

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.

5. 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.

6

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

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

Section 28, T29N-R11W NMPM

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

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 411' FSL; 1650' FEL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMITS
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPURRED 6-9-83 16. DATE T.D. REACHED 6-19-83 17. DATE COMPL. (Ready to prod.) 6-24-83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5536' RKB 19. ELEV. CASINGHEAD 5524' GR

20. TOTAL DEPTH, MD & TVD 6130' 21. PLUG, BACK T.D., MD & TVD 6085' 22. IF MULTIPLE COMPL., HOW MANY* → 23. INTERVALS DRILLED BY 0-6130' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5895'-5259' Gallup

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IEL-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	310'	12 1/2"	295 cu.ft.	
5 1/2"	15.5	6129'	7-7/8"	3511 cu.ft. (3 stage)	
				(See Attachment)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5686'	

31. PERFORATION RECORD (Interval, size and number)

5895'-5259' 38 Shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5895'-5259'	See Attachment

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11-18-83		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
11-28-83	24	1½"	→	30	510	4	17,000	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
139	285	→	30	510	4	41°		

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

Sold

TEST WITNESSED BY

Johr Rector

35. LIST OF ATTACHMENTS

Cementing 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

DEC 12 1983

December 6, 1983

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

FARMINGTON RESOURCE AREA

BY

Smm

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:				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
					TOP
					MEAS. DEPTH
					TRUE VERT. DEPTH
				Ojo Alamo	315
				Kirtland	520
				Fruitland	1150
				Pictured Cliffs	1630
				Lewis	1700
				Chacra	2250
				Cliff House	3200
				Point Lookout	4000
				Mancos	4350
				Gallup	5235

Union Texas Petroleum

P. O. Box 1290
Farmington, N.M. 87499
(505) 325-3587

December 6, 1983

Mangum No. 6
Section 28, T28N-R11W
San Juan County, New Mexico

Item 28 Cementing Record

Cemented 8-5/8" with 295 cu.ft. Cl B w/3% CaCl_2 and 1/4# Flocele per sack.

Cemented 5-1/2" 1st stage with 768 cu.ft. 50-50 POZ with 2% gel, 0.6% FLA, 1/4# Flocele and 10# salt per sack. Cemented 2nd stage with 1072 cu.ft. 65-35 POZ w/6% gel and 10# Gilsonite per sack followed by 118 cu.ft. Cl B w/2% CaCl_2 . Cemented 3rd stage with 1435 cu.ft. 65-35 POZ w/12% gel and 12-1/2# Gilsonite per sack followed by 118 cu.ft. Cl B w/2% CaCl_2 .

Item 32 Stimulation Record

Perfs 5895'-5259' Break down and acidize with 4500 gallons 15% HCl.

Fracture with 231,060 gallons 70 quality foam and
250,500 # sand.