

INCLINATION REPORT

OPERATOR AMERADA HESS CORP. ADDRESS P. O. BOX 2040
TULSA, OKLAHOMA 74102

LEASE Jicarilla Apache "F" WELL NO. 13 FIELD Otero

LOCATION Section 18, T25N, R5W Rio Arriba, New Mexico

Depth	Angle (Inclination 'degrees)	Displacement	Displacement Accumulated
355	1 1/2	9.30	9.30
1200	1 1/2	22.14	31.44
1766	2	19.75	51.19
2250	1 3/4	14.76	65.95
2706	1 1/4	9.94	75.89
3184	3/4	6.26	82.15
3550	3/4	4.79	86.94
3877	3/4	4.28	91.22
4084	1	3.62	94.84
4256	1	3.01	97.85
4627	1/2	3.23	101.08
4885	1/2	2.24	103.32
5085	1/2	1.72	105.04
5420	1/2	2.91	107.95
5785	1/2	3.18	111.13
6410	1/2	5.44	116.57
7180	1/2	6.70	123.27

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING CORPORATION

By: L. A. Rogers
 Title: Drilling Superintendent

Affidavit:

Before me, the undersigned authority, appeared L. A. Rogers known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

L. A. Rogers
 (Affiant's Signature)

Sworn and subscribed to in my presence on this the 3rd day of January
19 77

L. A. Rogers
 Notary Public in and for the County
 of Midland, State of Texas

Seal