

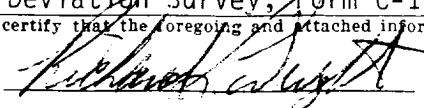
UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other _____	5. LEASE DESIGNATION AND SERIAL NO. NM-62590	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR Pogo Producing Company						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 10340, Midland, Texas 79702-7340 915-682-6822						7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FNL & 2230' FEL, Section 26, T-22-S, R-31-E At top prod. interval reported below same At total depth same						8. FARM OR LEASE NAME Federal 26	
14. PERMIT NO.						9. WELL NO. 5	
DATE ISSUED 10-09-91						10. FIELD AND POOL, OR WILDCAT Livingston Ridge, Delaware	
12. COUNTY OR PARISH Eddy						13. STATE New Mexico	
15. DATE SPUDDED 12-03-91		16. DATE T.D. REACHED 12-19-91		17. DATE COMPL. (Ready to prod.) 01-10-92		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3571.5 GR	
19. ELEV. CASINGHEAD 3571 GR		20. TOTAL DEPTH, MD & TVD 8475'		21. PLUG, BACK T.D., MD & TVD 8436'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-8475'		CABLE TOOLS --		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7024'-7044', Delaware, TVD/MD	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN SDL, DSN, DILL, 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 PULLED		
13-3/8"	54.50#	820'	17-1/2"	1025 sx-Circ 250 sx			
8-5/8"	24# & 32#	4335'	11"	1675 sx-Circ 426 sx			
5-1/2"	15.5# & 17#	8475'	7-7/8"	1st Stg-700 sx-Circ 237 sx			
				2nd Stg-730 sx-TQC 2346,	DV Tool @ 6216'		
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"	7075'	None
31. PERFORATION RECORD (Interval, size and number) 7024'-7044', 20', 40 holes, 0.52" Dia.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED						
7024'-7044'	1500 gal 15% NEFE Hcl						
7024'-7044'	Frac 25,000 gal Gel + 38,125 lb. 20/40 sand						
33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)		
01-10-92	Pumping - 1-1/2" X 2-1/2" X 26-5, RHBC				Producing		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
01-13-92	24	--	→	107	35	77	327-1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
--	50	→	107	35	77	39.8	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold				TEST WITNESSED BY			
35. LIST OF ATTACHMENTS Logs, Deviation Survey, Form C-104, Forms 3160-5, Form 3162							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED 				TITLE Division Operations Supt.		DATE Jan. 16, 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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Basal Anhydrite	4203'	Log
				Lamar	4465'	Log
				Bell Canyon	4520'	Log
				Cherry Canyon	5345'	Log
				Brushy Canyon	6544'	Log
				Bone Spring	8320'	