

Well Name and Number: Jones Canyon "4" Federal #4

Location: Sec. 4, T22S, R24E, Eddy 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:

<u>Degrees @ Depth</u>		<u>Degrees @ Depth</u>		<u>Degrees @ Depth</u>	
1/2	1611	3 3/4	5853		
1/4	2096	3	5979		
1/2	2563	3	6132		
3/4	3089	2 1/4	6288		
3/4	3586	2 1/4	6537		
1	4093	1 1/2	6849		
1 3/4	4580	1	7364		
2 3/4	5079	2	7657		
3 1/4	5240				
3	5325				
2 3/4	5418				
3	5512				
3 3/4	5666				
3 3/4	5761				

Drilling Contractor: McVay Drilling Company

By: *Joe Hilgen Jr.*

Subscribed and sworn to before me this 23rd day of December, 1998.

*Jana Fleming*  
Notary Public

My Commission Expires: 8-16-01

Lea County, New Mexico