

Pubco #38 State AN
P-20-12S-33E
Lea County

DEVIATION RECORD

<u>Depth</u>	<u>Deviation(in degrees)</u>	<u>Depth</u>	<u>Deviation(in degrees)</u>
300	1	5450	2
800	1-1/4	5869	1-1/2
1300	1-1/2	6272	1
1800	1-1/4	6570	1-1/4
2306	3/4	6900	1-1/4
2470	3/4	7180	1
2984	3	7870	3/4
3074	3	8042	1-3/4
3153	2-1/4	8353	1-3/4
3273	2-1/2	8580	1
3334	3/4	8900	2
3397	1-1/2	9013	1
3482	1	9400	2-1/4
3580	1-1/2	9600	2-3/4
3669	2	9790	1-1/2
3760	2	10040	2
4230	1	10312	1-3/4
4515	1-1/2	10500	1-1/2
4845	1		

I certify that the above is a complete and accurate record of the deviation surveys obtained during the drilling of this well.

Charles E. Ramsey, Jr.
Charles E. Ramsey, Jr.
Area Production Manager
Pubco Petroleum Corporation

Subscribed and sworn to before me this 14th day of October, 1968.

Patricia M. Jones
Notary Public

My Commission Expires 12, 1971