

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-40659

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pure Gold "D" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat - Delaware

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

Sec. 28, T-23-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, Texas 79702-7340

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

1980' FNL & 660' FWL

At top prod. interval reported below

1980' FNL & 660' FWL

At total depth

1980' FNL & 660' FWL

14. PERMIT NO.

DATE ISSUED

5/30/85

15. DATE SPUDDED

6/23/85

16. DATE T.D. REACHED

8/26/85

17. DATE COMPL. (Ready to prod.)

12/22/85

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

3350.2 GR

19. ELEV. CASINGHEAD

3350.2

20. TOTAL DEPTH, MD & TVD

14950' MD & TVD

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

7665' MD & TVD

22. IF MULTIPLE COMPL.,
HOW MANY*

single

23. INTERVALS
DRILLED BY

ROTARY TOOLS

b-14950

CABLE TOOLS

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

7554-7578' TVD & MD Brushy Canyon, Delaware

25. WAS DIRECTIONAL
SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Density/Neutron, Dual Laterlog

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
20"	94	532'	26"	825 sxs, circ 120 sxs	
13-3/8"	68 & 61	4170'	17-1/2"	3500 sxs, circ 375 sxs	
9-5/8"	47 & 43.5	11490	12-1/4"	1975 sxs, TOC 6800	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2	11,116	14,323	830		2-3/8	14,000'	14,000'

31. PERFORATION RECORD (Interval, size and number)

14178-14208' .25" 62 holes
14122-14130' .25" 18 holes
7850-7852' .40" 4 holes
7700-7702' .40" 4 holes
7400-7402' .40" 4 holes
7554-7578' .40" 48 holes-active prod. perms

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13945-13980	CIBP 13980-capped w/35' cmt
11015-11215	47 sxs across liner @ 11116
7900-8105	73 sxs top of Bone Springs

SEE ATTACHMENT FOR CONTINUATION

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-22-90		Pumping 2 1/2" x 1 1/2" x 24' RHBC hollow tube				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-6-91	24	N/A		81	82	140	1012
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
25 PSI	25 PSI		81	82	140	42.5	

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

vented

TEST WITNESSED BY

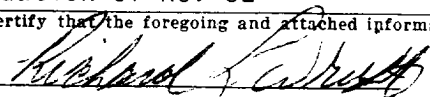
Charlie Williams

35. LIST OF ATTACHMENTS

Continuation of No. 32

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

SIGNED



TITLE

Division Oper. Supervisor

DATE

1/7/91

*(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; ANNUAL 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
Lower Brushy	7518	7628	DST #1 - No Cushion - 1H 3630# IF - 30 Min 1/8" chk, 5" wtr column ISI - 60 Min ISIP 3236 FF - 90 Min 1/8" chk 10# 1/4" chk 8# FSI 3 Hrs, FSIP 3280 FH 3674 RECOVERY: 1 B0 + 621' oil & gas cut mud	Rustler Delaware Cherry Canyon Brushy Canyon Bone Springs Wolfcamp Strawn Atoka Morrow	626 4148 5022 6356 7986 11,310 13,100 13,295 14,138	
2nd Bone Spring	9902	9985	DST #2 - No Cushion 1H - 4660 IF - 30 Min 1/8" chk 2 3/4# ISI - 60 Min ISIP - 996 FF - 60 Min 1/8" chk 1 1/2# FSI - 2 Hrs FSIP 1147 FH - 4660 RECOVERY: 398' formation wtr			