

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-24683

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal EBR

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Bootleg Ridge Morrow

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

Sec. 17, T-22-S, R-33-E

12. COUNTY OR
PARISH

Lea

13. STATE

New Mexico

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

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

At surface 1980' FSL & 660 FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

ROSWELL, NEW MEXICO

15. DATE SPUDDED

3/25/81

16. DATE T.D. REACHED

7/21/81

17. DATE COMPL. (Ready to prod.)

10/21/81

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

3601.5' GR, 3622.5' KDB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

15270'

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

14765'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

10-15270'

CABLE TOOLS

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

14039' - 14740' Morrow

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR CNL FDC, DLL, BHC, Dipmeter

27. WAS WELL CORED

Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		58'	26"	3 yards ready-mix cmt	
13 3/8"	54.5	740'	17 1/2"	730 sxs circ 200 sxs	
10 3/4"	40.5, 45.5, 51	4974'	12 1/4"	2200 sxs circ 200 sxs	
7 5/8"	26.4, 29.7	12114'	9 1/2"	1050 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	11737'	14813'	700		2 3/8	14002'	14002'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

14734'-14740' (6'-7' holes)
14432'-14434' (2'-3' holes)
14039'-14042' (3'-4' holes)
1 9/16" tbg gun 0.24" hole 1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14734'-14740'	300 gal acetic acid
14039'-14740'	4000 gal 7 1/2% Morrow Flo BC acid w/25% CO ₂ & 25 ball sealers

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10/21/81		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/31/81	4	5-8.5/64	→	0	88.7	0	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
4030-1910	pk _r	→	0	848	0	--	

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

Vented

TEST WITNESSED BY

Jarrel Wireline

35. LIST OF ATTACHMENTS

Electric Logs, DST, Core, Deviation Surveys, Mud Log, Pressure Build-up, NMOCC from C-122

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

SIGNED

TITLE Division Operation Manager

DATE November 19, 1981

*(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
Atoka Morrow	13741 13975	13750 TD	Cored interval 14556-14561 DST #1 interval 14558-14898 pkr failed DST #2 interval 14558-14898 IF Pressure 32 min 1853 ISI Pressure 1 hr 7221 FF Pressure 90 min 2204 FSI Pressure 240 min 7190 DST #1 & 2 both had 2500' water blanket DST #2 Recovered approximately 100' salt water. Pin sheared in reversing sub while coming out of hole and lost recovery.	Rustler Delaware Bone Springs Wolfcamp Strawn Atoka Morrow	926 4839 8677 11920 13625 13741	

SUPPLEMENT TO
COMPLETION REPORT

EBR FEDERAL NO. 1
Sec. 17, T-22-S, R-33-E
Lea County, N.M.

8/16/81 through 8/24/81	Ran retrievable pkr and BP. BP set @ 14754'. Spot Acetic Acid & set pkr at 14607'. Ran 1 9/16" tbg gun and perf 5" liner w/1SPF 14734'-740'. Acid w/300 gal Acetic Acid. Tested 700MCFD w/slight trace of condensate & 30 BLW on 20/64" CK FTP-300 psi.
8/25/81 through 9/16/81	Kill well. Reset BP @ 14680', pkr @ 14415'. Perf 5" liner w/ 1 9/16" tbg gun 1-JSPF 14525'-560'. Acid w/400 gal Acetic. Stabilized @ 159 MCFD & 100 BWPD on a 48/64" ck FTP 445 psi. Pull pkr & ret. BP. Set CIBP @ 14650'. Set 5" CMT ret. @ 14225'. SQ perf 14525'-560' w/150 sxs CL "H" cmt w/.6% Halad 22A, .3% CFR2 & 5# KCL. Final SQ press 6000 psi. CO cmt & ret to 14650'. Test SQ perf to 2000 psi, OK. Drill out CIBP and push to 14744'.
9/17/81 through 9/26/81	Ran ret pkr set @ 13881'. Perf 5" liner w/1 9/16" tbg gun 1-JSPF 14039'-42', 14432'-34'. Acid w/300 gal Acetic Acid. Perf 14734'-740', 14039'-42', and 14432'-34', tested 400 MCFD w/fine spray of water on 48/64" ck 100 psi FTP.
9/27/81 through 10/3/81	Acidize perf 14039'-42', 14432'-34', & 14734'-740' w/4000 gal 7½" Morrow Flo BC Acid w/25% CO ₂ @ 25 RCN ball sealers. Max press 7000 psi, min 6500 psi. AIR 2.2 BPM ISIP-4500. Swb & FL 95 BW w/show of gas (appears zone 14525'-560' which was sq, has broken down)
10/4/81 through 10/9/81	Kill well. Reset pkr @ 14649' to test perf 14734'-740' Zone stabilized @ 500 MCFD on 13/64" ck and 500 psi FTP.
10/10/81 through 10/21/81	Kill well. Pull pkr. Run 5" CIBP to 14650' run & set pkr @ 14474'. Pmp into perf 14525'-560' 2 BPM 5100 psi. Pull pkr. Ran cmt ret & set @ 14468'. SQ perf 14525'-60' w/150 sxs CL "H" w/.6% Halad 22A, .3% CFR-2 & 5# KCL. POH w/tbg. R tbg & pkr. Pkr set @ 13975' to test perf 14039'-14434'. Swb no fluid w/slight gas show. Pull pkr. CO cmt to 14648'. Test SQ perf 14525'-60' to 1000 psi. OK. Drl out CIBP @ 14648'. Push junk to 14765'. POH tbg.
10/22/81	R tbg @ ret prod pkr. Pkr set @ 14002'. Prep to test & potential perf 14039'-42', 14432'-34' & 14734'-40'.
10/31/81	Potentialled. 10/31/81.