

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved:
Budget Bureau No. 42 10315.5.

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 Oil Company of California							
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, Wyoming 82601							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FNL & 1650' FWL (NE NW) At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED MAR 16 1971 OIL CON. COM. DIST. 3			
5. LEASE DESIGNATION AND SERIAL NO. 411							
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache							
7. UNIT AGREEMENT NAME							
8. FARM OR LEASE NAME Jicarilla 411							
9. WELL NO. 1 (6025)							
10. FIELD AND POOL, OR WILDCAT Undesignated							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 25, T. 22 N., R. 3 W.							
12. COUNTY OR PARISH Sandoval				13. STATE New Mexico			
15. DATE SPUDDED 12-23-70		16. DATE T.D. REACHED 1-5-71		17. DATE COMPL. (Ready to prod.) 1-26-71		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7351' KB	
20. TOTAL DEPTH, MD & TVD 6910'		21. PLUG, BACK T.D., MD & TVD 6884'		22. IF MULTIPLE COMPL. HOW MANY* ---		23. INTERVALS DRILLED BY ROTARY TOOLS 0 - TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6860-6870' <i>Annular</i>							25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CCL, Dual Ind-LL, FDC, BHC Sonic-GR & F Logs							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 PUMPED	
8-5/8"	24#	239'	12-1/4"	175 sx.		--	
5-1/2"	15.5#	6910'	7-7/8"	540 sx.		--	
				2005x 2-Stage @ 2690' <i>gfr</i>			
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"	6869' KB	--
31. PERFORATION RECORD (Interval, size and number) 6860-6870' 2spf.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				6860-6870'		2900 gal, diesel oil w/1% Hyflo	
				6860-6870'		54,000 gals diesel oil frac	
33.* PRODUCTION							
DATE FIRST PRODUCTION 1-26-71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pmp.				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2-10-71	HOURS TESTED 24	CHOKE SIZE Pmp	PROD'N. FOR TEST PERIOD →	OIL—EBL. 138	GAS—MCF. →	WATER—BBL. Trace	GAS-OIL RATIO ---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—EBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.) 42	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY Al Freiburg	
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 <i>A. T. Mannion, Jr.</i>		TITLE District Drilling Supt.				DATE 3-11-71	

*(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: "Seals 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 POROUS ZONES:				38. GEOLOGIC MARKERS		
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						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Pic Cliffs	2465'	
				Mancos	4800'	
				Gallup	5775'	
				Graneros	6810'	
				Dakota	6935'	