

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other ☐

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 671 - Midland, TX 79703

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

At surface 1020' FNL & 970' FWL

At top prod. interval reported below

At total depth

RECEIVED

OIL CON. DIV
DIST. 3

14. PERMIT NO. DATE ISSUED
4-15-91

15. DATE SPUNDED 5-17-91 18. DATE T.D. REACHED 6-20-91 17. DATE COMPL. (Ready to prod.) 7-22-91 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6536' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7365' 21. PLUG BACK T.D., MD & TVD 7350' 22. IF MULTIPLE COMPLEMENTS, HOW MANY* 2 23. INTERVALS DRILLED BY 0-7365' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

7248'-7323' Dakota

7142'-58' Graneros

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL GR Comp. Dens. w/Cal DSN Sonic CBL VDL CCL

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	501'	17 1/2"	Cl "B" 600 sxs Circ	
9 5/8"	40 & 36#	4302' 3/4	12 1/4"	1st stage w/550 sxs "B" Circ	
		DV @ 2660'		2nd stage w/825 sxs "B" Circ	
7"	26 & 23#	7365'/DV@6447'	8 3/4"	1st stage w/530 sxs/circ-2nd w/700 sxs/ci	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7304'	6859'

31. PERFORATION RECORD (Interval, size and number)

7248-66', 78-82', 88-92', 96', 7306', 13-23' 2SPF (102 holes) .37" holes Dakota
7142-58' 2 SPF (34 holes) Graneros

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7142-7323'	97,000 gals 30# LR 2% KCl Borate gel & 28,000# 20/40 mesh Brady sd & 11,700 gals 2% KCl flush

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				S.I.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-16-91	24	64/64"	→	40	1234	39	30,850
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

ACCEPTED FOR RECORD

WITNESSED BY

Les Gimble

35. LIST OF ATTACHMENTS

OCT 24 1991

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

SIGNED Charlotte Beeson TITLE Drilling Clerk

DATE 10-21-91

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

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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland	2696	2840	Coal, 3400 units gas	Ojo Alamo	2070	2070
Pictured Cliffs	2840	2945	Sandstone, poor porosity	Kirtland	2321	2321
Cliffhouse	4517	4537	Sandstone, tight, florencences/cut	Fruitland	2696	2696
Point Lookout	5095	5298	Sandstone, fri-m-hrd, flare	Picture Cliffs	2840	2840
Tocito	6635	6674	Sandstone, tight, some gas	Mesaverde	4517	4517
Graneros	7145	7192	Sandstone, very porous, 17420 units gas, flare	Mancos	5290	5290
Dakota	7246	TD	Sandstone, porous, flare, 6100 units	Niobrara	6164	6164
Chacra	3729	3759	Core 1-Sandstone, gas, tight	Tocito	6635	6635
Chacra	3810	3840	Core 2-Sandstone, gas, tight	Dakota	7246	7246

38. GEOLOGIC MARKERS