

INCLINATION REPORT

OPERATOR: Hillin Production Company
P. O. Box 152, Odessa, Texas 79760

LEASE NAME: Cities Federal No. 5-1
Eddy 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)
400	400	1	1.75	7.00	7.00
615	215	1	1.75	3.76	10.76
955	340	1 3/4	1.75	5.95	16.71
1367	412	2 1/4	3.93	16.19	32.90
1633	266	2 3/4	4.80	12.76	45.66
2111	478	1 3/4	3.05	14.57	60.23
2359	248	3/4	1.31	3.24	63.47
2700	341	1/4	.44	1.50	64.97
3192	492	1 1/4	2.18	10.72	75.69
3535	343	1 1/4	2.18	7.47	83.16
3916	381	1 1/2	2.62	3.31	86.47
4342	426	1 1/2	2.62	11.16	97.63

Is any information shown on the reverse side of this form? Yes

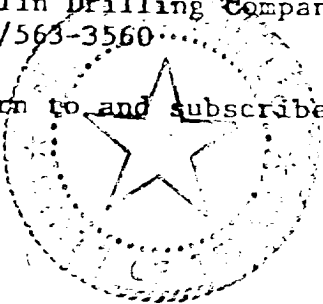
Accumulative total displacement of well bore at total depth of 5068 feet = 114.57 feet.

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.

Gloria Tellez Signature of Authorized Representative
Gloria Tellez, Drilling Secretary

Hillin Drilling Company
915/563-3560

Sworn to and subscribed before me this 18th day of November, 1983



Beverly Hawkins
Notary Public in and for the
County of Ector, Texas
My commission expires 04/08/85

BEVERLY HAWKINS
NOTARY PUBLIC, ECTOR COUNTY, TEXAS
My Commission expires 4-08-85