

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions 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. NM-14794	
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 Maduro Unit Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL and 1980' FEL At top prod. interval reported below At total depth		9. WELL NO. 1	
10. FIELD AND POOL, OR WILDCAT Wildcat		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 29, T-19-S, R-33-E	
12. COUNTY OR PARISH Lea		13. STATE New Mexico	
15. DATE SPUDDED 5-25-79	16. DATE T.D. REACHED 7-19-79	17. DATE COMPL. (Ready to prod.) 7-31-79	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3583.6' GR.
20. TOTAL DEPTH, MD & TVD 13,660'	21. PLUG, BACK T.D., MD & TVD 13,571'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0'-13,660'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13,446' to 13,457' Lower Morrow			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Borehole Compensated Sonic; Dual Laterolog; Compensated Neutron-Formation Density; Computer Processed Log			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8" OD	48#	1,275'	17-1/2"
9-5/8" OD	40#	5,162'	12-1/4"
5-1/2" OD	17#	13,660'	7-7/8"
CEMENTING RECORD			
1100 sx Circulated			
3100 sx DV Tool at 3,457'			
650 sx			
AMOUNT PULLED			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
SCREEN (MD)			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8" OD	13,320'	13,320'	
31. PERFORATION RECORD (Interval, size and number)			
13,446' to 13,457' 1/2" Jet 24 Holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
13446' - 13,457'		250 Gals. 10% Acetic	
33. PRODUCTION			
DATE FIRST PRODUCTION 8-2-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut in			
DATE OF TEST 8-6-79	HOURS TESTED 1	CHOKE SIZE 14/64"	PROD'N. FOR TEST PERIOD 4.2
FLOW. TUBING PRESS. 2900	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE 101	GAS—MCF. 150
WATER—BBL. -0-		GAS-OIL RATIO 35,714 CF/E	
OIL GRAVITY-API (CORR.) 48.5			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared during test			
TEST WITNESSED BY L. L. Artherholt			
35. LIST OF ATTACHMENTS Drill Stem Tests; 2 copies of each log in Item 26			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED R. T. Shurtliff		TITLE District Production Supt.	
DATE Aug. 27, 1979			

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

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, Federal or State, 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 23, below regarding separate reports for separate completions.

any of the above items. See instructions on items 22 and 24 and 25 regarding separate attachments. 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.), formations, 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.

or Federal office for specific instructions. Consult local State or Federal office for specific instructions. 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. **Item 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. Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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		39. DEPTH		40. MEAS. DEPTH		41. TRUE VERT. DEPTH	
	FORMATION	TOP	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	TOP	MEAS. DEPTH	
Will state Testers: 2 copies of each log in file dated during test Backer Flowing RECEIVED 5-8-78 5-10-78 5-12-78 5-14-78 5-16-78 5-18-78 5-20-78 5-22-78 5-24-78 5-26-78 5-28-78 5-30-78 5-31-78 6-1-78 6-2-78 6-3-78 6-4-78 6-5-78 6-6-78 6-7-78 6-8-78 6-9-78 6-10-78 6-11-78 6-12-78 6-13-78 6-14-78 6-15-78 6-16-78 6-17-78 6-18-78 6-19-78 6-20-78 6-21-78 6-22-78 6-23-78 6-24-78 6-25-78 6-26-78 6-27-78 6-28-78 6-29-78 6-30-78 7-1-78 7-2-78 7-3-78 7-4-78 7-5-78 7-6-78 7-7-78 7-8-78 7-9-78 7-10-78 7-11-78 7-12-78 7-13-78 7-14-78 7-15-78 7-16-78 7-17-78 7-18-78 7-19-78 7-20-78 7-21-78 7-22-78 7-23-78 7-24-78 7-25-78 7-26-78 7-27-78 7-28-78 7-29-78 7-30-78 7-31-78 8-1-78 8-2-78 8-3-78 8-4-78 8-5-78 8-6-78 8-7-78 8-8-78 8-9-78 8-10-78 8-11-78 8-12-78 8-13-78 8-14-78 8-15-78 8-16-78 8-17-78 8-18-78 8-19-78 8-20-78 8-21-78 8-22-78 8-23-78 8-24-78 8-25-78 8-26-78 8-27-78 8-28-78 8-29-78 8-30-78 8-31-78 9-1-78 9-2-78 9-3-78 9-4-78 9-5-78 9-6-78 9-7-78 9-8-78 9-9-78 9-10-78 9-11-78 9-12-78 9-13-78 9-14-78 9-15-78 9-16-78 9-17-78 9-18-78 9-19-78 9-20-78 9-21-78 9-22-78 9-23-78 9-24-78 9-25-78 9-26-78 9-27-78 9-28-78 9-29-78 9-30-78 10-1-78 10-2-78 10-3-78 10-4-78 10-5-78 10-6-78 10-7-78 10-8-78 10-9-78 10-10-78 10-11-78 10-12-78 10-13-78 10-14-78 10-15-78 10-16-78 10-17-78 10-18-78 10-19-78 10-20-78 10-21-78 10-22-78 10-23-78 10-24-78 10-25-78 10-26-78 10-27-78 10-28-78 10-29-78 10-30-78 10-31-78 11-1-78 11-2-78 11-3-78 11-4-78 11-5-78 11-6-78 11-7-78 11-8-78 11-9-78 11-10-78 11-11-78 11-12-78 11-13-78 11-14-78 11-15-78 11-16-78 11-17-78 11-18-78 11-19-78 11-20-78 11-21-78 11-22-78 11-23-78 11-24-78 11-25-78 11-26-78 11-27-78 11-28-78 11-29-78 11-30-78 12-1-78 12-2-78 12-3-78 12-4-78 12-5-78 12-6-78 12-7-78 12-8-78 12-9-78 12-10-78 12-11-78 12-12-78 12-13-78 12-14-78 12-15-78 12-16-78 12-17-78 12-18-78 12-19-78 12-20-78 12-21-78 12-22-78 12-23-78 12-24-78 12-25-78 12-26-78 12-27-78 12-28-78 12-29-78 12-30-78 12-31-78	Flowing RECEIVED 5-8-78 5-10-78 5-12-78 5-14-78 5-16-78 5-18-78 5-20-78 5-22-78 5-24-78 5-26-78 5-28-78 5-30-78 5-31-78 6-1-78 6-2-78 6-3-78 6-4-78 6-5-78 6-6-78 6-7-78 6-8-78 6-9-78 6-10-78 6-11-78 6-12-78 6-13-78 6-14-78 6-15-78 6-16-78 6-17-78 6-18-78 6-19-78 6-20-78 6-21-78 6-22-78 6-23-78 6-24-78 6-25-78 6-26-78 6-27-78 6-28-78 6-29-78 6-30-78 7-1-78 7-2-78 7-3-78 7-4-78 7-5-78 7-6-78 7-7-78 7-8-78 7-9-78 7-10-78 7-11-78 7-12-78 7-13-78 7-14-78 7-15-78 7-16-78 7-17-78 7-18-78 7-19-78 7-							