

AMOCO PRODUCTION COMPANY

State IV Well No. 1 Rig #10
2310 FSL 660' FWL of Sec. 31, T-17S, R-36E
Lea County, New Mexico



Deviation Survey

Depth	Degrees	Depth	Degrees
400'	1/4°	8690	3-3/4
947	1/4°	8802	3-3/4
1450	1/4°	9063	2-3/4
1943	1/4°	9180	2-3/4
2444	3/4°	9372	3-1/4
3287	1/2°	9526	3
3787	3/4°	9637	3
4290	3/4°	9700	2-3/4
4490	3/4°	9900	2-3/4
4728	3/4°	10120	2-3/4
5130	1-1/4	10320	2-3/4
5486	1	10750	3
5843	1/2°	11028	4
6247	1/2°	11135	4-1/4
6511	3/4°	11225	3-1/4
7007	1/4°	11409	1
7450	3/4°	10504	3/4°
7930	1-1/4	11645	3/4°
8320	3-1/4	11770	1/2°
8350	3-1/4	12036	3/4°
8425	3	12218	1
8524	3-3/4		
8555	3-1/2		

The above is true and correct to the best of my knowledge.

Mark Freeman
Assist. Admin. Analyst

Subscribed and sworn to before me this 7th day of April, 1982.

Notary Public in and for Lea County, New Mexico

