

WELL NAME AND NUMBER Allied Federal "21" No. 1
LOCATION 1980' FSL & 1980' FEL Section 21, T-24-S, R-26-E
(New Mexico give U,S,T & R; Texas give S,Blk.,Sur.& Twp.when required)
OPERATOR Pennzoil United, Inc.
DRILLING CONTRACTOR Sharp 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>1/2 @ 170'</u>	<u>3/4 @ 4,875'</u>	<u>1-1/2 @ 8,695'</u>	<u>1-1/2 @ 10,490'</u>
<u>1 @ 370'</u>	<u>3-1/4 @ 4,811'</u>	<u>1-1/2 @ 8,850'</u>	<u>1-3/4 @ 10,575'</u>
<u>1/2 @ 651'</u>	<u>3-1/4 @ 4,869'</u>	<u>1-1/2 @ 8,910'</u>	<u>3/4 @ 10,890'</u>
<u>1-1/2 @ 1,090'</u>	<u>2-1/2 @ 4,943'</u>	<u>1-3/4 @ 9,000'</u>	<u>1/4 @ 11,085'</u>
<u>2 @ 1,390'</u>	<u>2-1/4 @ 5,160'</u>	<u>1-3/4 @ 9,100'</u>	<u>1/2 @ 11,250'</u>
<u>1-1/2 @ 1,560'</u>	<u>1-3/4 @ 5,240'</u>	<u>1-1/2 @ 9,220'</u>	<u>1/2 @ 11,435'</u>
<u>1-3/4 @ 1,790'</u>	<u>2-1/2 @ 5,600'</u>	<u>1-3/4 @ 9,377'</u>	<u>1/2 @ 11,528'</u>
<u>1-3/4 @ 1,966'</u>	<u>1-3/4 @ 5,940'</u>	<u>1-3/4 @ 9,490'</u>	
<u>1-1/2 @ 2,217'</u>	<u>1-3/4 @ 6,250'</u>	<u>1-1/4 @ 9,760'</u>	
<u>1-1/4 @ 2,400'</u>	<u>1 @ 6,540'</u>	<u>1-3/4 @ 9,895'</u>	
<u>3/4 @ 2,880'</u>	<u>3/4 @ 6,929'</u>	<u>1-1/2 @ 10,007'</u>	
<u>3/4 @ 3,440'</u>	<u>3/4 @ 7,310'</u>	<u>1-3/4 @ 10,110'</u>	
<u>1 @ 3,840'</u>	<u>1 @ 7,640'</u>	<u>1-3/4 @ 10,340'</u>	
<u>1/2 @ 4,195'</u>	<u>2 @ 8,400'</u>	<u>1 @ 10,410'</u>	

Drilling Contractor Sharp Drilling Company

By R. E. Throckmorton
R. E. Throckmorton

Subscribed and sworn to before me this 4th day of March, 19 69

Norma G. Perry
Notary Public

My Commission Expires:
6/1/69

RECEIVED
MAR 17 1969
U. S. GEOLOGICAL SURVEY
LABORATORY, DENVER, COLORADO

Midland County, Texas