

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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, Texas 79702-7340 (915)682-68224. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2310' FSL & 1930' 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 09-04-91

15. DATE SPUDDED 01-10-92 16. DATE T.D. REACHED 01-26-92 17. DATE COMPL. (Ready to prod.) 02-05-92 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3584.7 GR 19. ELEV. CASING HEAD 3583.7'

20. TOTAL DEPTH, MD & TVD 8530' TVD & MD 21. PLUG, BACK T.D., MD & TVD 8485' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-8530' ROTARY TOOLS CABLE TOOLS

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

7080' to 7097', Delaware TVD & MD

25. WAS DIRECTIONAL SURVEY MADE
No26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, CNL, CBL27. 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"	61#	828'	17-1/2"	1025 sx-Circ 350 sx	
8-5/8"	32#	4303'	11"	1625 sx-Circ 250 sx	
5-1/2"	15.5# & 17#	8530'	7-7/8"	1375 sx-TOC 2180 CBL	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7127'	N/A

31. PERFORATION RECORD (Interval, size and number)

7080'-7097', .5" Dia. 34 holes
120 degrees ph

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7080'-7097'	Acidize w/750 gals 15% NEFE
7080'-7097'	Frac w/25,000 gals 35 X-L pad
	Prop.w/33,000 lbs. 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)	
02-11-92	Pumping (2 1/2" X 1 1/2" X 26' - 5 RHBC DV Pump)					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
02-16-92	24	N/A		92	155	182	1685/1
WELL TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
150	50		92	155	182	38.4	

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

Vented

TEST WITNESSED BY
Stan Morgan

35. LIST OF ATTACHMENTS

Logs, Deviation Surveys, C-104, 3160-5, C-116

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 Feb. 20, 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), 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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Brushy Canyon	7104'	7172'	60' Free Oil - 1062' Mud Sample Chamber 450 Psi - .74 cuft gas 50 cc oil, 1900 cc mud	Lamar Bell Canyon Cherry Canyon Brushy Canyon Bone Springs	4480' 4550' 5396' 6678' 8430'	Log Log Log Log Log

38. GEOLOGIC MARKERS

CONFIDENTIAL

WELL NAME & NUMBER Federal 1-#2

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

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:

<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
<u>.75</u> <u>502</u>	<u>1.25</u> <u>6486</u>	<u> </u>	<u> </u>
<u>1.00</u> <u>828</u>	<u>1.25</u> <u>6990</u>	<u> </u>	<u> </u>
<u>1.00</u> <u>1305</u>	<u>1.25</u> <u>7147</u>	<u> </u>	<u> </u>
<u>.75</u> <u>1778</u>	<u>2.00</u> <u>7650</u>	<u> </u>	<u> </u>
<u>1.00</u> <u>2280</u>	<u>1.75</u> <u>7899</u>	<u> </u>	<u> </u>
<u>2.50</u> <u>2782</u>	<u>1.75</u> <u>8530</u>	<u> </u>	<u> </u>
<u>2.50</u> <u>2941</u>	<u> </u>	<u> </u>	<u> </u>
<u>2.00</u> <u>3444</u>	<u> </u>	<u> </u>	<u> </u>
<u>5.00</u> <u>3949</u>	<u> </u>	<u> </u>	<u> </u>
<u>4.75</u> <u>4075</u>	<u> </u>	<u> </u>	<u> </u>
<u>3.50</u> <u>4303</u>	<u> </u>	<u> </u>	<u> </u>
<u>2.25</u> <u>4470</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.00</u> <u>4972</u>	<u> </u>	<u> </u>	<u> </u>
<u>.75</u> <u>5480</u>	<u> </u>	<u> </u>	<u> </u>
<u>.75</u> <u>5983</u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor Grace Drilling Company

By *L. V. Bohannon*
L. V. Bohannon - Drlg. Supt.

Subscribed and sworn to before me this 5th day of February, 19 92

Debra Wadle
Notary Public

My Commission Expires 10/1/94 Ector County Texas



OFFICIAL SEAL
DEBRA WADLE
NOTARY PUBLIC
FOR THE STATE OF TEXAS
My Comm Expires 10-01-94