

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-6870	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESTR. ☐ 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 79702		8. FARM OR LEASE NAME Pipeline Deep Unit Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL and 1980' FEL At top prod. interval reported below _____ At total depth _____		9. WELL NO. 3	
14. PERMIT NO. _____ DATE ISSUED 10-20-76		10. FIELD AND POOL, OR WILDCAT North Quail Ridge-Morrow Gas	
15. DATE SPUDDED 12-7-76		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 7, T-19-S, R-34-E	
16. DATE T.D. REACHED 3-14-77		12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 4-1-77		13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3792' DF 3776' GR.		19. ELEV. CASINGHEAD _____	
20. TOTAL DEPTH, MD & TVD 13,527'		21. PLUG, BACK T.D., MD & TVD 13,500'	
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY 0'-13,527'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13,103' to 13,461' Morrow		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Compensated Neutron		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
* 13-3/8" OD		396'	
* 9-5/8" OD	40#	5,554'	
* 7" OD	29#, 26#, 32#	14,459'	
5" & 5-1/2"	18# & 20#	13,527'	
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
			12,273'
			12,272'
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
13,103' to 13,461' 1/2" 156 Holes		DEPTH INTERVAL (MD)	
		AMOUNT AND KIND OF MATERIAL USED	
		13414.5'-13458' 3,000 Gals. 7-1/2% MSA Acid	
		13414.5'-13461' 21,000 Gals. MS Gelled 5% Acid Wtr.	
		12,000 Lbs. Sand, and with	
		1,000 Lbs. Glass Beads	
33. PRODUCTION			
DATE FIRST PRODUCTION April 12, 1977		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 5-7-77		WELL STATUS (Producing or shut-in) Shut-In	
HOURS TESTED 1 Hour	CHOKER SIZE 24/64"	PROD'N. FOR TEST PERIOD 7.8	WATER—BBL. 64
FLOW. TUBING PRESS. 750	CASING PRESSURE -	WATER—BBL. 2.6	GAS—OIL RATIO 8.205 MCF/Bbl.
CALCULATED 24-HOUR RATE 187	GAS—MCF. 1,540	WATER—BBL. 62	OIL GRAVITY-API (CORR.) 48.6
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY L. L. Harmon	
35. LIST OF ATTACHMENTS Gamma Ray-Compensated Neutron Log; Sperry-Sun Directional Surveys			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED John Tyler		TITLE District Production Supt. DATE August 12, 1977	

*(See Instructions and Spaces for Additional Data on Reverse Side)

* Casing shown was run by El Paso Natural Gas Co. when well drilled in 1960 and 1961.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
				Rustler	1,590'
				Yates	3,205'
				Queen	4,460'
				San Andres	5,100'
				Delaware	6,010'
				Bone Spring	7,628'
				Wolfcamp	10,774'
				Cisco	11,850'
				Canyon	12,040'
				Strawn	12,135'
				Atoka	12,400'
				Morrow	12,893'
				Lower Morrow	13,365'