

WELL NAME AND NUMBER Abel Hale Federal No. 1

LOCATION Section 11, T19S, R30E, Eddy County NM  
(Give Unit, Section, Township and Range)

OPERATOR Great Western Drilling Company

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4 350</u>	<u>2-3/4 4,925</u>	<u>1 8,554</u>
<u>3/4 694</u>	<u>2 1/2 4,987</u>	<u>3/4 8,867</u>
<u>1 974</u>	<u>2 1/4 5,112</u>	<u>1 9,268</u>
<u>1/2 1,252</u>	<u>1 1/2 5,267</u>	<u>1-3/4 9,700</u>
<u>1/2 1,530</u>	<u>2 5,575</u>	<u>1 1/4 9,886</u>
<u>1/2 1,844</u>	<u>2 5,794</u>	<u>1 10,516</u>
<u>1/2 1,956</u>	<u>1-3/4 6,073</u>	<u>1 1/4 10,926</u>
<u>1/2 2,154</u>	<u>1 6,290</u>	<u>1 1/4 11,520</u>
<u>1/2 2,649</u>	<u>1/4 6,569</u>	<u>1 1/2 11,617</u>
<u>1/4 3,147</u>	<u>1/4 6,817</u>	
<u>3/4 3,401</u>	<u>3/4 6,910</u>	
<u>3/4 3,700</u>	<u>3/4 7,284</u>	
<u>1/4 3,964</u>	<u>1 1/4 7,685</u>	
<u>1 1/4 4,275</u>	<u>1/2 8,088</u>	
<u>3/4 4,493</u>	<u>1 1/4 8,460</u>	
<u>3 4,863</u>		

Drilling Contractor McVay Drilling Co.

By: Joe H. Hays

Subscribed and sworn to before me this 19th day of January, 1983

Phyllis J. Cunningham  
Notary Public

My Commission Expires: January 7, 1984

Eddy County New Mexico