

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

2. NAME OF OPERATOR
Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR
375 US Highway 64, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

At top prod. interval reported below
900' ENL & 1715' FWL

At total depth

RECEIVED

FEB 23 1987

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.

NM-014023

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

ERNEST

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Escrito Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 27, T24N-R7W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 11/28/86 16. DATE T.D. REACHED 12/05/86 17. DATE COMPL. (Ready to prod.) 12/21/86 18. ELEVATIONS (DP, RNB, RT, GR, ETC.)* 6813 GL, 6825 KB 19. ELEV. CASINGHEAD 6814

20. TOTAL DEPTH, MD & TVD 5775 KB 21. PLUG, BACK T.D., MD & TVD 5737 KB 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY ROTARY TOOLS 0-5775 CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5384-5487 gross Gallup 5549-5657 gross 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-SFL-GR, FDC-CNT 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
8-5/8	24	308	12-1/4	See attached	
4-1/2	10.5	5775	7-7/8	See attached	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-3/8	5650	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	SIZE	INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See attached		See attached	

33.* PRODUCTION
DATE FIRST PRODUCTION 1-24-87 12/21/86 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 2/16/87 HOURS TESTED 24 CHOKES SIZE 0.25 PROD'N. FOR TEST PERIOD 18 OIL—BSL. 18 GAS—MCF. 65 WATER—BSL. 1.5 GAS-OIL RATIO 3611:1
FLOW. TUBING PRESS. CASING PRESSURE 188 CALCULATED 24-HOUR RATE 18 GAS—MCF. 65 WATER—BSL. 1.5 OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented 35. LIST OF ATTACHMENTS Cementing, Perforation and Stimulation Records

36. I hereby certify that the foregoing and attached information is complete and correct and was obtained from all available records

SIGNED Robert C. Frank TITLE Permit Coordinator DATE February 19, 1987

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1402	
Kirtland	1525	
Pictured Cliffs	2058	
Lewis	2161	
Cliffhouse	3600	
Point Lookout	4358	
Mancos	4597	
Gallup	5012	

Section 28, Cementing Record

Surface Casing: 225 sxs (266 cu.ft.) Class "B" containing 2% CaCl₂.
Circulate 17 bbls (95 cu.ft.) of cement to surface.

Production Casing 1st Stage: 610 sxs (958 cu.ft.) 50/50 POZ containing
4% gel, 6-1/4# gilsonite/sk and 10# salt/sk.
DV tool at 3409'. Open DV tool and circulate 17 bbls
(95 cu.ft.) of cement to surface.
2nd Stage: 400 sxs (1148 cu.ft.) 65/35 POZ containing
12% gel and 12-1/2# gilsonite/sk. Circulate 26 bbls
(146 cu.ft.) of cement to surface.

Section 31, Perforation Record

Total 14 - 0.32" holes, 1 spf @ 5549', 51', 90', 93', 96', 99',
5602', 05', 08', 11', 14', 30', 40', 57'.
Total 17 - 0.32" holes, 1 spf @ 5384', 5406', 10', 14', 18',
22', 26', 30', 58', 61', 64', 67', 70', 78', 81', 84', 87'.
Total 17 - 0.32" holes, 1 spf, reperforate @ 5384', 5406',
10', 14', 18', 22', 26', 30', 58', 61', 64', 67', 70', 78', 81', 84', 87'.

Section 32, Stimulation Record

5549'-5657' Acidize: 100 gals 7-1/2% HCL
Acidize: 750 gals 15% HCL and 28 - 7/8" ball sealers.
Frac: 143,000# 20/40 sand in 133,000 gals 20#
crosslink 2% KCL gel water.

5384'-5487' Acidize: 100 gals 7-1/2% HCL
Acidize: 850 gals 15% HCL and 34 - 7/8" ball sealers.
Frac: 20,500# 12/20 sand in 50,500 gals 25% crosslink
2% KCl gel water. Screen out.

Acidize: 250 gals 7-1/2% HCL
Acidize: 1500 gals 15% HCL and 68 - 7/8" ball sealers.
Frac: 73,400# 12/20 sand and 83,400 gals 25# crosslink
2% KCl gel water. Screen out.