

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. USA NM 34461				
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐					6. IF INDIAN, ALLOTTEE OR TRIBE NAME				
2. NAME OF OPERATOR Fred Pool Operating Company					7. UNIT AGREEMENT NAME JAN 19 1984				
3. ADDRESS OF OPERATOR Post Office Box 1393, Roswell, New Mexico 88201					8. FARM OR LEASE NAME O. C. D. ARTESIA, OFFICE				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FNL & 2310' FEL, B, NW NE At top prod. interval reported below Same At total depth Same					9. WELL NO. #1				
14. PERMIT NO. N/A					DATE ISSUED 9/6/83				
15. DATE SPUDDED 9/9/83					16. DATE T.D. REACHED 9/16/83				
17. DATE COMPL. (Ready to prod.) 1/1/84					18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3509 GR				
19. ELEV. CASINGHEAD 3509					10. FIELD AND POOL, OR WILDCAT Loco Hills-QN/GRBG/SA				
20. TOTAL DEPTH, MD & TVD 3105					21. PLUG, BACK T.D., MD & TVD 3065				
22. IF MULTIPLE COMPL., HOW MANY*					23. INTERVALS DRILLED BY 10-TD				
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3004-12, Lovington Sand 2254-2362, Queen 2650-96, Grayburg 1816-52, 7-Rivers					25. WAS DIRECTIONAL SURVEY MADE No				
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-LDT, DLL-MSFL, ACE					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	
8 5/8"		24		360		12 1/4"		350sx "C", 2% CaCl	
5 1/2"		14		3105		7 7/8"		700 sx "HLC" & 575sx "C"	
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
2 3/8"		2614		None					
31. PERFORATION RECORD (Interval, size and number) 1816-1852, .49", 13 shots 2254-2362, .49", 15 shots 2650-2696, .49", 12 shots 3004-3012, .49", 17 shots					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
					DEPTH INTERVAL (MD)				
					1816-1852				
					2254-2362				
					2650-2696				
					3004-3012				
					AMOUNT AND KIND OF MATERIAL USED				
					2000 gal ACID; 12,500 gal; 14,000# Sand				
					2000 gal ACID; 20,000 gal; 24,000# Sand				
					2000 gal ACID; 20,000 gal; 22,000# Sand				
					1000 gal ACID; 12,000 gal; 14,000# Sand				
33.* PRODUCTION									
DATE FIRST PRODUCTION 1/1/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping							
DATE OF TEST 1/2/84		HOURS TESTED 24		CHOKE SIZE -		PROD'N. FOR TEST PERIOD →		OIL—BBL. 42	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL—BBL. 22		GAS—MCF. TSTM	
								WATER—BBL. 38	
								OIL GRAVITY-API (CORR.) 27°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented									
35. LIST OF ATTACHMENTS Electric Logs (CNL-LDT, DLL-MSFL, ACE, Sample Log), Deviation Survey									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED Fred F. Pool III		TITLE Petroleum Engineer						DATE 1/17/84	

*(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
7-Rivers	1817	1852	Oil & Water, Trace of Gas	Base Salt	860'	860'
Queen	2254	2362	Oil & Water, Trace of Gas	7-Rivers	1396'	1396'
Grayburg (Metex)	2650	2696	Oil & Water	Queen	2021'	2021'
(Premier)	2770	2796	Water	Grayburg	2364'	2364'
San Andres (Lovington Sand)	3004	3012	Oil & Water	San Andres	2850'	2850'