

LANDIS DRILLING COMPANY
POST OFFICE BOX 3579
MIDLAND, TEXAS 79702

OPERATOR Ike Lovelady, Inc. ADDRESS P. O. Drawer 2666, Midland, TX 79701
LEASE NAME Haas State #1 WELL NO. 1 FIELD Midway Abo
LOCATION 660' FEL & 330' FSL, Sec. 9, T17S, R37E, Lea County, New Mexico

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
421	1/2	3.68	3.68
1000	1/2	5.05	8.73
1521	3/4	6.82	15.55
2124	3/4	7.89	23.44
2624	3/4	6.55	29.99
3124	3/4	6.55	36.54
3317	3/4	2.53	39.07
3805	3/4	6.39	45.46
4350	3/4	7.13	52.59
4534	1	3.21	55.80
5003	1	8.18	63.98
5502	1	8.71	72.69
6025	3/4	6.85	79.54
6520	1	8.64	88.18
7108	1	10.26	98.44
7465	1-1/2	9.35	107.79
7833	1-1/2	9.63	117.42
8342	1-3/4	15.54	132.96
8866	3	27.43	160.39
8909	3-1/4	2.44	162.83
9140	3-1/4	13.10	175.93

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

LANDIS DRILLING COMPANY

Larry W. Chappell
TITLE Contracts Manager

AFFIDAVIT:

Before me, the undersigned authority, appeared Larry W. Chappell 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.

Sandy Smith
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 21st day of August, 1981

Sandy Smith
Notary Public in and for the