

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Box 1980
HOBBBS, NEW MEXICOForm approved.
Budget Bureau No. 42-R355.5.

WELL DESIGNATION AND SERIAL NO.

NM-27572

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESRV. ☐ Other ☐		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Union Oil Company of California		8. FARM OR LEASE NAME Laguna Deep Unit Federal	
3. ADDRESS OF OPERATOR P. O. Box 671 Midland, Texas 79702		9. WELL NO. 3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FSL & 1980' FWL At top prod. interval reported below At total depth		10. FIELD AND POOL, OR WILDCAT East Gem (Morrow Gas)	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 35, T-19-S R-33-E		12. COUNTY OR PARISH Lea	
13. STATE New Mexico		14. PERMIT NO.	
15. DATE SPUDDED 8-30-81		16. DATE T.D. REACHED 11-16-81	
17. DATE COMPL. (Ready to prod.) 12-20-81		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3,589' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 13,600'	
21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 10-13,600'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13,472' - 13,502' Lower Morrow	
25. WAS DIRECTIONAL SURVEY—MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL FDC w/Gamma Ray DLL w/Micro SFL	
27. WAS WELL CORED Yes		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
13-3/8" OD		48#	
9-5/8" OD		36#	
7" OD		26#	
Depth Set (MD)		Hole Size	
1,422'		17-1/2"	
3,100'		12-1/4"	
12,174'		8-3/4"	
Cementing Record		Amount Pulled	
C1"C" 1400 sx			
Lt WT 1000 sx CL"C" 200 sx			
Lt WT 2400 sx C1"H" 600 sx			
29. LINER RECORD		30. TUBING RECORD	
Size		Top (MD)	
3" OD		11,947'	
Bottom (MD)		Sacks Cement*	
13,580'		250	
Screen (MD)		Size	
		2-3/8" OD	
Depth Set (MD)		Packer Set (MD)	
13,422'		13,422'	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
13,472' - 13,480' 8' (33 holes) 1/2"		Depth Interval (MD)	
13,499' - 13,502' 3' (13 holes) 1/2"		Amount and Kind of Material Used	
		250 gals 10% Acetic Acid	
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
Date First Production		Production Method (Flowing, gas lift, pumping—size and type of pump)	
12-20-81		Flowing	
Well Status (Producing or shut-in)		Shut-In	
Date of Test		Hours Tested	
12-23-81		1-3/4	
Choke Size		Prod'n. for Test Period	
16/64		28.7	
Oil—BBL/Cond.		Gas—MCF.	
231		231	
Water—BBL.		Gas-Oil Ratio	
		8 MCF/bbl.	
Flow. Tubing Press.		Casing Pressure	
3940		Packer	
Calculated 24-Hour Rate		Oil—BBL/Cond.	
393		Gas—MCF.	
3168		Water—BBL.	
Oil Gravity-API (Corr.) Cond		51.5	
35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
2 copies of logs in item 26 above		SIGNED L.H. Pardue	
TITLE Dist. Prod. Supt.		DATE 1-20-82	
U.S. GEOLOGICAL SURVEY			

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

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.), formations, 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.

For each additional interval, showing the additional data pertinent to such interval.

Item 29: Stacks Cement: Attached supplemental reports for this well should show the details of any multiple stage cementing and the location of the cement.

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.)

38. GEOLOGIC MARKERS	TOP		MEAS. DEPTH	TRUE VERT. DEPTH
	NAME	MEAS. DEPTH		
38. GEOLOGIC MARKERS	Rustler	1,370'	712	242'
	Yates	3,065'	713	547'
	Bone Springs	7,924'	714	312'
	Strawn	12,087'	718	475'
	Atoka	12,315'	719	703'
	Morrow	12,843'	719	231'
Chester	13,511'	719	899'	