

OIL CONSERVATION DIVISION

Deviation Tabulation Report

UNION TEXAS PETROLEUM CORP.		Congress No. 16		34	29N	11W
Operator		Well Name	No.	Sec.	Twp.	Rge.
Depth	Deviation	Depth	Deviation	Depth	Deviation	
138	1/2°	2628	1/2°	4981	1/2°	
309	1/4°	3122	1/2°	5337	3/4°	
791	1/2°	3611	1°	5426	3/4°	
1280	1/2°	4102	1°	5614	1°	
1620	1/2°	4345	1/2°	6183	1-1/4°	
2110	3/4°	4872	1/2°			

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JUL 29 1983
OIL CON. DIV.
DIST. 3

W. K. Cooper
Field Operations Manager

STATE OF NEW MEXICO)
) ss
COUNTY OF SAN JUAN)

On this 25th day of July, 19 83, before as personally appeared W. K. Cooper, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have set my hand and seal of office on this 25th day of July, 19 83.

Betty J. Stewart
Notary Public in and for
San Juan County, New Mexico

My Commission Expires:

August 25, 1984

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.

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						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 808, Farmington, N.M. 87499						8. FARM OR LEASE NAME Congress	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660 ft./North; 660 ft./East At top prod. interval reported below Same as above At total depth Same as above						9. WELL NO. 16	
10. FIELD AND POOL, OR WILDCAT Undesignated Gallup						11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 34, T-29N, R-11W, N.M.P.M.	
14. PERMIT NO. DATE ISSUED BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA						12. COUNTY OR PARISH San Juan	
						13. STATE New Mexico	
15. DATE SPUDDED 5-7-83	16. DATE T.D. REACHED 5-24-83	17. DATE COMPL. (Ready to prod.) 6-8-83	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5609' R.K.B.		19. ELEV. CASINGHEAD 5595' G.R.		
20. TOTAL DEPTH, MD & TVD 6200'	21. PLUG, BACK T.D., MD & TVD 6160'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-6200'	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6086'-6148' Greenhorn 5764'-5916' Lower Gallup 5328'-5688' Upper Gallup					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN CDL-CNL-GR, DIL-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	
9-5/8"	36.00#	306'	13-1/2"	220 cu. ft.			
7"	23.00#	5200'	8-3/4"	2962 cu. ft. 2 stages			
4-1/2"	11.60#	5016-6200'	6-1/4"	283 cu. ft.			
				See Reverse			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	5016'	6200'	283 cu. ft.		2-3/8"	6090'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6086'-6148' 25-0.33" holes 5764'-5916' 16-0.31" holes 5328'-5688' 24-0.31" holes				DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED See Attached			
33. PRODUCTION							
DATE FIRST PRODUCTION 6-22-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Pumping		
DATE OF TEST 7-4-83	HOURS TESTED 24	CHOKE SIZE 1-1/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 20	GAS—MCF. 262	WATER—BBL. 3	GAS-OIL RATIO 13,100
FLOW. TUBING PRESS. 40	CASING PRESSURE 139	CALCULATED 24-HOUR RATE →	OIL—BBL. 20	GAS—MCF. 262	WATER—BBL. 3	OIL GRAVITY-API (CORR.) 42°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Bonnie Brown	
35. LIST OF ATTACHMENTS Stimulation of perforated intervals						ACCEPTED FOR RECORD	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						SEP 12 1983	
SIGNED J. A. Edmister		TITLE Engineering Analyst		DATE 9-6-83			

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

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

RV

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:

Cemented 9-5/8" with 220 cu. ft. Cl B w/3% CaCl₂ and 1/4# Flocele per sack.
Cemented 7" 1st stage with 1578 cu. ft. 65-35 Poz w/12% gel, 12-1/4# Gilsonite and 1/4# Flocele per sack
Followed by 118 cu. ft. Cl B w/2% CaCl₂ and 1/4# Flocele per sack. Cemented 2nd stage with 1148 cu. ft.
65-35 Poz w/12% gel, 12-1/4# Gilsonite and 1/4# Flocele per sack followed by 118 cu. ft. Cl B w/2% CaCl₂ & 1/4# Flocele per sack. Cemented 4-1/2" w/283 cu. ft. 50-50 Poz w/2% gel, 0.6% FLA, 1/4# Flocele & 10# salt per sack.

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	TRUE VERT. DEPTH
				Ojo Alamo	520	
				Kirtland	720	
				Fruitland	1450	
				Pictured Cliffs	1750	
				Lewis	1810	
				Chacra	2340	
				Cliff House	3330	
				Point Lookout	4080	
				Mancos	4300	
				Gallup	5318	

Congress No. 16
Sec. 34, T29N, R11W, N.M.P.M.
San Juan County, New Mexico

Item 32 Stimulation of Perforated Intervals

Greenhorn Perfs from 6086'-6148' - 25-0.33" holes

Break down and acidize with 10,000 gallons 15% HCL. Fracture well with 2000 gallons 40# gel KCL water, 10,000 gallons 40# gel 20% HCL and 1000 gallons 40# gel with 500# rock salt.

Lower Gallup Perfs from 5764'-5916' 16-0.31" holes

Breakdown and acidize with 4000 gallons 15% HCL. Fracture well with 82,960 gallons 75 quality foam and 70,000# sand.

Upper Gallup Perfs from 5328'-5688' 24-0.31" holes

Breakdown and acidize with 3000 gallons 15% HCL. Fracture well with 161,640 gallons 75 quality foam and 180,000# sand.

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SEP 13 1983

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DIST. 3