

INCLINATION REPORT

OPERATOR DOYLE HARTMAN ADDRESS 500 NORTH MAIN, MIDLAND, TX 79702
 LEASE NAME STATE A20 WELL NO. #4 FIELD
 LOCATION

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
442	1/4	1.9448	1.9448
917	1/2	4.1325	6.0773
1441	1/2	4.5588	10.6361
1965	3/4	6.8644	17.5005
2555	1	10.3250	27.8255
3051	1	8.6800	36.5055
3548	1 1/4	10.8346	47.3401
4000	1 1/2	11.8424	59.1825

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

Denise Leake
 TITLE OFFICE MANAGER

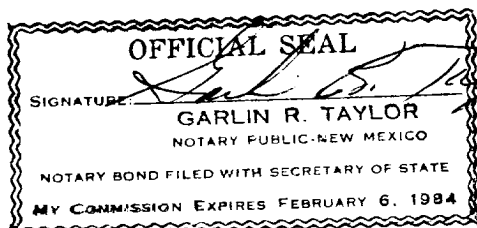
AFFIDAVIT:

Before me, the undersigned authority, appeared DENISE LEAKE
 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.

Denise Leake
 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 14 day of JUNE, 19 82

SEAL



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