

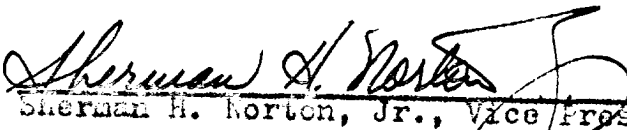
STATE OF TEXAS 1

COUNTY OF LUBBOCK 1

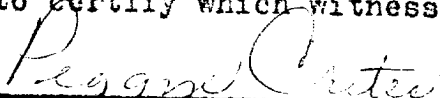
I, Sherman H. Norton, Jr., Vice President of Sitton and Norton Drilling Company, certify that the following deviation surveys were taken by Sitton and Norton Drilling Company personnel on the Shearn-Federal #1 well in Roosevelt County, New Mexico.

<u>Depth</u>	<u>Angle</u>	<u>Date</u>
310	1/4°	10-16-69
517	1/2	-18-
1410	1/2	-18-
1896	3/4	-18-
2120	1	-18-
2609	1	-19-
3022	1 1/4	-19-
3530	1 1/4	-20-
3810	1	-20-
4079	3/4	-21-
4200	1	-21-
4620	1	-23-
5049	1	-29-

Affiant is duly qualified and authorized to make this affidavit and is knowledgeable of the matters above set out.


Sherman H. Norton, Jr., Vice President

Subscribed and sworn to by the said Sherman H. Norton, Jr., before me this 31 day of October 31, 1969, to certify which witness my hand and seal of office.


Notary Public, Lubbock County, Texas