

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.

SF 080724-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Zachry

9. WELL NO.

31

10. FIELD AND POOL, OR WILDCAT

Armenta Gallup Ext.

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec. 33, T29N, R10W,
N.M.P.M.12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

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 808, Farmington, New Mexico 87499

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

At surface 1980 ft./S; 650 ft./E line

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12/7/82

16. DATE T.D. REACHED

12/16/82

17. DATE COMPL. (Ready to prod.)

1/3/83

18. ELEVATIONS (DF, REB, ET, GR, ETC.)*

5722 R.K.B.

19. ELEV. CASINGHEAD

5710

20. TOTAL DEPTH, MD & TVD

6044 MD & TVD

21. PLUG, BACK T.D., MD & TVD

6001 MD & TVD

22. IF MULTIPLE COMPLETIONS, HOW MANY*

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

5476 - 5990 Gallup (MD & TVD)

26. TYPE ELECTRIC AND OTHER LOGS RUN

Temp., D.I.L., C.N.D.L.

OIL CON. DIV.

DIST. 3

27. WAS WELL CORED

No

24. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.50#	315	14-3/4"	See Reverse Side	
7-5/8"	26.40#	5394	9-7/8"	See Reverse Side	
5-1/2"	15.50#	5246 - 6044	6-3/4"	See Reverse Side	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2", 15.50#	5246	6044			2-3/8"E.U.E.	5913	

31. PERFORATION RECORD (Interval, size and number)

See Attachment

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attachment	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1/5/83		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
2/11/83	24	3/4"	→	55	181	0	3290	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
30	310	→	55	181	0	40°		

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

Sold

TEST WITNESSED BY

Bennie Brown

35. LIST OF ATTACHMENTS

Perforation and Fracture Record

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

SIGNED

Kenneth E. Roddy
Kenneth E. Roddy

TITLE Area Production Supt.

DATE Feb. 15, 1983

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

NMOC

FARMINGTON DISTRICT

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: 10-3/4" Casing: Cemented with 271 cu. ft. of class "B" with 2% CaCl₂.

7-5/8" Casing: First Stage cemented with 1691 cu. ft. of 65-35 Pozmix with 12% gel, 1/4 lb. of Cello flakes,

12 lb. of gilsonite per sack, and 117 cu. ft. of class "B" with 2% CaCl₂. Second Stage cement with 1190 cu. ft.

of 65-35 Pozmix with 12% gel, 1/4 lb. Cello flakes, 12 lb. of Gilsonite per sack and 117 cu. ft. of Class "B"

with 2% CaCl₂.

5-1/2" Casing: Cemented with 210 cu. ft. of 50-50 Pozmix with 2% gel, 0.6% F.L.A., 1/4 lb. of Flocele per sack,

and 10 lb. of Salt per sack.

38. GEOLOGIC MARKERS

37. SUMMARY OF POROSITY ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING
DEPTH INTERVAL TESTED, CUSHION LIFTED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	908	
				Kirtland	966	
				Fruitland	1685	
				Pictured Cliffs	1955	
				Chacra	2535	
				Cliff House	3525	
				Point Lookout	4228	
				Gallup	5475	

Union Texas Petroleum Corporation
Zachry No. 31
1980 ft./S; 650 ft./E line
Sec. 33, T29N, R10W

Item No. 31 + No. 32
Perforation and Fracture Record

Lower Gallup

Perforations: 5866, 71, 76, 81, 86, 92, 96, 5900, 06, 11, 20, 28, 33, 42,
48, 53, 64, 71, 80, 84, 90 (Total of 21 - 0.38" holes)
Frac'd. with 86,000 gallons of 75 quality foam, 76,000 lb. 20-40 sand.

Middle Gallup

Perforations: 5692, 96, 5701, 05, 12, 17, 21, 28, 34, 40, 46, 49, 52, 61,
64, 70, 75, 78, 84, 88, 94, 99, 5805, 10, 14, 21, 25, 30
(Total of 28 - 0.38" holes)
Spotted 4 bbl. of 7-1/2% HCl across perforations
Acidized with 1500 gallons of 7-1/2% HCl and ball sealers.
Frac'd. middle Gallup with 83,850 gallons of 75 quality foam with 85,000 lb. of
20-40 radio-active sand.

Upper Gallup

Perforations: 5650, 45, 39, 33, 26, 20, 12, 05, 5600, 5595, 92, 87, 80, 74,
68, 59, 54, 51, 46, 38, 30, 18, 13, 06, 5500, 5494, 86, 82, 76
(Total of 29 - 0.38" holes)
Frac'd. upper Gallup with 94,600 gallons of 75 quality foam and 100,000 lb. of
20-40 sand.