

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

<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>
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		

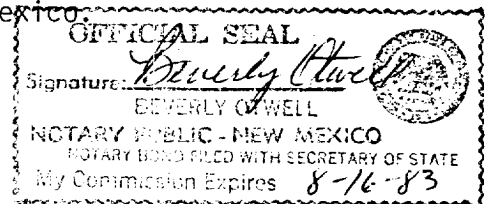
The above is true and correct to the best of my knowledge.

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.



RECEIVED

APR 13 1982

G.C.O.
HOBBS OFFICE