

Well Name and Number: Smith Federal #2

Location: Sec. 11, T23S, R23E, Eddy County, NM

Operator: Marathon Oil Company

Drilling Contractor: McVay Drilling Company

The undersigned 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	
1/4	237	2 1/4	5302		
2	725	2	5551		
2	900	1 3/4	5750		
1	1220	1 1/4	6270		
1/2	1535	3/4	6768		
1 3/4	2033	1 1/4	7268		
1	2560				
1 1/4	3053				
1 1/4	3551				
1	4042				
1	4537				
2	5059				

Drilling Contractor: McVay Drilling Company

By: [Signature]

Subscribed and sworn to before me this 29th day of Sept., 1997.

[Signature]
Notary Public

My Commission Expires: 8-16-2001

Lea County, New Mexico