

INCLINATION REPORT

OPERATOR Phillips Petroleum Co ADDRESS Carlshad Hwy, Hobbs, New MexicoLEASE Santa FE WELL NO. 117 FIELD VacuumLOCATION 990' FSL & 1650' FWL

Depth	Angle (Inclination 'degrees)	Displacement	Displacement Accumulated
450 Ft.	1/4	1.9800 Ft.	1.9800 Ft.
940 Ft.	1/2	4.2630 Ft.	6.2430 Ft.
1440 Ft.	1/2	4.3500 Ft.	10.5930 Ft.
1671 Ft.	3/4	3.0261 Ft.	13.6191 Ft.
2120 Ft.	3/4	5.8919 Ft.	19.5110 Ft.
2620 Ft.	1	8.7500 Ft.	28.2610 Ft.
3100 Ft.	3/4	6.2880 Ft.	34.5490 Ft.
3200 Ft.	3/4	1.3100 Ft.	35.8590 Ft.
3651 Ft.	1/2	3.9237 Ft.	39.7827 Ft.
3965 Ft.	1/2	2.7318 Ft.	42.5145 Ft.
4160 Ft.	3/4	2.5545 Ft.	45.0690 Ft.
4400 Ft.	1/2	2.0880 Ft.	47.1570 Ft.
4870 Ft.	2 1/4	18.4710 Ft.	65.6280 Ft.
5370 Ft.	3	26.1500 Ft.	91.7780 Ft.
5480 Ft.	2 1/2	4.7960 Ft.	96.5470 Ft.
5940 Ft.	2	16.0540 Ft.	112.6280 Ft.
6200 Ft.	2	9.0740 Ft.	121.7020 Ft.

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

By: [Signature]
Title: Drilling Superintendent

Affidavit:

Before me, the undersigned authority, appeared Yenneth 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.

[Signature]
(Affiant's Signature)

Sworn and subscribed to in my presence on this the 15th day of March

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

Seal

MY COMMISSION EXPIRES MARCH 30, 1974

RECEIVED

MAR 20 1971

OIL CONSERVATION CO. M.
HOUSTON, TEX.