

Mountain States Petroleum Corporation

Antweil State No. 1
990 FSL and 330 FEL, Sec. 27-10S-32E
Lea County, New Mexico

Record of Deviation Surveys

<u>Depth</u>	<u>Angle</u>
374'	1/4°
780'	1/2°
1650'	3/4°
2200'	1/2°
2653'	3/4°
2950'	1/4°
3290'	1/2°
3475'	3/4°
3860'	1 1/2°
4322'	3/4°

I hereby certify that the deviation surveys shown were obtained by standard single-shot instrument during the drilling of this well, and that the same are true and correct to the best of my knowledge and belief.



C. R. Appledorn
Petroleum Engineer

STATE OF NEW MEXICO)
County of Chaves)

The foregoing instrument was acknowledged before me this 2nd day of September, 1970 by C. R. Appledorn.


Notary Public

My Commission expires 10-12, 1972.