8479'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

10-8520

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

7050 - 7086', Delaware MD & TVD

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, CNL, CBL, GR

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENT	AMOUNT PULLED
13 3/8"	54.5 & 68	328'	17 1/2"	1000 sks-circ 120 sks	
8 5/8"	32	4280'	11"	1700 sks-circ 150 sks	
5 1/2"	17# & 15.5#	8520'	7 7/8"	1st stg 600 sks-circ 150 sks-tool @ 6206'	
				2nd stg 600 sks-TOC 2415 CBI	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	6986'	None

31. PERFORATION RECORD (Interval, size and number)

7050-7086', 15" holes, 72 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7050-7086	1500 gals 15% HCL Nefe
7050-7086	Frac w/ 30,000 gals X-L Pad
	prop w/ 70,000 lbs 20/40 sd.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-2-92		Pumping 2 1/2" X 1 1/2" X 22' - 5' RHBC				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-15-92	24	None	→	141	100	66	709/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
None	50	→	141	100	66	39.8	

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

Sold

TEST WITNESSED BY

Stan Morgan

35. LIST OF ATTACHMENTS

Logs, Deviation surveys, C104, Sundries, C116

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

SIGNED

TITLE

Div. Oper. Supt.

DATE

4-21-92

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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	TRUE VERT. DEPTH
				Basal Anhydrite	4151	
				Lamar Lime	4448	
				Bell Canyon	4512	
				Cherry Canyon	5358	
				Brushy Canyon	6659	
				Bone Spring	8394	

CONFIDENTIAL

WELL Federal 1 #6 .

LOCATION Sec. 1-22S-31E Eddy County, NM .

(Give Unit, Section, Township, And Range)

OPERATOR POGO Producing 500 W. Illinois, Ste. 600, Midland, TX .

DRILLING CONTRACTOR Exeter 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>1/2 218'</u>	<u>1 1/4 5,785'</u>	
<u>1 496'</u>	<u>3/4 6,288'</u>	
<u>3/4 828'</u>	<u>1 1/2 6,783'</u>	
<u>1 1,367'</u>	<u>1 1/2 7,276'</u>	
<u>3/4 1,938'</u>	<u>2 1/4 7,770'</u>	
<u>2 3/4 2,750'</u>	<u>1 3/4 7,926'</u>	
<u>2 1/4 2,966'</u>	<u>2 8,520'</u>	