

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons. Divis
SUBMIT IN DUPLICATE
NM 98808
Artesia, NM

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

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. REMVR. ☐ Other _____

2. NAME OF OPERATOR: OXY USA Inc. 16696

3. ADDRESS AND TELEPHONE NO.: P.O. BOX 50250 MIDLAND, TX 79710-0250 915-685-5717

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

At surface 2050 FNL 990 FNL SWNW(E)

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED 8/24/99

12. COUNTY OR PARISH EDDY 13. STATE NM

15. DATE SPUDDED 9/1/99 16. DATE T.D. REACHED 9/19/99 17. DATE COMPL. (Ready to prod.) 11/4/99 18. ELEVATIONS (OF RKB, RT, OR, ETC.) * 3507' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9205' 21. PLUG, BACK T.D., MD & TVD 9155' 22. IF MULTIPLE COMPL., HOW MANY * 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN DCL/MCL/CZOL/CNL/GR 27. WAS WELL CORRED Yes

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 7/8" H40	48#	420'	17 1/2"	8345x-Surface	N/A
8 7/8" K55	32#	1510'	11"	6005x-Circulated	N/A
4 1/2" P110	11.6#	9205'	7 7/8"	3855x-CBL 7068'	N/A

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"		

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4SPF @ 8966-8970, 8973-8982' Total 44 holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		8966-8982'	1500gal. Nitric Acid
		" "	860gal. DQ (O ₂ Foamed) 40# Gel
			w/ 18660# 20/40 Sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11/4/99		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/28/99	24	Open		0	470	0	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
825			0	470	0		

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

35. LIST OF ATTACHMENTS 3160-5, Deviation SVY, Logs (2 sets)

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

SIGNED DAVID STEWART REGULATORY ANALYST DATE 12/2/99

*(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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
SAMPLE NUMBER	DEPTH INCHES REC.		DESCRIPTION
1	6104.0	1.0	Do1, sl calc, imp, 90% wh-ye1 flu
2	6106.0	1.0	Do1, imp, 80% wh-ye1 flu
3	8333.0	1.2	Cgl, imp-sltc mtk, 0% flu, trace cut
4	8335.0	1.8	sd, lt gry, f-med gr, sl calc, lam, 0% flu, trace cut
5	8969.0	1.3	sd, dk gry, slt-vf gr, calc incl, 0% flu, trace cut
6	8970.0	1.6	sd, dk gry, slt-vf gr, calc incl, frac fill, 0% flu, trace cut
7	8974.0	1.5	sd, brn, f-slt gr, vert frac, lam, 0% flu, trace cut
8	8975.0	1.5	sd, brn, f-med gr, calc, vert frac, 0% flu, trace cut
9	8976.0	0.3	sd, brn, f-med gr, calc, vert frac, 0% flu, trace cut
10	8978.0	1.5	sd, gry-brn, f-med gr, sl calc, 0% flu, trace cut
11	8979.0	1.7	sd, brn-gry, f-med gr, sl calc, vert frac, styl, 0% flu, trace cut
12	8980.0	1.8	sd, brn, f-med gr, vert frac, styl, 0% flu, trace cut
13	8981.0	1.1	sd, brn, f-med gr, styl, 0% flu, trace cut

COMPLETED CUTTING SIDE WALL CORES. MIRU SCHLUMBERGER AND PICKED UP AND TTH WITH DST TOOLS. TESTED FROM 8874 TO 9205. OUTSIDE PORT @ 9200 INSIDE PORT @ 8889

TEMP DEG F 154
I. HYD PSIG 4881
I. FLOW PSIG 401-375
I.S.I. PSIG 3740
F. FLOW PSIG 347-529
F.S.I. PSIG 3773
F. HYD PSIG 4831

CUSHION - 240 FT FRESH WATER
THIS DST OF THE MORROW WAS MECHANICALLY SECESSFUL. SAMPLER CONTAINED 50 CC'S OF MUD AT 300 PSI & 2 CUFT GAS. RECOVERED A TOTAL OF 559' (3.2 BLS) OF MUD CUT WITH GAS AND CUSHION. TOP RECOVERY (559' ABOVE MFE) : 51000 PPM, 315' ABOVE MFE : 83000 PPM, 90' ABOVE MFE: 135000 PPM, TOP OF MFE: 138000 PPM. RECOVERY LESS CUSHION IS 319' (2.0 BLS).
INL FLOW 13 MINS, 43# ON 1/4" CHOKE, BHP 401# TO 375#
END OF SHUT-IN (1 HR) BHP 3740# FINAL FLOW 60 MINS, 140# ON 1/4" CHOKE, BHP 347# TO 529#
END SHUT-IN 320 MINS, BHP 3773#

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wolfecamp	6076'	
Penn	7284'	
Strawn	8394'	
Atoka	8656'	
Morrow	8804'	