

Well Name and Number: Vaca "14 Federal #1

Location: Sec. 14, T25S, R33E, Lea County, NM

Operator: Enron Oil & Gas 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 ¼ 372	¾ 6320	
¾ 650	¾ 6814	
½ 960	¾ 7314	
1 1435	¾ 7810	
1 ¼ 1744	¾ 8290	
1 ½ 2235	¾ 8401	
1 ¼ 2735	¾ 8933	
1 3222	¾ 9433	
1 ½ 3715	¾ 9928	
3 4210	1 10428	
2 ¾ 4491	¾ 10915	
2 4845	1 11413	
1 ¾ 5325	1 11937	
1 ½ 5822	½ 12079	
	1 12559	

Drilling Contractor: McVay Drilling Company

By: Jan Wagoner

Subscribed and sworn to before me this 10th day of Oct, 1997.

Jana Hemmings
Notary Public

My Commission Expires: 8-16-2001

Lea County, New Mexico