

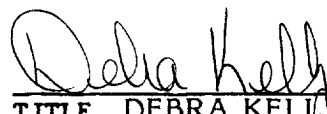
INCLINATION REPORT

OPERATOR DOYLE HARTMAN ADDRESS P. O. BOX 10426, MIDLAND, TX 79702
 LEASE NAME WINNINGHAM WELL NO. #9 FIELD _____
 LOCATION SEC 30, T-25S, R-37E

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
422	$\frac{1}{2}$	3.6714	3.6714
906	$\frac{3}{4}$	6.3404	10.0118
1406	$\frac{1}{2}$	4.3500	14.3618
1919	2	17.9037	32.2655
2419	$2\frac{1}{4}$	19.6500	51.9155
2916	$2\frac{3}{4}$	23.8560	75.7715
3380	$2\frac{1}{2}$	20.2304	96.0019
3475	3	4.9685	100.9704

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

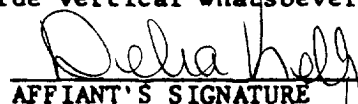
CACTUS DRILLING COMPANY



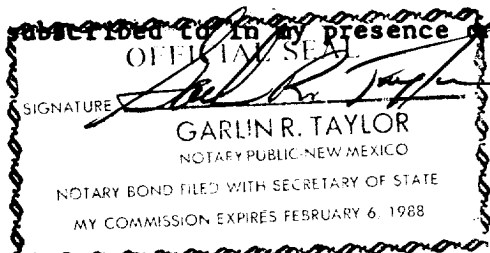
TITLE DEBRA KELLY, OFFICE MANAGER

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.


 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 3rd day of OCTOBER, 1984



Notary Public in and for the County
 of Lea, State of New Mexico
 OCT 8 1984

SEAL

RECEIVED

OCT 22 1984

O.C.O.
HOBBY OFFICE