

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

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						5. LEASE DESIGNATION AND SERIAL NO. NM-8007	
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1100' FSL & 1185' FWL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 3-12-77						16. DATE T.D. REACHED 3-25-77	
17. DATE COMPL. (Ready to prod.) P. & A. 9-16-77						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6493' G.L.	
19. ELEV. CASINGHEAD 6493'						20. TOTAL DEPTH, MD & TVD 6225'	
21. PLUG, BACK T.D., MD & TVD 2200'						22. IF MULTIPLE COMPL., HOW MANY* -- --	
23. INTERVALS DRILLED BY -- --						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* NONE	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN Comp. Neutron-Formation Density. Dual Induc. Laterolog. GR Log.	
27. WAS WELL CORED No						28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24#		724'		12-1/4"	
5-1/2"		15.5#		6,201'		7-7/8"	
29. LINER RECORD		SIZE		TOP (MD)		BOTTOM (MD)	
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30. TUBING RECORD		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
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31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6142-6146' - Graneros "C"-2spf-Squeezed						DEPTH INTERVAL (MD)	
6058' & 6061' - Jicarilla-2spf-Squeezed						6058-6110'	
6088-6095' - Graneros A & B-2spf-Squeezed						AMOUNT AND KIND OF MATERIAL USED	
6098-6110' - Graneros A & B-2spf-Squeezed						Sdfract. w/40,000 gals. Versa-	
(CONTINUED ON OTHER SIDE)						gel mixed w/3% KCl wtr. &	
						80,000# of sd. at 8 bpm @	
						4900-2800#. ISDP 2100#.	
33.* PRODUCTION						(15) 1700#. (50) 1600#.	
DATE FIRST PRODUCTION						PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
-- --						WELL STATUS (Producing or shut-in) Plugged & Abandoned	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
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FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		N.A.		GAS—MCF.		WATER—BBL.	
35. LIST OF ATTACHMENTS				OIL GRAVITY-API (CORR.)		TEST WITNESSED BY	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.		SIGNED		TITLE		DATE	
		R. G. Ladd, Jr.		District Drilling Supt.		9-19-77	

*(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: "Sucks 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.)

Item 31. (Continued). 2399-2409' - Cliff House - 1 spf - Squeezed 2447-2455' - Cliff House - 1 spf - Squeezed
2425-2427' - Cliff House - 1 spf - Squeezed 2459' - Cliff House - 1 spf - Squeezed
2431-2433' - Cliff House - 1 spf - Squeezed
2441-2443' - Cliff House - 1 spf - Squeezed

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Plugged & Abandoned as follows: Retainer at 6130'. Perfs 6142-46' squeezed w/150 sx. Retainer #2 @ 5984'. Perfs 6058-6110' squeezed w/150 sx. Perfs 2399-2459' squeezed w/82 sx cmt. Top of cement plug at 2200'. 10-sx. cement plug at surface w/cap welded on. Casing cut off 4' below ground level. Installed dry hole marker. NO CORES. NO DST'S. NOTE: Blowout Preventers tested daily in accordance with Union Oil Company policy and reported by Drilling Contractor.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	1524'	
Cliff House	2388'	
Menefee	3096'	
Pt. Lookout	4034'	
Mancos	4252'	
Gallup	5056'	
Sanastee	5574'	
Greenhorn	5924'	
Jicarilla	6050'	
Graneros Sd.	6082'	
Dakota	6168'	