

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-R355.5.(See other in-
structions on
reverse side)

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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR

P.O. Box 1290, Farmington, New Mexico 87499

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

At surface 1994' FSL; 2306' FWL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO. BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA5. LEASE DESIGNATION AND SERIAL NO.
NM 020982

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mangum

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

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

Section 33, T29N-R11W NMPM

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

15. DATE SPEDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

8-9-83 8-16-83 8-27-83 5519' RKB 5507' GR

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL.,
HOW MANY* 23. INTERVALS
DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL
SURVEY MADE

6100' 6054' 0-6100' No

6010'-5952' Greenhorn

5706'-5202' Gallup

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR, CDL-CNL-GR

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"	24.0	314'	12-1/4"	325 cu.ft.	
4-1/2"	11.6	6100'	7-7/8"	3334 cu.ft. (2stage)	
				See Attachment	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5996'	

31. PERFORATION RECORD (Interval, size and number)

6010'-5952' 30 Shots

5706'-5202' 41 Shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6010'-5952'	See Attached
5706'-5202'	See Attached

33.* PRODUCTION

DATE FIRST PRODUCTION 11-18-83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 11-28-83 HOURS TESTED 24 CHOKE SIZE 1-1/2" PROD'N. FOR TEST PERIOD OIL—BBL. 53 GAS—MCF. 589 WATER—BBL. 6 GAS-OIL RATIO 11,113

FLOW. TUBING PRESS. 40 CASING PRESSURE 150 CALCULATED 24-HOUR RATE OIL—BBL. 53 GAS—MCF. 589 WATER—BBL. 6 OIL GRAVITY-API (CORR.) 41°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

John Rector

35. LIST OF ATTACHMENTS

Cement and Stimulation Records

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

SIGNED

J. A. Edmister

TITLE

Engineering Analyst

DATE

December 6, 1983

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

FARMINGTON RESOURCE AREA

BY

Jmm

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 both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number 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 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 and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. 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 the 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 other 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 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, adequate 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.

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	
				Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Point Lookout Mancos Gallup Greenhorn	370 540 1110 1600 1690 2135 3110 3940 4310 5190 5850	

December 6, 1983

Item 28 Cementing Record

Cemented 8-5/8" with 325 cu.ft. C1 B w/2% CaCl_2 .

Cemented 4-1/2" 1st stage with 1100 cu.ft. 65-35 POZ w/12% gel, 12-1/2# Gilsonite, and 1/4# Flocele per sack followed by 576 cu.ft. 50-50 POZ w/2% gel, 1/4# Flocele, 0.6% FLA and 10# salt per sack. Cemented 2nd stage with 1540 cu.ft. 65-35 POZ w/12% gel, 12-1/2# Gilsonite, and 1/4# Flocele per sack followed by 118 cu.ft. C1 B w/2% CaCl_2 .

Item 32 Stimulation Record

Perfs	6010'-5952'	Break down and acidize with 1500 gallons 15% HCl, 6000 gallons Super X-L emulsified acid, 6000 gallons 30# X-L gel, and 1000 SCF/bbl N_2 .
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Perfs	5706'-5202'	Break down and acidize with 2500 gallons 15% HCl. Fracture with 412,600 gallons 70 quality foam and 340,000# sand.
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