

WELL NAME A. NUMBER EMPIRE SOUTH DE - UNIT WELL No. 9

LOCATION SECTION 5, T-18-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>1/2 140</u>	<u>2 5580</u>	<u>4 7268</u>	
<u>1 400</u>	<u>4 6064</u>	<u>3 3/4 7410</u>	
<u>3/4 890</u>	<u>4 3/4 6377</u>	<u>2 1/4 7760</u>	
<u>3/4 1332</u>	<u>4 1/2 6439</u>	<u>1 3/4 7890</u>	
<u>3/4 1835</u>	<u>5 6502</u>	<u>3/4 8041</u>	
<u>1 2284</u>	<u>4 1/2 6530</u>	<u>3/4 8505</u>	
<u>3/4 2720</u>	<u>5 6542</u>	<u>3/4 8975</u>	
<u>1 3285</u>	<u>5 6610</u>	<u>1/4 9660</u>	
<u>3/4 3686</u>	<u>4 3/4 6700</u>	<u>1/4 10162</u>	
<u>1 1/2 4166</u>	<u>4 3/4 6806</u>	<u>1 1/4 10413</u>	
<u>1 1/2 4290</u>	<u>5 6982</u>	<u>1 1/4 10850</u>	
<u>1 1/2 4510</u>	<u>5 7042</u>	<u>1 1/4 11180</u>	
<u>2 4949</u>	<u>4 3/4 7130</u>		
<u>3 5420</u>	<u>4 3/4 7160</u>		

Drilling Contractor SHARP DRILLING Co. Inc.

By

R. E. Cross Jr.
(R. E. CROSS JR.)
JULY 19 76

Subscribed and sworn to before me this 27th day of

My Commission Expires:

JUNE 1, 1977

RECEIVED

AUG 26 1976

U. S. GEOLOGICAL SURVEY
ARTESIAN, NEW MEXICO

Notary Public

MIDLAND County, TEXAS