

WELL NAME AND NUMBER Shell Federal #1

LOCATION 1980/N & 660/E, Section 1, T20S, R28E, Eddy Co., New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Penroc Oil Corporation

DRILLING CONTRACTOR MORANCO

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:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/4 150</u>	<u>2 1/2 3961</u>	<u>3 1/4 6373</u>	<u>1 3/4 9212</u>
<u>1/4 376</u>	<u>2 1/4 4118</u>	<u>2 1/2 6478</u>	<u>1 3/4 9748</u>
<u>1 1/4 825</u>	<u>2 1/4 4251</u>	<u>2 1/2 6642</u>	<u>2 10,275</u>
<u>1 1/2 1234</u>	<u>2 3/4 4650</u>	<u>1 1/4 6819</u>	<u>3/4 10,870</u>
<u>2 1/4 1717</u>	<u>3 1/2 4837</u>	<u>1 1/2 7111</u>	<u>3/4 11,415</u>
<u>1 1/2 1936</u>	<u>2 3/4 5179</u>	<u>1/2 7484</u>	
<u>2 1/2 2400</u>	<u>2 1/2 5430</u>	<u>3/4 7758</u>	
<u>2 2620</u>	<u>2 3/4 5575</u>	<u>3 1/4 8257</u>	
<u>1 3/4 2931</u>	<u>2 1/2 5690</u>	<u>2 3/4 8390</u>	
<u>2 3250</u>	<u>2 3/4 5869</u>	<u>2 1/2 8650</u>	
<u>2 1/4 3523</u>	<u>2 1/2 5941</u>	<u>2 8704</u>	
<u>3 3804</u>	<u>3 6237</u>	<u>1 3/4 8910</u>	

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MAY 20 1975

D.C.C.

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert, Drilling Engineer

Subscribed and sworn to before me this 13th day of May 19 75

My Commission expires:

April 1, 1978

Wayne Sumner
Notary Public
Lea County, New Mexico

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MAY 17 1975
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO