

INCLINATION REPORT

OPERATOR Southern Minerals ADDRESS P. O. Box 716 Corpus Christi, Tex.
 LEASE State "D" WELL NO. 3 FIELD undesignated (Bough C)
 LOCATION 510' FNL & 1980' FEL, S-8, T-11, R-34, Lea County, N. M.

Depth	Angle (Inclination 'degrees)	Displacement	Displacement Accumulated
405'	3/4	5.3055	5.3055
1095'	1-1/4	15.0420	20.3475
1475'	1-1/2	9.9560	30.3035
1860'	1/4	1.6940	31.9975
2370'	3/4	6.6810	38.6785
2720'	1-3/4	10.6750	49.3535
3100'	1-1/4	8.2840	57.6375
3516'	3/4	5.4496	63.0871
3815'	1/2	2.6013	65.6884
3866'	1/2	0.3567	66.0451
4070'	1/2	1.8618	67.9069
4514'	1/2	3.8628	71.7697
5110'	3/4	7.8076	79.5773
5620'	1/4	2.2440	81.8213
6056'	3/4	5.7116	87.5329
6488'	1	7.5600	95.0929
7220'	3/4	9.5892	104.6821
7479'	3/4	3.3929	108.0750
8100'	1	10.8675	118.9425
8460'	1-1/4	7.8480	126.7905
8657'	1	3.4475	130.2380
9054'	1/2	3.4539	133.6919
9266'	1	3.7100	137.4019
9442'	1	3.0800	140.4819
9608'	1-1/4	3.6188	144.1007
9713'	1	1.8375	145.9382
9835'	1-1/4	2.6596	148.5978
9965'	1	2.2750	150.8728

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: Ronnie Ramsey

Title: Clerk

Affidavit:

Before me, the undersigned authority, appeared Ronnie Ramsey 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.

Ronnie Ramsey
(Affiant's Signature)

Sworn and subscribed to in my presence on this the 28 day of February

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Argene R. Berzon
Notary Public in and for the County
of Lea, State of New Mexico

Seal

My Commission Expires February 8, 1993