

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 047039-C	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. ESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Union Texas Petroleum Corporation		7. UNIT AGREEMENT NAME	
8. ADDRESS OF OPERATOR P.O. Box 808, Farmington, New Mexico 87499		8. FARM OR LEASE NAME Congress Lachman	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 940 ft./N; 1820 ft./W line		9. WELL NO. 4-E	
At top prod. interval reported below Same as above		10. FIELD AND POOL, OR WILDCAT Wildcat Gallup	
At total depth Same as above		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 18, T28N, R10W, N.M.P.M.	
14. PERMIT NO.		12. COUNTY OR PARISH San Juan	
		13. STATE New Mexico	
15. DATE SPUDDED 12/26/82	16. DATE T.D. REACHED 1/9/83	17. DATE COMPL. (Ready to prod.) 2/23/83	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5799 R.K.B.
19. ELEV. CASINGHEAD 5787			
20. TOTAL DEPTH, MD & TVD 6580 MD & TVD	21. PLUG, BACK T.D., MD & TVD 6482 MD & TVD	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY 0-6580
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5430 - 6028 Gallup (MD & TVD)			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Focused Log, Densilog, Neutron, Gamma-Ray, Temp.			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	48.00	330	17-1/2"
9-5/8"	36.00	5348	12-1/4"
7"	23.00	5124 - 6580	8-1/2"
			CEMENTING RECORD
			See Reverse Side
			See Reverse Side
			See Reverse Side
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"E.U.	5870	6060	
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 2/28/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 4/16/83	HOURS TESTED 24	CHOKE SIZE 1-1/4"	PROD'N. FOR TEST PERIOD →
OIL—BBL. 31	GAS—MCF. 324	WATER—BBL. 1	GAS-OIL RATIO 10,451
FLOW. TUBING PRESS. 235	CASING PRESSURE 463	CALCULATED 24-HOUR RATE →	OIL—BBL. 31
GAS—MCF. 324	WATER—BBL. 1	OIL GRAVITY-API (CORR.) 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 (Item No. 31 and No. 32)			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			
SIGNED <u>Kenneth E. Roddy</u> Kenneth E. Roddy		TITLE <u>Area Production Supt.</u> DATE <u>April 21, 1983</u>	

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

NMOCC

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: 13-3/8" Casing: Cemented with 360 cu. ft. of class "B" with 3% CaCl₂ and 1/4 lb. of Flocele per sack. (See instruction for items 22 and 24 above.)

9-5/8" Casing: Cemented first stage with 2230 cu. ft. of Halliburton Lite with 1/4 lb. of Flocele, 12-1/2 lb. of gilsonite per sack and 118 cu. ft. of class "B" with 2% CaCl₂. Cemented second stage with 1715 cu. ft. of 65/35 Pozmix with 12% gel, 12-1/2 lb. of gilsonite per sack, 1/4 lb. of Flocele and 118 cu. ft. of class "B" with 2% CaCl₂.

7" Casing: Cemented with 268 cu. ft. of 50-50 Pozmix, 2% gel, 18% salt, 12-1/2 lb. of gilsonite per sack, 0.5% CFR-2, 0.6% Halad-9.

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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Ojo Alamo	755	
			Kirtland	845	
			Fruitland	1630	
			Pictured Cliffs	1873	
			Chacra	2447	
			Cliff House	3440	
			Point Lookout	4218	
			Gallup	5429	
			Base of Greenhorn	6260	
			Dakota	6290	

Union Texas Petroleum Corporation
Congress Lachman No. 4-E
940 ft./N; 1820 ft./W line
Sec. 18, T28N, R10W
San Juan County, New Mexico

RECEIVED

MAY 9 - 1983

OIL CON. DIV.
DIST. 3

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

Lower Gallup

Perforations: 5830, 36, 42, 50, 54, 62, 66, 72, 78, 85, 92, 99, 5906,
17, 25, 34, 42, 54, 66, 74, 82, 86, 95, 6002, 06, 12, 20, 28.
(Total of 28 - 0.40" holes)

Spotted 250 gallons of 7-1/2% HCl across perforations.
Broke down and acidized with 1400 gallons of 7-1/2% HCl and ball sealers.
Frac'd. with 100,500 lb. of 20-40 sand and 35,223 gallons of 75 quality foam.

Middle Gallup

Perforations: 5651, 56, 62, 67, 73, 80, 86, 89, 94, 99, 5706, 12, 16, 19, 25,
28, 32, 36, 40, 46, 50, 54, 58, 62, 67, 73, 80, 86. (Total
of 28 - 0.40" holes)

Spotted 250 gallons of 7-1/2% HCl across perforations.
Broke down perforations and acidized with 1400 gallons of 7-1/2% HCl and
ball sealers.
Frac'd. with 104,500 lb. of 20-40 sand and 34,720 gallons of 75 quality
foam.

Upper Gallup

Perforations: 5430, 33, 38, 44, 50, 55, 60, 68, 78, 87, 93, 5500, 04, 15,
22, 30, 40, 50, 57, 60, 66, 74, 78, 84, 86, 90. (Total of
26 - 0.40" holes)

Spotted 300 gallons of 15% HCl across perforations.
Acidized with 1400 gallons of 15% HCl.
Frac'd. with 104,500 lb. of 20-40 sand and 35,600 gallons of 75 quality foam.