

Well Name and Number: Roaring Springs 13 Fed 4

Location: Sec. 13, T21S, R23E, Eddy County, New Mexico

Operator: Santa Fe Energy Resources

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:

<u>Degrees @ Depth</u>		<u>Degrees @ Depth</u>		<u>Degrees @ Depth</u>	
¾	293	2	5923		
1 ¾	735	1 ¾	6412		
2	920	2	6967		
1 ¼	1210	1 ¼	7370		
1	1476	¼	7863		
¾	1965	¾	8301		
½	2463	¾	8800		
¾	2963	1	9295		
½	3462	½	9700		
¾	3962				
1	4460				
1 ½	4955				
2	5446				

Drilling Contractor: McVay Drilling Company

By: Joe Hlynski

Subscribed and sworn to before me this 28th day of February, 1997.

Tina Hlynski  
Notary Public

My Commission Expires: 8-16-97

Lea County, New Mexico