

WELL NAME AND NUMBER Texaco Federal #1

LOCATION ²⁶⁶⁰ 1980' FSL & 1980' FWL, Section 14, T19S, R33E, Lea County, New Mexico
(New Mexico give U.S.T. & R. - Texas give S, BLK, SURV. and TWP)

OPERATOR Manzano Oil Corp. - P.O. Box 2107 - Roswell, New Mexico 88202-2107

DRILLING CONTRACTOR ZIADRIL, Inc. - P.O. Box 1860 - Hobbs, New Mexico 88241-1860

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:

Degrees and Depth	Degrees and Depth	Degrees and Depth	Degrees and Depth
1/2 254	3/4 5730	2-1/4 10109	3/4 12400
3/4 500	1 6225	2-1/4 10260	3/4 12943
3/4 1011	1/2 6730	2-3/4 10418	1/4 13273
1/2 1537	1 7220	3-1/2 10512	1 13650
1 2044	1 7717	3 10636	
1/4 2541	1-1/4 8070	2-3/4 10729	
3/4 3041	2-1/4 8560	2-3/4 10829	
3/4 3543	1-1/2 8714	2-3/4 10919	
3/4 4044	3/4 8993	1-1/2 11044	
1/4 4500	1-1/4 9489	1-1/4 11120	
3/4 4840	1-1/2 9614	1/4 11606	
1 5200	2-1/2 10015	1 12051	

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MAR 26 8 40 AM '90
CARL AREA HEADQUARTERS

Drilling Contractor ZIADRIL, Inc.

By Wiley Gilmore
Wiley Gilmore - Marketing Manager

Subscribed and sworn to before me this 6th day of February 19 90

My Commission expires:

05/05/90

Julie M. Hopper
Notary Public - Julie M. Hopper
Lea County, New Mexico