

WELL NAME AND NUMBER HALLWOOD 12 FEDERAL #2 Unit 17 3D-025-32167

LOCATION Section 12, T25S, R33E 33D/S + 19SD/E
(Give Unit, Section, Township and Range)

OPERATOR Enron Oil & Gas 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:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>1/2 255</u>	<u>1 1/2 4169</u>	<u>1-3/4 9253</u>
<u>1/4 454</u>	<u>1 1/4 4325</u>	<u>1 1/2 9691</u>
<u>1/4 655</u>	<u>1 1/4 4575</u>	<u>1 1/4 10124</u>
<u>1/2 1000</u>	<u>2 4828</u>	<u>1 1/4 10558</u>
<u>3/4 1404</u>	<u>2 1/4 4950</u>	<u>1 1/4 10989</u>
<u>1/4 1755</u>	<u>1 1/2 5147</u>	<u>1 11423</u>
<u>1/2 2175</u>	<u>3/4 5451</u>	<u>1 1/2 11860</u>
<u>1 2582</u>	<u>1 5760</u>	<u>1 1/2 12142</u>
<u>2 1/4 2896</u>	<u>1 6078</u>	<u>1-3/4 12600</u>
<u>2 3050</u>	<u>1 6520</u>	
<u>1-3/4 3202</u>	<u>3/4 6957</u>	
<u>2 1/4 3452</u>	<u>3/4 7391</u>	
<u>2 1/4 3641</u>	<u>1 7891</u>	
<u>2 1/4 3800</u>	<u>1 1/4 8350</u>	
<u>2 3950</u>	<u>1-3/4 8786</u>	

Drilling Contractor: McVay Drilling Company

By: John W. Wynn Jr.

Subscribed and sworn to before me this 8th day of December, 1993

Tina Flemens
Notary Public

My Commission Expires: 8-16-97 Lea County New Mexico