

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 0559817		
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Union Oil Company of California				7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 671 - Midland, Texas 79701				8. FARM OR LEASE NAME Federal "20"		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 510' FUL * 1380' FUL At top prod. interval reported below At total depth				9. WELL NO. 1		
14. PERMIT NO.				DATE ISSUED 12-11-70		
15. DATE SPUDDED 12-19-70		16. DATE T.D. REACHED 12-29-70		17. DATE COMPL. (Ready to prod.) 1-6-71		
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3975 FB, 3965 GL		19. ELEV. CASINGHEAD 3965'		10. FIELD AND POOL, OR WILDCAT Blunit San Andres Assoc.		
20. TOTAL DEPTH, MD & TVD 4798'		21. PLUG, BACK T.D., MD & TVD 4780'		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20 T-8-S, R-3-E		
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		12. COUNTY OR PARISH Roosevelt		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4751 - 4769 Todd		25. WAS DIRECTIONAL SURVEY MADE No		13. STATE New Mexico		
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron Porosity Log		27. WAS WELL CORED No				
28. CASING RECORD (Report all strings set in well)						
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		
8-5/8"		24#		352'		
4-1/2"		7.5#		4798'		
29. LINER RECORD						
SIZE		TOP (MD)		BOTTOM (MD)		
30. TUBING RECORD						
SIZE		DEPTH SET (MD)		PACKER SET (MD)		
2-3/8"		4548'		4540'		
31. PERFORATION RECORD (Interval, size and number)						
4751-4752-4753-4754-4757-4758-4759- 4760-4761-4762-4765-4766-4768-4769- with 1 Jet shot each depth						
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED				
4751-4769		120 gal. 15% reg. acid.				
33.* PRODUCTION						
DATE FIRST PRODUCTION 1-5-71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-6-71		HOURS TESTED 24		CHOKE SIZE 1 1/2"		
PROD'N. FOR TEST PERIOD →		OIL—BBL. 184		GAS—MCF. 94		
WATER—BBL. None		GAS-OIL RATIO 510				
FLOW. TUBING PRESS. 180		CASING PRESSURE 0		CALCULATED 24-HOUR RATE →		
OIL—BBL. 184		GAS—MCF. 94		WATER—BBL. 0		
OIL GRAVITY-API (CORR.) 25.1						
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						
35. LIST OF ATTACHMENTS 2 copies Gamma Ray Neutron Porosity Log, 1 copy Deviation Test						
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
SIGNED J. S. Gray		TITLE District Drilling Supt.		DATE 1-7-71		

*(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: "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:				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
	0	197	Caliche and Sand	Anhydrite	2,244'
	197	2244	Red Beds	Salt	2,340'
	2244	2340	Anhydrite	Salt	2,620'
	2340	2620	Salt	Yates	2,710'
	2620	2710	Anhydrite	Queen	3,415'
	2710	2825	Sand and Anhydrite	Grayburg	3,613'
	2825	3921	Anhydrite, Red Beds, & Sand	San Andres	3,921'
	3921	4613	Dolomite, Sand & Anhydrite & Salt		
	4613	6798	Dolomite and Anhydrite		