

INCLINATION REPORT

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

18-23-37

LEASE NAME: Duthie Andrews WN #5
Lea County, New Mexico


RECORD OF INCLINATION

*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)
514	514	3/4	1.31	6.73	
882	368	4 1/2	7.85	28.89	
1250	368	4 1/2	7.85	28.89	
1366	116	3 1/2	6.10	7.08	
1753	387	2	3.49	13.51	
1926	173	2	3.49	6.04	
2214	288	2 1/4	3.93	11.32	
2553	339	3	5.23	17.73	
2670	117	2	3.49	4.08	
2830	160	1	1.75	2.80	
3047	217	1	1.75	3.80	
3418	371	3/4	1.31	4.86	
3750	332	3/4	1.31	4.35	

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


Accumulative total displacement of well bore at total depth of 3750 feet = 4.35 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. Furstenburg, Drilling Superintendent

Hillin Drilling Company
915-563-3560

Sworn to and Subscribed before me this 22nd day of January, 1981.


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