

WELL NAME AND NUMB.

Wynell Federal #1

LOCATION 2310' FSL & 660' FE:, Section 15, T-19S, R-33E, Lea County, New Mexico
 (New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)

OPERATOR

Manzano Oil Corporation

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DRILLING CONTRACTOR

MORANCO Drilling, Inc.

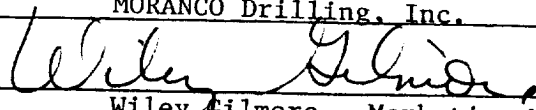
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees and Depth	Degrees and Depth	Degrees and Depth	Degrees and Depth
1/2 245	1/4 4429	2 1/2 9069	1/2 12356
1/4 500	1 4905	2 3/4 9224	1/2 12605
1/2 1011	3/4 5186	2 1/4 9379	0 13154
1/2 1505	1 5683	1 1/2 9582	1/4 13700
1/2 2004	1 6177	1 3/4 10066	
3/4 2506	3/4 6673	2 1/2 10571	
2 1/2 3080	0 7222	2 1/2 10697	
2 3166	3/4 7732	1 1/2 10854	
1 1/2 3258	1/4 8225	2 10975	
1 3446	2 3/4 8724	1 3/4 11229	
1/2 3757	2 3/4 8822	1/2 11558	
1/2 4158	2 3/4 8915	1/4 11949	

Drilling Contractor

MORANCO Drilling, Inc.

By



Wiley Gilmore, Marketing Manager

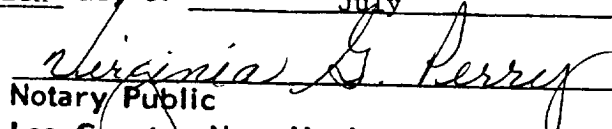
Subscribed and sworn to before me this 11th day of

July

1989

My Commission expires:

September 13, 1992


 Notary Public

Lea County, New Mexico