

INCLINATION REPORT

OPERATOR POGO Production ADDRESS P. O. Box 10340 Midland, TX 79702
LEASE San State WELL NO. 1 FIELD _____
LOCATION Section 32, T-14-S, R-33-E Lea County, NM

Depth	Inclination degree	Displacement	Displacement Accumulated
182	$\frac{1}{2}$	.80	.80
310	$\frac{1}{2}$	1.11	1.91
713	$\frac{1}{2}$	3.51	5.42
1746	$\frac{1}{2}$	8.99	14.41
2318	$\frac{1}{2}$	4.98	19.39
2651	$\frac{1}{2}$	1.47	20.86
3149	$\frac{1}{2}$	4.33	25.19
3649	$\frac{1}{2}$	4.35	29.54
4170	4-3/4	43.14	72.68
4252	3/4	1.07	73.75
4772	$\frac{1}{2}$	4.52	78.27
5263	3/4	6.43	84.70
5775	1	8.96	93.66
6271	3/4	6.50	100.16
6796	3/4	6.88	107.04
7290	3/4	7.65	114.69
7540	3/4	3.28	117.97
8050	2 $\frac{1}{2}$	20.04	138.01
8195	2	5.06	143.07
8343	2 $\frac{1}{2}$	6.45	149.52
8386	2	1.50	151.02
8468	2 $\frac{1}{2}$	3.58	154.60
8655	2 $\frac{1}{2}$	7.35	161.95
8849	3	10.15	172.10
8911	2 $\frac{1}{2}$	2.70	174.80

(OVER)

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

Cactus Drilling Corporation

By: R. G. McWilliams
Title: _____

Affidavit:

Before me, the undersigned authority, appeared R. G. McWilliams known to me to be the person whose name is subscribed heretbelow, who, on making denosition, 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.

R. G. McWilliams
Affiant's signature

Sworn and subscribed to in my presence on this the 26th day of March 19 81.

Larry R. Virgin
Notary Public for the
State of Texas

My Commission expires:

April 30, 1985

DEPTH	INCLINATION DEGREE	DISPLACEMENT	DISPLACEMENT ACCUMULATED
8973	2-3/4	2.98	177.28
9082	2-3/4	5.23	183.01
9155	2	2.55	185.56
9217	1-1/4	1.35	186.91
9280	1-3/4	1.92	188.83
9340	1-3/4	1.83	190.66
9452	1-1/2	2.93	193.59
9515	1	1.10	194.69
9611	1-1/4	2.09	196.78
9651	1-1/4	.87	197.65
9746	1-1/4	2.07	199.72
9839	1	1.63	201.35
10,250 T.D.	1-1/4	8.96	210.31