

Terry McLullough

Well Name and Number: Gaucho "21" Federal #1

Location: Sec. 21, T22S, R34E, Lea County, New Mexico

Operator: Santa Fe Energy Resources, Inc.

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	
¼	193	¾	8064		
½	487	1 ½	8579		
2	1003	2 ½	8865		
2	1162	2 ¾	9028		
1 ½	1450	2 ½	9124		
2 ½	1704	2 ½	9286		
3	1930	1 ¾	9444		
2 ½	2215	2	9539		
1 ½	2493	1 ¾	9668		
1 ¼	2808	2 ¼	9766		
1 ½	3324	1 ¾	9897		
1 ½	3652	2 ¼	10055		
1 ¼	4044	2	10408		
1 ½	4234	2 ¾	10729		
1 ¼	5180	2 ¼	10953		
¼	5684	3	11504		
1	6153	2 ½	11880		
1	6651	3	12103		
1	7176	2 ¾	12290		
2 ½	7618	2 ½	12780		
		2	13182		

Drilling Contractor: McVay Drilling Company

By: *John Hlyan*

Subscribed and sworn to before me this 22nd **day of** October, 1998.

Jina Hlema

Notary Public

My Commission Expires: 8-16-01

Lea County, New Mexico