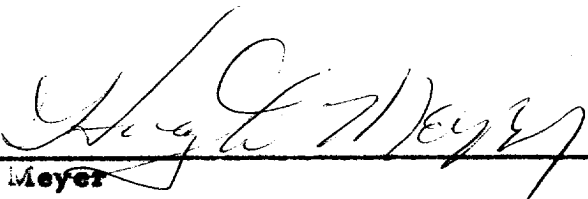


HOBBS OFFICE O. C. C.
WELL INCLINATION SURVEY
 JUN 19 2 57 PM '64

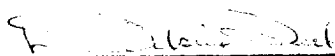
I, Hugh Meyer, certify that the following is the correct hole inclination survey for the well as described below:

Tom Brown Drilling Company, Inc. Marathon State Well No. 1
 1980 feet FWL and 330 feet FSL, Section 33, T-18-S, R-34-E,
 NMPM, Lea County, New Mexico.

<u>Depth (Feet)</u>	<u>Inclination (Degree)</u>	<u>Depth (Feet)</u>	<u>Inclination (Degree)</u>
120	1/2	7820	1
400	1/2	8170	1
898	3/4	8430	1
1390	3/4	8750	1 1/4
1560	1/4	8900	1 1/2
1957	1/4	9240	1/4
2500	3/4	9365	1
2840	1 1/4	9480	3/4
3040	1 1/2	9540	3/4
3250	1 1/4	9815	3/4
3274	1 3/4	9884	3/4
3370	1 1/4	10090	1 1/4
3600	1 1/4	10460	3/4
3800	3/4	10700	3/4
4050	3/4	10785	1
4260	3/4	10885	3/4
4450	3/4	11220	1
4538	1/2	11243	3/4
4675	1/4	11335	1
4805	1/2	11465	1
4925	1/2	11545	1 3/4
5055	3/4	11650	3/4
5063	3/4	11780	2
5370	1/2	11975	1
5610	1/2	12215	2
5780	1/4	12290	1 1/2
6190	1/2	12450	1
6520	3/4	12605	3/4
6820	3/4	12670	1/4
7235	1		
7565	1		


 Hugh Meyer
 Agent for Tom Brown Drilling Company, Inc.

Subscribed and sworn to before me
 this 18th day of June, 1964.


 DELORIS TEEL
 NOTARY PUBLIC
 Notary Public in and for Midland
 County, Texas.