

INCLINATION REPORT

OPERATOR SHELL OIL COMPANY ADDRESS P.O. BOX 991, HOUSTON, TEXAS 77001
 LEASE NAME NORTH HOBBS UNIT WELL NO. 24-413 FIELD
 LOCATION LEA COUNTY, NEW MEXICO

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
463	$\frac{1}{4}$	2.0372	2.0372
864	$\frac{1}{4}$	1.7644	3.8016
1145	$\frac{3}{4}$	3.6811	7.4827
1520	1	6.5625	14.0452
2048	1	9.2400	23.2852
2540	1	8.6100	31.8952
3038	1	8.7150	40.6102
3530	1	8.6100	49.2202
4028	1	8.7150	57.9352
4097	$\frac{3}{4}$.9039	58.8391
4400	1	5.3025	64.1416

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

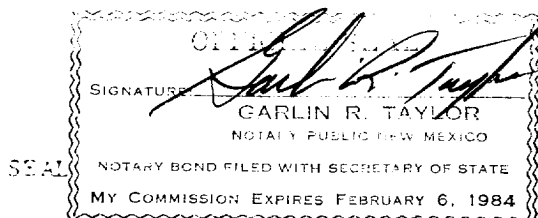
Debbie Clark
 TITLE DEBBIE CLARK, OFFICE MANAGER

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.

Debbie Clark
 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 31ST day of JANUARY, 19 84



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