

**Well Name and Number:** Old Ranch Canyon 7 Federal #5

**Location:** Sec. 7, T22S, R24E, 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 140	1 ½ 5982	
¾ 287	1 ¼ 6472	
¾ 490	1 6871	
1 979	¾ 7378	
1 ½ 1552	¾ 7859	
1 ¼ 2038	1 ¼ 8008	
1 ½ 2536	1 ¼ 9021	
1 ½ 3029	¼ 9501	
1 3519	2 ¾ 10130	
1 ½ 4020	1 ¼ 11500	
1 ¼ 4513		
2 5012		
1 ½ 5483		

**Drilling Contractor:** McVay Drilling Company

By: Jan Hlynsky

Subscribed and sworn to before me this 17th day of May, 1999

Tina Hlomas  
Notary Public

My Commission Expires: 8-16-01

Lea County, New Mexico