

Well Name and Number: H. Courtman 4 #1

Location: Sec. 4, T19S, R28E, Eddy County, New Mexico

Operator: Marathon Oil 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	
¾	3440	2	8015		
¾	3903	1 ¾	8299		
¾	4430	2	8658		
¾	4834	2	8943		
1 ¼	5307	4	9548		
1 ¼	5803	2 ¾	10044		
2	6331	1 ½	10461		
1 ¼	6563	1 ½	11103		
1 ¼	7059				
1	7359				

Drilling Contractor: McVay Drilling Company

By: Jan Wynn Jr

Subscribed and sworn to before me this 27th day of April, 1998.

Sara Fleming
Notary Public

My Commission Expires: 8-16-01

Lea County, New Mexico