

WELL NAME AND NUMBER Langley Griffin Com #1

LOCATION Section 28, T22S, R36E, Lea County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR ARCO Oil & Gas

DRILLING CONTRACTOR MORANCO

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>1/2 248</u>	<u>1 3141</u>	<u>1 8185</u>	<u>1 13660</u>
<u>1/4 497</u>	<u>3/4 3255</u>	<u>3/4 8720</u>	<u>1 1/4 13804</u>
<u>3/4 674</u>	<u>3/4 3747</u>	<u>1/2 9228</u>	<u>1 14306</u>
<u>1/2 804</u>	<u>3/4 4215</u>	<u>3/4 9731</u>	<u>1 14906</u>
<u>1 960</u>	<u>1 4685</u>	<u>1/4 9939</u>	<u>2 15090</u>
<u>1/2 1145</u>	<u>2 4960</u>	<u>3/4 10413</u>	<u>2 15325</u>
<u>3/4 1405</u>	<u>2 5465</u>	<u>3/4 10755</u>	<u>1 3/4 15475</u>
<u>3/4 1626</u>	<u>1 3/4 5735</u>	<u>3/4 11123</u>	<u>1 1/4 15650</u>
<u>1 2150</u>	<u>1 1/4 6200</u>	<u>1 1/4 11680</u>	
<u>1 2410</u>	<u>1 6705</u>	<u>1 12473</u>	
<u>3/4 2590</u>	<u>3/4 7202</u>	<u>1 12620</u>	
<u>1/2 2976</u>	<u>1 1/2 7728</u>	<u>1 1/2 13155</u>	

Drilling Contractor MORANCO

By 
Jerry Gilbert, Vice President Engineering

Subscribed and sworn to before me this 17th day of April 1980

