

P E N N Z O I L C O M P A N Y

Aztec State No. 1
Section 18, T-16-S, R-37-E
Lea County, New Mexico

WELL DEVIATION RECORD

Deviation (degrees)	Depth (feet)
$\frac{1}{2}$	371
$\frac{3}{4}$	975
$\frac{1}{2}$	1737
1 $\frac{3}{4}$	2078
$\frac{1}{2}$	2366
$\frac{1}{2}$	2642
$\frac{1}{2}$	3048
1 $\frac{1}{2}$	3360
$\frac{3}{4}$	4238
$\frac{3}{4}$	4350
1	4729
$\frac{3}{4}$	5227
$\frac{3}{4}$	5844
1	6390
$\frac{3}{4}$	6747
$\frac{3}{4}$	7358
$\frac{3}{4}$	7790
1	8565
$\frac{1}{2}$	8880
$\frac{1}{2}$	9100
$\frac{1}{2}$	9467
$\frac{1}{2}$	9725
$\frac{3}{4}$	9867
$\frac{1}{2}$	10,005
1 $\frac{3}{4}$	10,636
$\frac{3}{4}$	10,760
$\frac{1}{2}$	10,826
$\frac{1}{2}$	11,110
1 $\frac{3}{4}$	11,422
1 $\frac{3}{4}$	11,531

I hereby certify that the above information is true and correct to the best of my knowledge and belief.

Rodney C. Boyd
Rodney C. Boyd
Petroleum Engineer

Subscribed and sworn to before me this 1st day of February, 1968.

Raymond Johnson
Notary Public

My Commission Expires: 6-1-69