

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 *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM-14329	
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESERVE ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. NAME OF OPERATOR Union Oil Company of California				7. UNIT AGREEMENT NAME	
4. ADDRESS OF OPERATOR P. O. Box 671 - Midland, Texas 79702				8. FARM OR LEASE NAME Halfway Federal	
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FNL and 1980' FEL At top prod. interval reported below At total depth				9. WELL NO. 1	
6. DATE SPUDDED 11-13-78				10. FIELD AND POOL, OR WILDCAT Undesignated	
7. DATE T.D. REACHED 1-2-79				11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 9, T-21-S, R-32-E	
8. DATE COMPL. (Ready to prod.) Dry 8-3-79				12. COUNTY OR PARISH Lea	
9. ELEVATIONS (DF, REB, ET, GR, ETC.)* 3733' GR.				13. STATE New Mexico	
10. TOTAL DEPTH, MD & TVD 14,600'		11. PLUG, BACK T.D., MD & TVD		12. INTERVALS DRILLED BY 0'-14,600'	
13. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				14. WAS DIRECTIONAL SURVEY MADE No	
15. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron - Formation Density; Dual Laterolog				16. WAS WELL CORED No	
17. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13-3/8" OD		48#		500'	
9-5/8" OD		40#		5,205'	
5-1/2" OD		17#		14,598'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
17-1/2"		500 sx Circulated to Surf.			
12-1/4"		3250 sx DV Tool @ 3336'			
7-7/8"		750 sx		10,000'	
18. LINER RECORD			19. TUBING RECORD		
SIZE		TOP (MD)		SIZE	
BOTTOM (MD)		SACKS CEMENT*		DEPTH SET (MD)	
SCREEN (MD)		PACKER SET (MD)			
20. PERFORATION RECORD (Interval, size and number)			21. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
14,486' to 14,493' 1/2" Jet 8 Holes			DEPTH INTERVAL (MD)		
14,376' to 14,382' 1/2" Jet 14 Holes			AMOUNT AND KIND OF MATERIAL USED		
14,140' to 14,258' 1/2" Jet 28 Holes			14,486'-14,493' B.P. @ 14,450' w/ 25' cmt. on top		
			14,376'-14,382' B.P. @ 14,349' w/ 41' cmt. on top		
			14,140'-14,258' B.P. @ 14,035' w/ 450' cmt. on top		
22. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in) ABD.	
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)		TEST WITNESSED BY			
23. LIST OF ATTACHMENTS Two copies of each log in Item 26					
24. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED J.R. Hughes TITLE District Drilling Supt. DATE October 10, 1979					

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

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.)

37. SUMMARY OF FORMS ZONES:

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FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		MEAS. DEPTH		TRUE VERT. DEPTH
38. GEOLOGIC MARKERS Rustler Anhyd. Salt Base Salt Yates Cherry Canyon Bone Spring Wolfcamp Cisco Canyon Strawn Atoka Morrow Middle Morrow Lower Morrow Chester					NAME		TOP		TRUE VERT. DEPTH
					1,339'		1,500'		
					2,840'		3,250'		
					5,760'		8,650'		
					11,628'		12,503'		
					12,800'		12,957'		
					13,075'		13,646'		
					14,078'		14,448'		
					14,580'				
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