

Well Name and Number: Jamoca Federal #1

Location: Sec. 29, T17S, R31E, Eddy County, NM

Operator: Oxy USA, 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:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/4 202	1 1/4 5694	1/2 8699
1/4 430	1 3/4 6201	1/2 9195
3/4 709	2 3/4 6680	1 9694
1 1/4 1090	2 1/2 6835	2 1/4 9974
1 1/2 1562	4 3/4 7087	2 1/4 10071
1 3/4 1913	4 3/4 7118	2 3/4 10195
2 2324	5 1/4 7261	2 1/4 10290
2 3/4 2830	4 3/4 7336	3 1/2 10382
2 3/4 3083	4 1/2 7450	3 10413
3 3337	3 3/4 7670	3 10445
3 1/4 3558	3 3/4 7765	2 3/4 10585
3 3719	3 1/4 7856	2 1/2 10628
2 3908	2 3/4 7952	2 1/4 10723
2 4097	2 1/4 8079	2 1/4 10817
1 1/2 4287	2 8203	2 1/2 10913
3/4 4711	2 8326	2 11009
3/4 5217	1 8451	2 3/4 11196
		2 11285
		2 1/4 11380
		2 1/2 11693
		3 1/2 11909



Drilling Contractor: McVay Drilling Company

By: Jina F. Clements

Subscribed and sworn to before me this 29th day of October, 2002

Jina F. Clements
Notary Public

My Commission Expires: 8-16-05

Lea County, New Mexico