

Well Name and Number: Vaca Draw 20 Federal #1

Location: Sec. 29, T25S, R33E, Lea County, New Mexico

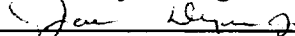
Operator: EOG Resources

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:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
3/4	144	1	6284	1 1/4	12120
1/2	374	1/2	7266	2	12870
1 1/2	650	1/2	7677	1 1/2	13416
1 1/2	1040	1/2	7766	1	14200
1	1616	3/4	8260		
1	2092	3/4	8337		
1	2596	1/2	9245		
1	3075	3/4	9756		
1	3582	2	10176		
1 1/4	4058	2	10658		
1	4375	2	10908		
1	5272	2	11155		
1	5701	2	11624		

Drilling Contractor: McVay Drilling Company

By: 

Subscribed and sworn to before me this 4th day of January, 2000.


Notary Public

My Commission Expires: 9-16-2001

Lea County, New Mexico

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