

RECEIVED

WELL NAME & NUMBER S. Culebra Bluff #23-4 MAY 11 '90
 LOCATION Eddy County, New Mexico 05 23 28
 (Give Unit, Section, Township and Range) O. C. D.
ARTSIA, OFFICE
 OPERATOR R.B. Operating 2412 N. Grandview Suite 201 Odessa, TX
 DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, TX 79768

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>0.75 - 220</u>	<u>2.50 - 2364</u>	<u> </u>	<u> </u>
<u>0.50 - 555</u>	<u>2.25 - 2466</u>	<u> </u>	<u> </u>
<u>0.25 - 705</u>	<u>2.50 - 2559</u>	<u> </u>	<u> </u>
<u>0.50 - 869</u>	<u>2.00 - 2682</u>	<u> </u>	<u> </u>
<u>1.00 - 1027</u>	<u>2.00 - 2806</u>	<u> </u>	<u> </u>
<u>0.25 - 1141</u>	<u>1.25 - 2950</u>	<u> </u>	<u> </u>
<u>1.75 - 1335</u>	<u>1.00 - 3227</u>	<u> </u>	<u> </u>
<u>2.00 - 1428</u>	<u>0.75 - 3483</u>	<u> </u>	<u> </u>
<u>1.75 - 1550</u>	<u>0.50 - 3977</u>	<u> </u>	<u> </u>
<u>2.00 - 1640</u>	<u>0.75 - 4468</u>	<u> </u>	<u> </u>
<u>2.00 - 1762</u>	<u>0.25 - 4949</u>	<u> </u>	<u> </u>
<u>2.75 - 1914</u>	<u>1.00 - 5451</u>	<u> </u>	<u> </u>
<u>2.00 - 2006</u>	<u>1.50 - 5942</u>	<u> </u>	<u> </u>
<u>1.75 - 2129</u>	<u>1.50 - 6305</u>	<u> </u>	<u> </u>
<u>2.00 - 2252</u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor Grace Drilling
 By A. Hauer

Subscribed and sworn to before me this 23 day of March, 1990

Richard L. Wadell
 Notary Public

My Commission Expires 6/30/90

Ector County Texas