

INCLINATION REPORT

OPERATOR DOYLE HARTMAN ADDRESS P. O. BOX 10426, MIDLAND, TX 79702
 LEASE NAME WELLS FEDERAL WELL NO. #17 FIELD _____
 LOCATION _____

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
416	$\frac{1}{2}$	3.6192	3.6192
1002	1	10.2550	13.8742
1503	$1\frac{1}{4}$	10.9218	24.7960
2005	$1\frac{3}{4}$	15.3110	40.1070
2438	$1\frac{1}{4}$	9.4394	49.5464
2909	$2\frac{3}{4}$	22.6080	72.1544
3003	3	4.9162	77.0706
3350	3	18.1481	95.2187

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

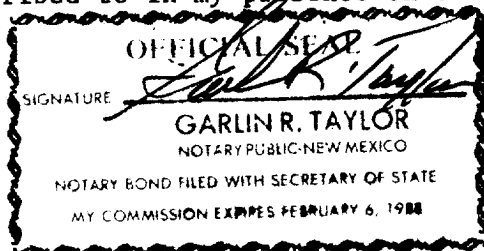
Debra Kelly
 TITLE DEBRA KELLY, OFFICE MANAGER

AFFIDAVIT:

Before me, the undersigned authority, appeared DEBRA KELLY
 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.

Debra Kelly
 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 27th day of NOVEMBER, 1984



SEAL

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

NOV 29 1984

12-1-1984

[illegible]