

INCLINATION REPORT

OPERATOR Yates Drilling Company ADDRESS 207 South Fourth Streets, Artesia, N.M. 88210
 LEASE Federal "44" WELL NO. 1 FIELD Queen
 LOCATION 1980' FNL & 990' FEL, Sec. 4, T-13S, R-31E, Chaves County, New Mexico

Depth	Angle Inclination (degrees)	Displacement	Displacement Accumulated
337	1/2	2.9319	2.9319
630	1/2	2.5491	5.4810
922	1/2	2.5404	8.0214
1230	3/4	4.0348	12.0562
1537	3/4	4.0217	16.0779
1746	3/4	2.7379	18.8158
2055	1/2	2.6883	21.5041
2350	1/2	2.5665	24.0706
2488	3/4	1.8078	25.8784
2707	3/4	2.8689	28.7473
2822	3/4	1.5065	30.2538

RECEIVED

JUN - 11972

D. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

Ken Hedrick
 Title: Drilling Superintendent

Affidavit:

Before me, the undersigned authority, appeared Ken Hedrick 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.

Ken Hedrick
 (Affiant's Signature)

Sworn and subscribed to in my presence on this the 8th day of May 1972.

Marcel H. Verschueren
 Notary Public in and for the County
 of Lea, State of New Mexico

Seal

MY COMMISSION EXPIRES MARCH 30, 1974.