

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. NM 4315	
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 Pipeline "A" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FNL and 1650' FEL At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Undesignated	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 8 T-19-S, R-34-E	
15. DATE SPUDDED 7-23-71		12. COUNTY OR PARISH Lee	
16. DATE T.D. REACHED 9-30-71		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 10-30-71		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3816' Gr. 3832' DF 3816'	
20. TOTAL DEPTH, MD & TVD 13,580'		19. ELEV. CASINGHEAD	
21. PLUG, BACK T.D., MD & TVD 12,945' FBTD		23. INTERVALS DRILLED BY 0'-13,580'	
22. IF MULTIPLE COMPL., HOW MANY*		24. PRODUCING INTERVAL(S), OF THIS COMPLETION -TOP, BOTTOM, NAME (MD AND TVD)* 10,824' to 10,856' Wolfcamp	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Laterolog, Sonic Log - Gamma Ray	
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	
11-3/4" OD		42	
8-5/8" OD		32	
5-1/2" OD		20, 17	
438'		15"	
5,200'		11"	
13,580'		7-7/8"	
400 sx cement		400 sx cement	
400 sx cement		875 sx cement	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
2-7/8" OD		10,724'	
2-3/8" OD		10,657'	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
13,279' to 13,479' 62 Jet Shots (Not Open)		DEPTH INTERVAL (MD)	
10,824' to 10,856' 33 Jet Shots		AMOUNT AND KIND OF MATERIAL USED	
		13,279'-13,479' 6,000 Gals. Mud Acid and 6,000 Gals. Alcohol	
		10,824'-10,856' 10,000 Gals. Western Type 15 Retarded Acid	
33.* PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 10-27-71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
HOURS TESTED 24		CHOKE SIZE 10/64"	
PROD'N. FOR TEST PERIOD 58		OIL—BBL. 58	
GAS—MCF. T.S.T.M.		WATER—BBL. 0	
GAS-OIL RATIO T.S.T.M.		OIL GRAVITY-API (CORR.) 38.3	
FLOW. TUBING PRESS. 175		CASING PRESSURE Packer	
CALCULATED 24-HOUR RATE 58		OIL—BBL. 58	
GAS—MCF. T.S.T.M.		WATER—BBL. 0	
OIL GRAVITY-API (CORR.) 38.3		TEST WITNESSED BY D. E. Spradlin	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		35. LIST OF ATTACHMENTS	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		37. SIGNED D. E. Spradlin	
TITLE District Drilling Supt.		DATE December 9, 1971	

*(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: 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.
Wolfcamp	10,794'	10,863'	DST #1 - Tool open 80 min. Recovered 5628' oil and gas, and 270' gas cut mud. 30 min. ISIP 4578, IPP 305-447, FFP 517-1151, 160 min. FSIP 4631, IHP 5571, FHP 5556, BH Temp. 142 deg. Recovered from sample chamber 1450 cc 38.3 Gr. oil, 2 scf gas.
			NAME Anhydrite Salt Salt Yates Queen San Andres Wolfcamp Penn. Canyon Strawn Atoka MEAS. DEPTH 1,580' 1,710' 3,010' 3,200' 4,475' 5,130' 10,720' 11,900' 12,095' 12,190' 12,460' TOP TRUE VERT. DEPTH

RECEIVED
OIL CONSERVATION BOARD
HOUSTON, TEXAS
JUN 1 1971