

INCLINATION REPORT

OPERATOR AMERADA HESS CORP. ADDRESS P. B. BOX 2040
TULSA, OKLAHOMA 74102
LEASE Jicarilla Apache "F" WELL NO. 12 FIELD Otero
LOCATION Section 22, T25N, R5W Rio Arriba, New Mexico

Depth	Angle (Inclination 'degrees)	Displacement	Displacement Accumulated
268	1/2	2.33	2.33
775	3/4	6.64	8.97
1273	1	8.72	17.69
1898	1	10.94	28.63
2211	1 1/2	8.20	36.83
2711	1 1/4	10.90	47.73
3241	1	9.28	57.01
4070	1	14.51	71.52

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

Larry R. Pugh
Notary Public in and for the County
of Midland, State of Texas
U. S. GEOLOGICAL SURVEY
APR 15 1977