

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 080724-A	
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 Union Texas Petroleum Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 808, Farmington, New Mexico 87499		8. FARM OR LEASE NAME Zachry	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 825 ft./South; 1980 ft./East lines At top prod. interval reported below Same as above At total depth Same as above		9. WELL NO. 45	
14. PERMIT NO. DATE ISSUED		10. FIELD AND POOL, OR WILDCAT Armenta Gallup	
15. DATE SPUDDED 4-21-83		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T-29N, R-10W, N.M.P.M.	
16. DATE T.D. REACHED 4-29-83		12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 5-5-83		13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5789 R.K.B.		19. ELEV. CASINGHEAD 5775 G.R.	
20. TOTAL DEPTH, MD & TVD 6130		21. PLUG, BACK T.D., MD & TVD 6080	
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)* 5406-5862 Upper Gallup 5928-6080 Lower Gallup		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL, GR, CDL & CNL to 5391' GR-IES, GR-FDC, & Temp.		27. WAS WELL CORRED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8"	36.00#	308	12-1/4"
7"	23.0#	5416	8-3/4"
4-1/2"	11.60#	5224-6130	6-1/4"
(See Reverse)			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4-1/2"	5224	6130	186 cu ft
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	5934		
31. PERFORATION RECORD (Interval, size and number)			
5928-6080 17-0.27" holes			
5406-5862 28-0.24" holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5928-6080		2200 gals 15% HCL; 113,494 gals 75 quality foam & 92,500# sand	
5406-5862		3400 gals 15% HCL; 169,563 gals 75 quality foam & 214,000# sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 5-26-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 6-8-83	HOURS TESTED 24	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →
OIL—BBL. 3	GAS—MCF. 76	WATER—BBL. 0	GAS-OIL RATIO 25,333
FLOW. TUBING PRES. 40	CASING PRESSURE 259	CALCULATED 24-HOUR RATE →	OIL GRAVITY-API (CORR.) 40°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED W. K. Cooper		TITLE Field Operations Manager	
DATE 9-1-83		DATE 9-1-83	

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

FARMINGTON RESERVOIR AREA
FARMINGTON, NEW MEXICOBY Sm

NMOCC

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.)

Item 28: Cement surface casing with 325 cu ft C1 B w/3% CaCl₂ and 1/4# Flocele per sack.

Cement 7" casing 1st stage with 1335 cu ft 65-35 Poz with 12% gel, 12-1/4# Gilsonite and 1/4# Flocele

per sack followed by 118 cu. ft. C1 B w/2% CaCl₂. Cement 2nd stage with 1378 cu ft 65-35 Poz w/12% gel,

12-1/4# Gilsonite and 1/4# Flocele per sack followed by 118 cu ft C1 B with 2% CaCl₂.

Cement 4-1/2" casing with 186 cu ft 50-50 Poz w/2% gel, 0.5% Dispersant, 10# salt & 1/4# Cellophane flakes

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.	TOP		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	770	
				Kirtland	977	
				Fruitland	1670	
				Pictured Cliffs	1972	
				Lewis	2080	
				Chacra	2570	
				Cliff House	3600	
				Point Lookout	4290	
				Mancos	4610	
				Gallup	5406	

38.

GEOLOGIC MARKERS per sack.