

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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
4001 Bloomfield Highway, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements)*
At surface
851 'FSL and 1177 'FEL
At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
7/5/84

5. LEASE DESIGNATION AND SERIAL NO.
SF 078464

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Senter Federal

9. WELL NO.
1E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

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

Section 26-T31N -R13W

12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico

15. DATE SPUDDED 8/10/84 16. DATE T.D. REACHED 8/25/84 17. DATE COMPL. (Ready to prod.) 9/26/84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5950 GR 5962 KB 19. ELEV. CASINGHEAD 5951

20. TOTAL DEPTH, MD & TVD 7010 KB 21. PLUG, BACK T.D., MD & TVD 6835' KB 22. IF MULTIPLE COMPL., HOW MANY* 1 23. INTERVALS DRILLED BY ROTARY TOOLS 0-7010 CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6797-6716 Dakota/Graneros
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
IGL, CD-DSN
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	322	12 1/4	See attached.	
4 1/2	10.5	7009	7 7/8	See attached.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	6751	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
See attached.				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
					See attached.

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/26/84		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/26/84	3	3/4		0	160		
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
95		625		0	1276	0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented (to be sold)
35. LIST OF ATTACHMENTS
Cementing Record, Perforation Record, Stimulation Record. RV

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Robert C. Frank TITLE Regulatory and Environmental Analyst DATE 12/3/84

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

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
Pictured Cliffs Cliffhouse Point Lookout Gallup Greenhorn Graneros Dakota	2178 3730 4516 5826 6570 6696 6756	2370 4516 4960 6570 6696 6756 6796	Water Water Gas		Kirtland Shale Pictured Cliffs Lewis Shale Cliffhouse Point Lookout Mancos Shale Gallup Greenhorn Graneros Dakota	418 2178 2370 3730 4516 4960 5826 6570 6696 6756	

Senter Federal #1E
851' FSL; 1177' FEL
Sec. 26, T31N-R13W
San Juan County, New Mexico

Supplement to Completion Report

Item 28 - Cementing Record

Surface Casing:

296
250 sxs. (340 cu.ft.) C1 "B" w/2% CaCl₂,
0.6% Flocele. Circulate cement to
surface.

Production:

Stage tool at 3005' KB.

992
1st stage: ~~800~~ sxs (1256 cu.ft.) 50/50
POZ w/2% CaCl₂, 6-1/4# D-70/sk followed by
100 sxs (118 cu.ft.) C1 "B" w/2% CaCl₂.

2nd stage: 316 sxs (907 cu.ft.) 65/35
POZ w/12% gel, 12-1/4# gilsonite/sk,
followed by 100 sxs (118 cu.ft.) C1 "B"
w/2% CaCl₂. Circulate 5.6 cu.ft. cement
to surface.

Item 31 - Perforation Record

Dakota: 0.34"/shot 9 shots total: 6929, 26, 24, 22, 19; 6891-85, 71-55
Dakota/Graneros: 0.34"/shot 19 shots total: 6796, 94, 92, 90, 88, 86, 84, 82, 80,
78, 76, 74, 72, 61, 59, 35, 34, 19, 16,
0.34"/shot 19 shots total: 6797, 95, 93, 91, 89, 87, 85, 83, 81,
79, 77, 75, 73, 60, 58, 36, 33, 20, 17.

Item 32 - Acid, Shot, Fracture, Cement, Squeeze, Etc.

Depth:	6929'-6855'	Acidize w/2100 gals 15% Hcl and 18 7/8" ball sealers.
	6929'-6855'	Squeeze with 100 sxs (118 cu.ft.) C1 "B" w/2% CaCl ₂ , 0.6% CFR-2, 0.5% Halad 9.
	6796'-6716'	Acidize w/2500 gals 15% HCl and 38 7/8" ball sealers.
		Frac w/31,000# 20/40 sand and 66,000 gals 20# gelled water.
	6797'-6716'	Acidize w/1050 gals 15% HCl and 66 7/8" ball sealers.
		Frac w/ 120,000# 20/40 sand and 110,000 gals 30# cross-link gelled water.