

WELL NAME AND NUMBER Rifle Federal No. 2

LOCATION 660/N 1980/W Section 28, T21S, R26E, Eddy County, New Mexico  
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Hanagan Petroleum Corporation

DRILLING CONTRACTOR MORANCO

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	144	1	4711	2 3/4	9356		
1	326	1/2	4965	2 3/4	9817		
1	691	1	5340	2 3/4	10,209		
1 1/4	930	1 1/4	5660	2 3/4	10,600		
1 1/4	1261	1	6133	2 3/4	11,154		
1	1575	1	6429	3/4	11,280		
3/4	2075	1 1/2	6725				
1	2340	1 1/2	7127				
3/4	2792	1 3/4	7528				
3/4	3168	1 3/4	8002				
3/4	3646	1 3/4	8475				
1/2	4181	1 1/4	8949				

Drilling Contractor MORANCO

By Jerry Gilbert  
Jerry Gilbert, Vice President Engineering

Subscribed and sworn to before me this 15th day of February 19 79

