

INCLINATION REPORT

OPERATOR ZIA ENERGY ADDRESS P.O. BOX 603, HOBBS, NEW MEXICO 88240
 LEASE NAME CITIES FEDERAL WELL NO. 2 FIELD _____
 LOCATION LEA COUNTY, NEW MEXICO

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
376	$\frac{1}{2}$	3.2712	3.2712
874	$\frac{1}{2}$	4.3326	7.6038
1342	$\frac{3}{4}$	6.1308	13.7346
1840	1	8.7150	22.4496
2340	$1\frac{1}{4}$	10.9000	33.3496
2840	$1\frac{1}{2}$	13.1000	46.4496
3315	$1\frac{1}{2}$	12.4450	58.8946
3800	$1\frac{1}{4}$	10.5730	69.4676
3881	2.18	1.7658	71.2334

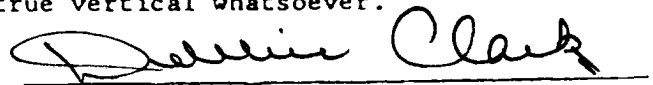
I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

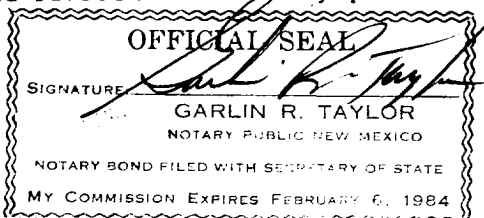

 TITLE DEBBIE CLARK, OFFICE MANAGER

AFFIDAVIT:

Before me, the undersigned authority, appeared DEBBIE CLARK
 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.


 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 18TH day of NOVEMBER, 1983



Notary Public in and for the County
 of Lea, State of New Mexico

SEAL