

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 15433

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

N.E. Loving

8. FARM OR LEASE NAME

NEL

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Loving North Canyon

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

Sec 9, T-23-S, R-28-E

12. COUNTY OR
PARISH

Eddy

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 1880' FWL & 760' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

4-27-81

15. DATE SPUDDED

5/11/81

16. DATE T.D. REACHED

5/27/81

17. DATE COMPL. (Ready to prod.)

8/1/81

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

GR-3046.4, RKB-3055.4

19. ELEV. CASINGHEAD

3047

20. TOTAL DEPTH, MD & TVD

4300

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

3980

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

ROTARY TOOLS

0-4300

CABLE TOOLS

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

3648, 3670, Cherry Canyon

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Borehole Compensated Sonic Log & Dual Laterlog Micro-SFL

27. WAS WELL CORED

Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	440	12 1/4	350 sx C1 C w/2% CaCl ₂	
5 1/2	14	4030	7 7/8	575 sx Halliburton Light w/ 8# salt, 1/4# Flocele, 0.3% CFR-2 & 350 sx 50-50 Poz, 1/4# Flocele, 0.3% CFR-2	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3762	

31. PERFORATION RECORD (Interval, size and number)

3648-3660, 0.4", and 26
3662-3670, 0.4", and 18

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3648 - 3670	2000 gal Western's 7 1/2" HCL Spearhead Acid w/2 gal/1000 of Claymaster (Clay Stabilizer)

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
6/22/81		FLW					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
8/1/81	21.8	3/4	→	66.8	26	0	434	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
42		→	74.57	29	0	41.6		

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

Vented

TEST WITNESSED BY

Teffteller Inc.

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD
ROGER A. CHAPMAN

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

SIGNED

Jim Perry

TITLE

Division Engineer

DATE

8/31/81

*(See Instructions and Spaces for Additional Data on Reverse Side)

ROSWELL, NEW MEXICO

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	TOP	TRUE VERT. DEPTH
Cherry Canyon	3698	3758	Sd - oil prospective	Triassic Red Bed	580		
Cherry Canyon	3698	3758	Core #1 Sd & Sh	Rustler	1028		
Cherry Canyon	3820	3880	Core #2 Sd	Del Ls	2572		
Cherry Canyon	3534	3691	DST #1 no fluid cushion. Tool open 30 min - IFP 46-79 PSI ISI 60 min - ISIP 1775 Tool open 60 min - tool stuck FSI 180 min - FSIP 1799 PSI No fluid recovered.	Bell Can Sd Cherry Canyon	2595 3559		