

WELL NAME AND NUMBER James Ranch Unit No. 4

LOCATION 2180' FSL & 660' FWL of Section 6, T-23-S. R-31-E, Eddy County, New
(New Mexico give U, S, T & R; Texas give S, Blk., Sur. & Twp. when required) Mexico

OPERATOR Belco Petroleum Corporation

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	Degrees @ Depth
<u>3/4 390'</u>	<u>1 3/4 4308</u>	<u>1 3/4 10878</u>	<u> </u>
<u>3/4 469</u>	<u>3/4 4825</u>	<u>2 11800</u>	<u> </u>
<u>3/4 1012</u>	<u>1/2 5323</u>	<u>1 1/2 11869</u>	<u> </u>
<u>1 1512</u>	<u>1/2 5825</u>	<u>1 3/4 12696</u>	<u> </u>
<u>3/4 1763</u>	<u>1/2 6106</u>	<u>1 1/4 12834</u>	<u> </u>
<u>1 1/4 2290</u>	<u>1/2 6793</u>	<u>1 13048</u>	<u> </u>
<u>3/4 2515</u>	<u>2 7076</u>	<u>3/4 13243</u>	<u> </u>
<u>3/4 2713</u>	<u>1 7202</u>	<u>1 13604</u>	<u> </u>
<u>1/2 2989</u>	<u>3/4 7470</u>	<u>1 13905</u>	<u> </u>
<u>3 1/4 3681</u>	<u>3/4 8052</u>	<u>1 1/4 14335</u>	<u> </u>
<u>3 1/4 3143</u>	<u>3/4 8648</u>	<u> </u>	<u> </u>
<u>3 3774</u>	<u>1 9140</u>	<u> </u>	<u> </u>
<u>3 3837</u>	<u>3/4 9360</u>	<u> </u>	<u> </u>
<u>2 4059</u>	<u>1 10021</u>	<u> </u>	<u> </u>

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U. S. GEOLOGICAL SURVEY
ATLANTA, GEORGIA

Drilling Contractor McVAY DRILLING COMPANY

By C. R. McVay
C. R. McVay

Subscribed and sworn to before me this 22nd day of October, 1973

My Commission Expires:
June 24, 1974

Margaret J. Durham
Notary Public
Tulsa County, Oklahoma