

WELL NAME AND NUMBER EMPIRE SOUTH DEEP LIMIT WELL No. 7

LOCATION SECTION 30, T-17-S, R-29-E, EDDY COUNTY, NEW MEXICO
(New Mexico give U, S, T & R; Texas give S, Blk., Sur. & Twp. when required)

OPERATOR AMOCO PRODUCTION COMPANY

DRILLING CONTRACTOR SHARP DRILLING Co., 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:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>1/2 114</u>	<u>1 3486</u>	<u>4 6440</u>	<u>1/2 8630</u>
<u>3/4 285</u>	<u>1 1/2 3922</u>	<u>4 1/4 6620</u>	<u>1/4 8913</u>
<u>3/4 425</u>	<u>1 4174</u>	<u>4 1/4 6681</u>	<u>1/2 9380</u>
<u>1 1/4 850</u>	<u>1 1/4 4456</u>	<u>3 3/4 6787</u>	<u>3/4 9524</u>
<u>1 1/4 1134</u>	<u>1 1/2 4767</u>	<u>4 6880</u>	<u>1 9925</u>
<u>1 1634</u>	<u>1 3/4 5046</u>	<u>4 6980</u>	<u>3/4 10130</u>
<u>1 1/2 2094</u>	<u>2 1/4 5266</u>	<u>4 7100</u>	<u>3/4 10600</u>
<u>1 3/4 2190</u>	<u>2 1/4 5446</u>	<u>4 1/4 7218</u>	<u>1/2 10780</u>
<u>1 3/4 2283</u>	<u>2 1/2 5614</u>	<u>3 3/4 7350</u>	<u>1/2 10982</u>
<u>1 1/2 2370</u>	<u>2 1/2 5690</u>	<u>3 3/4 7446</u>	
<u>1 1/2 2505</u>	<u>3 1/2 6025</u>	<u>3 3/4 7625</u>	
<u>1 3/4 2630</u>	<u>3 1/2 6100</u>	<u>3 1/4 7822</u>	
<u>2 2880</u>	<u>4 6195</u>	<u>3 1/2 8120</u>	
<u>1 2996</u>	<u>3 3/4 6315</u>	<u>2 1/4 8316</u>	

Drilling Contractor SHARP DRILLING Co., INC.

By R. E. Cross Jr.
R. E. CROSS JR.

Subscribed and sworn to before me this 16TH day of JULY 19 75

Det Buchanan
Notary Public

My Commission Expires:

JUNE 1, 1977

MIDLAND County, TEXAS