

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
NM OIL CONS. COMMISSION
Dr. J. R. D.

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.

3

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

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 2310' FSL, 990' FEL, Sec. 1

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

O.C.D.
DATE ISSUED
9-2-94
ARTESIA, N.M.

15. DATE SPUDDED

3-18-92

16. DATE T.D. REACHED

3-30-92

17. DATE COMPL. (Ready to prod.)

4-7-92

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

3589.6 GR

19. ELEV. CASINGHEAD

3588.6

20. TOTAL DEPTH, MD & TVD

8555'

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

8516'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-8555'

CABLE TOOLS

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

7121-7139' Delaware-MD & TVD

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, CNL, GR, 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 FULLED
13 3/8"	61#	805'	17 1/2"	900 sks-circ 200 sks	
8 5/8"	32#	4335'	11"	1800 sks-circ 350 sks	
5 1/2"	15.5# & 17#	8555'	7 7/8"	1st stq 400 sks-circ 168 sks-tool @ 6213'	
				2nd stq 735 sks-TQC 2100' CBL	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	7050'	

31. PERFORATION RECORD (Interval, size and number)

7121'-7139' .5" diameter 36 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7121-7139'	1500 gals HCL Nefe
7121-7139'	25,000 gals X-L Pad
	Propped w/ 56,250 # 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)	
4-10-92		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	
4-18-92	24	None	→	132	52	215	394/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
50	50	→	132	52	215	38.8		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								

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

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs, C104, Sundries, C116, 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

Div Prod 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				MEAS. DEPTH	TRUE VEET. DEPTH
				4195'	
				4493'	
				4564'	
				5404'	
				6340'	
				8450'	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VEET. DEPTH
Basal Anhydrite	4195'	
Lamar Lime	4493'	
Bell Canyon	4564'	
Cherry Canyon	5404'	
Brushy Canyon	6340'	
Bone Spring	8450'	

WELL NAME & NUMBER Federal 1-#3

LOCATION Sec. 26, T22S, R31E Eddy Co., NM
(Give Unit, Section, Township and Range)

CONFIDENTIAL

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

DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, TX 79768

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

DEGREES @ DEPTH

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1.25 500
.25 805
1.25 1312
.75 1785
1.25 2285
3.00 2792
2.50 3046
1.50 3300
2.25 3551
3.25 3772
3.25 3864
3.25 3960
2.75 4051
2.50 4335
.50 4780

1.00 5260
.50 5760
.50 6265
1.00 6768
1.00 7272
.75 7767
1.25 8270
1.50 8555

Drilling Contractor Grace Drilling Company

By

L. V. Bohannon - Drlg. Supt.

Subscribed and sworn to before me this 3 day of

April, 19 92

Becky L. Perkins

Notary Public

My Commission Expires

11/28/94

Ector

County

Texas

