

INCLINATION REPORT

OPERATOR: Arco Oil & Gas Company
P. O. Box 1710
Hobbs, New Mexico 88240

12-24-36

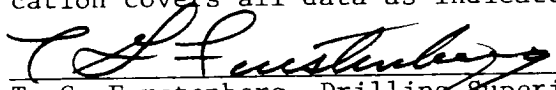
LEASE NAME: G. W. TOBY #5
Lea County, New Mexico

*Measured Depth (feet)	Course Length (Hundreds of feet)	*Angle of Inclination (Degrees)	Displacement per 100 feet (Sine of Angle x 100)	Course Displacement (feet)	Accumulative Displacement (feet)
394	394	1/4	.44	1.73	1.73
502	108	1/2	.87	.94	2.67
622	320	1	1.75	5.60	8.27
1142	320	1	1.75	5.60	13.87
1559	417	1 1/2	2.62	10.93	24.80
2056	497	1 3/4	3.05	15.16	39.96
2548	492	2	3.49	17.17	57.13
2826	278	2 1/4	3.93	10.93	68.06
3104	278	2 1/4	3.93	10.93	78.99
3452	348	2 1/2	4.36	15.17	94.16
3800	348	2 1/2	4.36	15.17	109.33

Is any information shown on the reverse side of this form? No


Accumulative total displacement of well bore at total depth of 3800 feet = 109.33 feet.

I declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.

 Signature of Authorized Representative
T. G. Furstenberg, Drilling Superintendent

Hillin Drilling Company
Telephone 915/563-3560

Sworn to and subscribed before me this 31st day of December, 1980.


Notary Public in and for the
County of Ector, Texas
My commission expires 12/26/81