

WELL NAME AND NUMBER Federal LS Com No. 1  
 LOCATION Section 25, T-20-S, R-34-E, Lea Co, New Mexico  
 (Give Unit, Section, Township and Range)  
 OPERATOR Chama Petroleum Company Newburg Prod Co.  
 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
<u>1/4° 291'</u>	<u>3/4° 6417'</u>	<u>1° 11766'</u>
<u>1 553</u>	<u>1 6882</u>	<u>1 12213</u>
<u>1 833</u>	<u>1 7269</u>	<u>3/4 12375</u>
<u>1/2 1338</u>	<u>1/2 7550</u>	<u>1/2 12830</u>
<u>3/4 1738</u>	<u>1 8048</u>	<u>1 1/4 13625</u>
<u>1/2 2000</u>	<u>3/4 8521</u>	<u>3/4 13874</u>
<u>3/4 2416</u>	<u>2 1/2 8962</u>	<u>1 13988</u>
<u>1 2821</u>	<u>3/4 9262</u>	<u>3/4 14500</u>
<u>1 3291</u>	<u>1 9627</u>	
<u>2 3570</u>	<u>3/4 10154</u>	
<u>1 3/4 3730</u>	<u>1/2 10250</u>	
<u>3/4 4105</u>	<u>1 10680</u>	
<u>3/4 4963</u>	<u>1 11158</u>	
<u>1 3/4 5500</u>	<u>1 11356</u>	
<u>3/4 5903</u>	<u>1 11519</u>	

Drilling Contractor Sharp Drilling Co, Inc  
 By: [Signature]

Examined and sworn to before me this 20 day of February, 1966

[Signature]  
 Notary Public

By Completion Expires: 6-30-88 Midland County Tex