

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 08 1984
(See other instructions on reverse side)
ARTESIA, OFFICE

C/SF
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. NM-0454018	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Union Oil Company of California		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 671 Midland, Texas 79702		8. FARM OR LEASE NAME Wersell Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 660' FWL At top prod. interval reported below At total depth		9. WELL NO. 2	
14. PERMIT NO. API No. 3001544845 DATE ISSUED 2-6-84		10. FIELD AND POOL, OR WILDCAT Esperanza Delaware	
15. DATE SPUDDED 5-8-84		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 4, T-22-S R-27-E	
16. DATE T.D. REACHED 5-22-84		12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.) 7-16-84		13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3172.1 G.L.		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 4650'		21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2832' - 3794'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray CNL LDT DLL MSFL		27. WAS WELL COBED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	407'	11"
5-1/2"	15.5#	4650'	7-7/8"
		CEMENTING RECORD	
		Class "C"	230 sx
		Lt. Wt.	400 sx
		Class "C"	1500 sx
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
		30. TUBING RECORD	
		SIZE	DEPTH SET (MD)
		2-3/8"	3876'
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3732' - 3794' 1/2" 36 holes		DEPTH INTERVAL (MD)	
3289' - 3300' 1/2" 12 holes		AMOUNT AND KIND OF MATERIAL USED	
3022' - 3028' 1/2" 7 holes		3732' - 3794' 3800 gals 7-1/2% Acid	
2832' - 2844' 1/2" 13 holes		3289' - 3300' 1000 gals 7-1/2% Acid	
		3022' - 3028' 1000 gals 7-1/2% Acid	
		2832' - 2844' 300 gals 7-1/2% Acid	
33. PRODUCTION			
DATE FIRST PRODUCTION 7-16-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" x 1-1/2" x 18' Axelson RWBC	
DATE OF TEST 7-29-84		WELL STATUS (Producing or shut-in) SI	
HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 23
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	GAS—MCF. TSTM
			WATER—BBL. 168
			GAS-OIL RATIO -
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TSTM		OIL GRAVITY-API (CORR.) 38° @ 60°	
35. LIST OF ATTACHMENTS 3 ea of item 26		TEST WITNESSED BY John Gray	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>[Signature]</i>		TITLE Dist. Prod. Supt.	
		DATE 8-2-84	

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