

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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

3. ADDRESS OF OPERATOR

P. O. Box 671 - Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FSL & 2180' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

10. BASE DESIGNATION AND SERIAL NO.

NM-0160973

11. IF INDIAN, ALLOTTEE OR TRIBE NAME

12. UNIT AGREEMENT NAME

Red Hills

13. FARM OR LEASE NAME

Red Hills Unit

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Red Hills (Penn.) Atoka

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

Sec. 5, T-26S, R-33E

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED 4-5-83 16. DATE T.D. REACHED 7-14-83 17. DATE COMPL. (Ready to prod.) 7-31-91 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3349' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 17,597' 21. PLUG. BACK T.D., MD & TVD 16,240' (Cmt ret) 22. IF MULTIPLE COMPL. HOW MANY* - 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 14,528' - 14,545' Atoka 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL

27. WAS WELL CORED

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	
20"	94#	826'	26"	Circ	1450 SXS
13 3/8"	61 & 68#	4877'	17 1/2"		5500 SXS
9 5/8"	47 & 53.5#	13000'	12 1/4"		4350 SXS
7 3/4"	Top-12,685'	Bottom-16,986'			650 SXS

LINER RECORD				TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	16,387'	17,597'	180	2 7/8"	14,461'
7 5/8"	Surf.	12,685'	200		14,400'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
14,528' - 14,545'		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
205 holes - 12 SPF		17,453'-512'	Sqzd w/200 sxs Cl H

33.*		PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 7-31-91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		Prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF
8-14-91	3.5	4-10/64	2	1579	3
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
2520 psi	0	15	1455	19	50.8°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY James Dillard

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Charlotte Sison TITLE Drilling Clerk DATE 8-20-91

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

17. 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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Atoka Morrow Miss. Lime Woodford Silurian	14417' 14992' 16938' 17292' 17446'	-11034' -11609' -13555' -13909' -140