

WELL NAME AND NUMBER Smith Federal #1

LOCATION Section 1 T-21-S, R-23-E Eddy County, New Mexico
(New Mexico give U,S,T&R; Texas give S,Blk.,Surv.& Twp.when required)

OPERATOR The Atlantic Refining Company

DRILLING CONTRACTOR Moran Oil Producing & Drilling Corp.

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SEP 30 1965
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 1/2 212</u>	<u>2 3087</u>	<u>1 6795</u>	<u>1 1/2 9700</u>
<u>3/4 228</u>	<u>1 3/4 3340</u>	<u>2 1/4 7405</u>	
<u>1 1/2 515</u>	<u>1 3/4 3592</u>	<u>2 7710</u>	
<u>1 3/4 690</u>	<u>1 3/4 3753</u>	<u>1 1/2 7882</u>	
<u>1 3/4 902</u>	<u>1 3/4 4193</u>	<u>1 8082</u>	
<u>2 1/4 1276</u>	<u>2 1/4 4445</u>	<u>1 1/2 8254</u>	
<u>2 1/4 1622</u>	<u>2 4696</u>	<u>2 8360</u>	
<u>2 3/4 1811</u>	<u>2 4917</u>	<u>3/4 8482</u>	
<u>2 3/4 1936</u>	<u>2 1/4 5106</u>	<u>1 1/4 8760</u>	
<u>2 3/4 2039</u>	<u>2 1/2 5323</u>	<u>1 1/4 9118</u>	
<u>2 1/4 2153</u>	<u>3 5606</u>	<u>1 3/4 9345</u>	
<u>2 2247</u>	<u>2 5760</u>	<u>2 9473</u>	
<u>1 1/2 2420</u>	<u>1 6293</u>	<u>2 9547</u>	
<u>2 2687</u>	<u>3/4 6490</u>	<u>1 1/2 9650</u>	

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OCT 4 1965

D. C. C.
ARTESIA, OFFICE

Drilling Contractor MORAN OIL PROD. & DRLG. CORP.

By K. D. McPeters
K. D. McPeters

Subscribed and sworn to before me this 22nd day of September, 1965

My Commission Expires:
August 7, 1969

Leopoldo Juan Peters
Notary Public
Lea County, New Mexico