

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 020982					
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/>		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 1290, Farmington, New Mexico 87499		8. FARM OR LEASE NAME Mangum					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1707 FNL; 380 FWL At top prod. interval reported below Same as above At total depth Same as above		9. WELL NO. 12					
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Undesignated Gallup					
DATE ISSUED		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T29N, R10W, N.M.P.M.					
15. DATE SPUDDED 12/19/84		12. COUNTY OR PARISH San Juan					
16. DATE T.D. REACHED 12/27/84		13. STATE New Mexico					
17. DATE COMPL. (Ready to prod.) 4-4-85		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5543 R.K.B.					
19. ELEV. CASINGHEAD 5531		20. TOTAL DEPTH, MD & TVD 5810 MD & TVD					
21. PLUG BACK T.D., MD & TVD 5766 MD & TVD		22. IF MULTIPLE COMPL., HOW MANY* NA					
23. INTERVALS DRILLED BY ROTARY TOOLS 0-5810 CABLE TOOLS NA		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5214 - 5645 Gallup (MD & TVD)					
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, CDL, GR, CBL					
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.					
8-5/8"		24.00					
4-1/2"		10.50					
DEPTH SET (MD)		HOLE SIZE					
329		12-1/4"					
5810		7-7/8"					
CEMENTING RECORD		AMOUNT PULLED					
See Supplement							
See Supplement							
29. LINER RECORD		30. TUBING RECORD					
SIZE		TOP (MD)					
		BOTTOM (MD)					
SACKS CEMENT*		SCREEN (MD)					
		SIZE					
		DEPTH SET (MD)					
		PACKER SET (MD)					
2-3/8" E		U.E. 5502					
31. PERFORATION RECORD (Interval, size and number) 5214, 22, 30, 38, 46, 54, 62, 70, 78, 92, 5322, 26, 30, 40, 60, 80, 92, 5404, 14, 45, 53, 61, 69, 79, 97, 5509, 22, 30, 38, 46, 54, 80, 94, 5610, 22, 33, 45. (Total of 37 - 0.32" holes)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 5214 - 5645 AMOUNT AND KIND OF MATERIAL USED 2568 gal. of 15% HCl, 200,000 lb. of 20-40 sand, and 156,000 gal. of 20 lb. cross linked gel.					
33. PRODUCTION		DATE FIRST PRODUCTION 4-4-85		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4/9/85		HOURS TESTED 24		CHOKE SIZE 1"		PROD'N. FOR TEST PERIOD →	
OIL—BBL. 27		GAS—MCF. 380		WATER—BBL. 16		GAS-OIL RATIO 14074	
FLOW. TUBING PRESS. 230		CASING PRESSURE 475		CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.) 40°	
OIL—BBL. 27		GAS—MCF. 380		WATER—BBL. 16		TEST WELL Bennie Brown	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		35. LIST OF ATTACHMENTS Item No. 28 Cementing Record		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.		FARMINGTON NEIGHBORHOOD AREA APR 10 1985 4/10/85	
SIGNED Kenneth E. Roddy		TITLE Area Production Superintendent		NMOcc			

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

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	TC
				Ojo Alamo Kirtland Pictured Cliffs Chacra Cliff House Point Lookout Gallup	405 522 1608 2580 3165 3985 5208	

Union Texas Petroleum Corporation  
Mangum No. 12  
1707 FNL; 380 FWL  
Sec. 33, T29N, R11W  
San Juan County, New Mexico

SUPPLEMENT TO COMPLETION REPORT

Item No. 28 - Cementing Record

8-5/8" Casing: 295 cu. ft. of class "B" with 2% calcium chloride and 1/4 lb. of Flocele per sack. Cement circulated to the surface.  
4-1/2" Casing: Stage collar was set at 2893 ft. Cemented first stage with 1224 cu. ft. of 50-50 pozmix with 2% gel and 10 lb. of gilsonite per sack, followed by 129 cu. ft. of 50-50 pozmix with 2% gel, 0.6% FLA, and 10 lb. of salt per sack. Cemented second stage with 1355 cu. ft. of 65-35 pozmix with 4% gel, and 12-1/4 lb. of gilsonite per sack, followed by 138 cu. ft. of class "B" with 2% calcium chloride and 2% gel, Cement circulated to the surface on the second stage.