

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. N00-C-14-20-5195		
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo		
2. NAME OF OPERATOR Union Oil Company of California				7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82601				8. FARM OR LEASE NAME Navajo (K-19)		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1500' FSL & 1500' FWL At top prod. interval reported below At total depth				9. WELL NO. 4		
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Bassin Dakota		
15. DATE SPUDDED 6-4-76				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19, T.25N., R.10W.		
16. DATE T.D. REACHED 6-14-76				12. COUNTY OR PARISH San Juan		
17. DATE COMPL. (Ready to prod.) 6-28-76				13. STATE New Mexico		
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6598' G.L.				19. ELEV. CASINGHEAD 6598'		
20. TOTAL DEPTH, MD & TVD 6320'		21. PLUG, BACK T.D., MD & TVD 6285'		23. INTERVALS DRILLED BY → 0 - T.D.		
22. IF MULTIPLE COMPL., HOW MANY* - -				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6026-6098' (Jicarilla & Graneros)		
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Compensated Neutron & GR Logs w/Caliper		
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#	735'	12-1/4"	450 Sx.	- - -
5-1/2"		15.50#	6,320'	7-7/8"	850 Sx.	- - -
29. LINER RECORD						
Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)		
- - -	- - -	- - -	- - -	- - -		
30. TUBING RECORD						
Size	Depth Set (MD)	Packer Set (MD)				
2-3/8"	5,990.95'	5,991'				
31. PERFORATION RECORD (Interval, size and number)						
6028-30')						
6056-60')						
6067-76')		2 spf - 4" Casing Jet				
6084-85')						
6092-95')						
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
Depth Interval (MD)		Amount and Kind of Material Used				
6028-6095'		Sand fraced perms w/60,000 gals. gelled 2% KCl water w/20,000# 100-mesh sand and 108,000# 20-40 sand				
33.* PRODUCTION						
Date First Production 6-29-76		Production Method (Flowing, gas lift, pumping—size and type of pump) Flowing				Well Status (Producing or shut-in) Shut-In
Date of Test 6-30-76	Hours Tested 24	Choke Size 28/64"	Prod'n. for Test Period →	Oil—BBL. 40	Gas—MCF. 576	Water—BBL. 114
Flow. Tubing Press. 200	Casing Pressure 0	Calculated 24-Hour Rate →	Oil—BBL. 40	Gas—MCF. 576	Water—BBL. 114	Gas-Oil Ratio 14,400:1
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) CONTRACT PENDING						Test Witnessed By R. D. Cline
35. LIST OF ATTACHMENTS						
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
Signed <u>R. C. Legg, Jr.</u>		Title <u>District Drilling Supt.</u>			Date <u>9-14-76</u>	

*(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 19: 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.)

NOTE: Blowout Preventers tested daily in accordance with Union Oil Company policy and reported by Drilling Contractor.

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
			No Cores.	Pictured Cliffs	1,506'	
			No DST's.	Cliff House	2,318'	
				Point Lookout	3,974'	
				Mancos	4,190'	
				Gallup	4,998'	
				Greenhorn	5,894'	
				Jicarilla	6,025'	
				Graneros Sd.	6,054'	
				Dakota	6,122'	
				Morrison	6,263'	