

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

N.M. OIL COMPANY  
FORM APPROVED  
OCTOBER 1980  
HOBBY NEW MEXICO 88240  
Revised February 28, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-93210	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RENVR. <input type="checkbox"/> Other P&A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Western Reserves Oil Company Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. Box 993, Midland, TX 79702 (915) 683-5533		8. FARM OR LEASE NAME, WELL NO. Padre Federal "13" No. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 1820' FWL At top prod. interval reported below At total depth NA NA		9. API WELL NO. 30-025-32585	
14. PERMIT NO. 15346		DATE ISSUED 17-08-94	
15. DATE SPUDDED 7-21-94		16. DATE T.D. REACHED 8-06-94	
17. DATE COMPL. (Ready to prod.) NA		18. ELEVATIONS (OF RKB, RT, GR, ETC.)* 4376' RKB	
19. ELEV. CASINGHEAD 4360'		12. COUNTY OR PARISH Lea	
20. TOTAL DEPTH, MD & TVD 8,344'		21. PLUG, BACK T.D., MD & TVD P&A	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* NA (Tested Abo8296-8312 & San Andres 4260-4294)		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Compensated Neutron		27. WAS WELL CORRED No	

29. 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
8 5/8"/J-55	24	1,703'	12 1/4"	Surf-855 sks "C"	0
5 1/2"/J-55	15.5 & 17	8,344'	7 7/8"	TOC @ 2900'. DV tool @ 4,800'. Stage I: 250 sks	2,850'
				Stage II: 450 sks	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA					NA		

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8296-8312, .47", 17 holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4260-4294, .47", 35 holes		8296-8312	2500 gals 15% NEFE HCl
		4260-4294	3250 gals 15% NEFE HCl

33.* PRODUCTION				WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION NA	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			Dry Hole	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	WATER—BBL.	GAS—OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—BBL.	WATER—BBL.
					OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY
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35. LIST OF ATTACHMENTS Sundry Notices, Deviation Record, GR-CNL log
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED <u>Christopher P. Renaud</u> TITLE <u>Contract Engineer</u> DATE <u>12-22-94</u>

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.
Abo	8296	8312	Production tested wet
San Andres	4260	4294	Production tested wet

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	4250	4250
Abo	7300	7300
Abo Carbonate	8250	8250

RECEIVED

Dec 27 8 11 34

WELL NAME AND NUMBER: PADRE FEDERAL "13" #1  
LOCATION: Sec.13 T9S R32E LEA CO.  
OPERATOR: WESTERN RESERVES  
DRILLING CONTRACTOR: ZIADRIL, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well, and that he has conducted deviation tests and obtained the following results:

<u>DEGREES AND DEPTH</u>	<u>DEGREES AND DEPTH</u>	<u>DEGREES AND DEPTH</u>
.50 215'	.75 4663'	1.00 8042'
.25 699'	.50 5013'	.50 8288'
.50 1197'	1.75 5359'	
1.00 1663'	1.00 5495'	
1.25 2014'	1.25 5735'	
.75 2360'	1.00 6078'	
1.75 2671'	.25 6421'	
1.00 3353'	.75 6762'	
.50 3694'	.25 6863'	
.25 3959'	.75 7216'	
.50 4318'	.25 7623'	

Drilling Contractor: ZIADRIL, Inc.

By Billy Jensen  
Billy Jensen

Subscribed and sworn to before me this 9th day of August, 1994

My commission Expires:

September 13, 1996

Virginia G. Perry  
Notary Public  
Lea County, New Mexico