

WELL NAME AND NUMBER Short Fuse Federal #1 6003

LOCATION Section 11, T18S, R32E, Lea County, New Mexico
(New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)

OPERATOR Union Texas Petroleum Corporation

DRILLING CONTRACTOR MORANCO Drilling, Inc.

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 and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>3/4 250</u>	<u>1 4943</u>	<u>2 1/2 8115</u>	<u>1 10017</u>
<u>3/4 412</u>	<u>1 5120</u>	<u>2 8270</u>	
<u>1/2 615</u>	<u>1 1/4 5607</u>	<u>1 3/4 8394</u>	
<u>1/2 905</u>	<u>1 1/4 6134</u>	<u>1 8569</u>	
<u>3/4 1210</u>	<u>1 6226</u>	<u>2 8800</u>	
<u>3/4 1710</u>	<u>1 6350</u>	<u>2 1/2 8970</u>	
<u>3/4 2112</u>	<u>1/4 6629</u>	<u>2 1/4 9050</u>	
<u>1 1/4 2517</u>	<u>1/4 7100</u>	<u>2 1/4 9143</u>	
<u>1 2990</u>	<u>1/4 7310</u>	<u>1 3/4 9255</u>	
<u>1 1/4 3450</u>	<u>1/4 7619</u>	<u>2 9357</u>	
<u>1 1/4 3947</u>	<u>1 1/2 7875</u>	<u>2 9511</u>	
<u>3/4 4440</u>	<u>2 7990</u>	<u>1 9667</u>	

Drilling Contractor MORANCO Drilling, Inc.

By Wiley Gilmore
Wiley Gilmore - Marketing Manager

Subscribed and sworn to before me this 27th day of May 19 87

My Commission expires:

January 30, 1989

Susie Branyon
Notary Public Susie Branyon
Lea County, New Mexico

RECEIVED

JUN 30 1987

**CCD
HOBBS OFFICE**