

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other instructions on reverse side)

Budget Bureau No. 42-R355.b.

951

RECEIVED

Artesia, NM 86210

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

a. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:
☒ NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

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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.

7

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

New Mexico

2. NAME OF OPERATOR
Pogo Producing Company

3. ADDRESS OF OPERATOR
P.O. Box 10340, Midland, Texas 79702-7340 (915)682-6822

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 990' FSL & 2310' FEL, Section 1, T-22-S, R-31-E

At top prod. interval reported below same

At total depth same

14. PERMIT NO. _____ DATE ISSUED 04-07-92

15. DATE STOPPED 05-16-92 16. DATE T.D. REACHED 05-27-92 17. DATE COMPL. (Ready to prod.) 06-04-92 18. ELEVATIONS (TOP, BBL. HT., GR., ETC.)* 3584.2

20. TOTAL DEPTH, MD & TVD 3530' 21. PLUG, BACK T.D., MD & TVD 8492' 22. IF MULTIPLE COMPLET. HOW MANY* _____ 23. INTERVALS DRILLED BY ROTARY TOOLS 0'-8530' CABLE TOOLS _____

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

8351'-8392' Delaware, M.D. & TVD

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

25. WAS DIRECTIONAL SURVEY MADE

No

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#	820'	17-1/2"	985 sx-circ 200 sx	
8-5/8"	32#	4300'	11"	1675 sx-circ 250 sx	
5-1/2"	15.5# & 17#	8350'	7-7/8"	1st stg 600 sx-circ 110 sx 2nd stg 650 sx-TOC 2150'	

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" 8308' None

31. PERFORATION RECORD (Interval, size and number)

8351'-8392' .41 82 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8351'-8392'	Acidize w/2000 gals 15% HCL
8351'-8392'	Frac w/30,000 gals 35# Borate X-L
	Prop w/76,875# 20/40 ottawa sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
06-10-92		Pumping 2-1/2" X 1-1/2" X 22' - 5 RHBL					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
06-17-92	24	N/A	→	19	61	232	3210/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
N/A	50	→	19	61	232	41.2		

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

Sold

TEST WITNESSED BY

Stan Morgan

35. LIST OF ATTACHMENTS

C-104, Sundries, Logs, Deviation Surveys

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

SIGNED *Richard L. Wright*

TITLE Division Operations Supt.

DATE June 22, 1992

*(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) and bottom(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	4182'	Log
				Lamar Lime	4476'	Log
				Bell Canyon	4562'	Log
				Cherry Canyon	5394'	Log
				Brushy Canyon	6666'	Log
				Bone Springs	8419'	Log

WELL Federal 1 No. 7

CONFIDENTIAL

LOCATION Sec. 1, T-22-S, R-31-E Eddy County, New Mexico

(Give Unit, Section, Township, and Range)

OPERATOR POGO Producing Company, 500 W. Illinois, Suite 600, Midland, TX

DRILLING CONTRATOR 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:

Degrees @ Depth

1/2 199'
1 653'
2 1/4 820'
1 1/4 1,305'
3/4 1,802'
1 3/4 2,303'
4 1/2 2,804'
2 3/4 2,899'
3 3/4 2,994'
2 3/4 3,088'
3 3,277'
2 3/4 3,524'
3 3/4 3,772'

Degrees @ Depth

3 1/2 3,865'
3 1/2 3,957'
3 1/2 4,090'
2 1/4 4,300'
1 3/4 4,802'
1 1/4 5,301'
1 5,805'
1 6,302'
1 1/4 6,794'
1 1/4 7,292'
3/4 7,790'
1 8,288'
1 1/4 8,530'

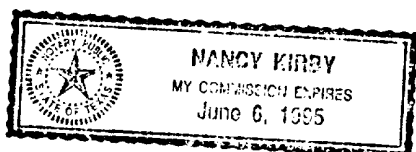
Degrees @ Depth

Drilling Contractor EXETER DRILLING CO.

By

Bob Lange
Bob Lange-Drilling Engineer-Southern Div.

Subscribed and sworn to before me this 15th day of June, 1992.



Notary Public

Commission Expires:

6-6-95