

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ Other		5. LEASE DESIGNATION AND SERIAL NO. NM 42410	
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 Drilling, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. box 1393 Roswell, N.M. 88201		8. FARM OR LEASE NAME White Oak Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements) At surface 2310 FSL 2355 FEL NW/4 SE/4 At top prod. interval reported below At total depth		9. WELL NO. 2	
14. PERMIT NO. 30-015-00874		10. FIELD AND POOL, OR WILDCAT Artesia Oil Pool	
15. DATE SPUDDED 1-4-86		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 12-18S-27E	
16. DATE T.D. REACHED 1-25-86		12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.) 1-31-86		13. STATE N.M.	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3617 Gr		14. COUNTY OR PARISH Eddy	
19. ELEV. CASINGHEAD 3617		15. STATE N.M.	
20. TOTAL DEPTH, MD & TVD 1604 ft.		21. PLUG, BACK T.D., MD & TVD 1577	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1500 ft. - 1518 ft. Penrose		25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN Densilog Neutron		27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8	24#	368 ft.	12 1/2
5 1/2	15.5#	1604 ft.	8"
CEMENTING RECORD		AMOUNT PULLED	
300 sx C12% CaCl		-	
250sx HCL:150 sx		-	
50/50 poz		-	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8	1473	none	
31. PERFORATION RECORD (Interval, size and number)			
1500-1518 ft. 37 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
1500-1518		500 gal 15% NEFE acid;	
		30,000 gal gelled water,	
		20,000# 20/40 sand, 20,000#	
		12/20 sand.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1-31-86	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pumping		WELL STATUS (Producing or shut-in) producing
DATE OF TEST 2-5-86	HOURS TESTED 24hrs.	CHOKE SIZE none	PROD'N. FOR TEST PERIOD 10
FLOW. TUBING PRESS. 15#	CASING PRESSURE 15#	CALCULATED 24-HOUR RATE 10	GAS—MCF. TSTM
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) flared		TEST WITNESSED BY Fred Pool, III	
35. LIST OF ATTACHMENTS Densilog Neutron logs.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Fred T. Pool, III		DATE 2-10-86	

*(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Penrose	1500	1518	Penrose sand, oil	Queen	1375	1375
				Penrose	1500	1500