

WELL NAME AND NUMBER Amerada Federal #1

LOCATION 1980/N 660/E Section 31, T-14S, R-35E, 11/267
(New Mexico give U.S.T&R: TEXAS GIVE S,BLK,SURV. & TWP)

OPERATOR Olen F. Featherstone

DRILLING CONTRACTOR Moran Oil Producing and Drilling Corporation

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 @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/2 200	1 4458	1/2 8658	
3/4 380	1 4500	3/4 9200	
1/2 870	1/2 4870	1 9524	
3/4 1353	1 5139	1 9715	
1/2 1715	1 5540	1 10,115	
1/2 2000	1 6030	1/2 10,237	
3/4 2217	1 6238	3/4 10,660	
1 2400	1 6574		
1 2805	1/2 6937		
3/4 3110	1/2 7266		
1/2 3400	1/2 7489		
3/4 3893	1/2 7969		
1-1/4 4120	1/2 8210		

Drilling Contractor MORAN OIL PRODUCING & DRILLING CORP.

By

R. M. Moran
R. M. Moran

Subscribed and sworn to before me this 10th day of November, 1967

My Commission expires:
April 1, 1970

Wayne L. Loring
Notary Public
Lea County, New Mexico