

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 _____		
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 10474	
3. ADDRESS OF OPERATOR P. O. Box 671 Midland, Texas 79701						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 760' FWL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 4-3-70						12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 8-1-70						13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 8-7-70						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3862 GL	
19. ELEV. CASINGHEAD 3862						20. TOTAL DEPTH, MD & TVD 14,870	
21. PLUG BACK T.D., MD & TVD 14,435						22. IF MULTIPLE COMPL., HOW MANY* Single	
23. INTERVALS DRILLED BY →						ROTARY TOOLS 0 - 14,870	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13,420 - 13,442 Morrow						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR Sonic, Dual Induction Laterlog, GR-Neutron						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-5/8"		48		420'		17-1/2"	
9-5/8"		40		5451'		12-1/4"	
5-1/2"		17 & 20		14585'		8-3/4"	
29. LINER RECORD		30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		PACKER SET (MD)	
						13,225	
31. PERFORATION RECORD (Interval, size and number) 13,420 - 13,442 w/ 1-7/8" scallop gun w/ 1 shot per ft.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) None			
33.* PRODUCTION							
DATE FIRST PRODUCTION 8-6-70		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in for pipeline	
DATE OF TEST 8-7-70		HOURS TESTED 5-1/2		CHOKE SIZE Various		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 4403-3288		CASING PRESSURE Pkr		CALCULATED 24-HOUR RATE →		OIL—BBL. AOF 26,400	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented for test		TEST WITNESSED BY Keith Spradlin				GAS—MCF. 0	
35. LIST OF ATTACHMENTS Sonic Log - Gamma Ray		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records				WATER—BBL. 0	
SIGNED <i>J. R. Gray</i>		J. R. Gray		TITLE Dist. Drilling Supt.		DATE 8-21-70	

*(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 33.

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 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
Bone Springs	9724	9758	DST #1 Recovered from bottom hole sampler 1600 cc oil 40° API @ 66° 1.2 cu. ft. gas @ 75 psi IFP (20) 42 psi ISIP (60) 3980 psi IFP (120) 270 psi FSIP (240) 3956 psi BHT 1820	Anhydrite Salt (T) Salt (B) Yates Queen San Andres Delaware Bone Springs Wolfcamp Cisco Canyon Strawn Atoka Morrow Miss. (Barnett) Woodford Silurian	1632 1715 3080 3239 4496 5165 5945 7885 10756 11880 12068 12160 12424 12920 13497 14430 14575	
Upper Wolfcamp	11060	11070	DST #2 Recovered from bottom hole sampler 800 cc salt water (43,000 chlorides)			
Morrow	13351	13390	DST #3 Recovered gas cut mud from sampler			
Devonian	14585	14659	DST #4 Recovered 400 cc of 46° API oil IPF (20) 426-492 ISIP (30) 5725 IFP 623 FFP (120) 1016 FSIP (240) 5823			

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