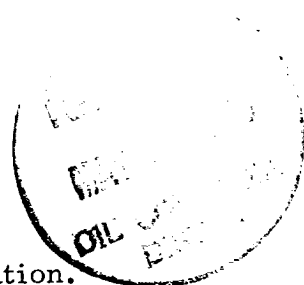


New Mexico Oil & Gas Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410



Gentlemen:

We submit the following deviation surveys for your information.

Field Name Blanco County San Juan State New Mexico
Operator Mesa Petroleum Co. Address P.O. BOX 2009 City Amarillo, Texas
Lease Name Hamilton Federal Well No. #2A Section 30 Township 32N
Range 10W

Depth (feet)	Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
475	1°	8.31	8.31
1420	1°	16.54	24.85
1760	1/2°	2.96	27.81
2038	1/4°	1.22	29.03
2283	1/2°	2.13	31.16
2919	3/4°	5.53	36.69
3164	1/4°	1.08	37.77
3540	1°	1.79	39.56
3900	1-1/4°	7.78	47.34
4020	4-3/4°	9.94	57.28
4781	2°	26.56	83.84
4876	2°	3.32	87.16
5300	2°	14.80	101.96

Total Displacement 101.96

Survey was run in drill pipe.

Certification of Personal Knowledge Inclination Data:

I hereby certify that I have personal knowledge of the data and facts on this form and that such information given above is true and complete.

R. J. Flaker R. J. Flaker
Title: Prod. Engr.

MESA PETROLEUM CO.

Sworn and Subscribed to me this the 16th day of May 19 75

My Commission Expires 6-1-75 William Mann

Notary in and for Potter Co., Texas