

INCLINATION REPORT

The following is an inclination report on the drilling of Samedan Oil Corporation's Hodge Well No. 1, located in the SE/4 of Section 28, T-12-S, R-38-E, S. E. Gladiola Field, Lea County, New Mexico, which was completed on November 13, 1968, at a total depth of 12,240 feet.

<u>Depth (feet)</u>	<u>Angle of In- clination (degrees)</u>	<u>Displace- ment (feet)</u>	<u>Accumulative Displacement (feet)</u>
330	1/4	1.45	1.45
850	1	9.10	10.55
1,275	3/4	7.47	17.99
1,950	1/2	6.84	26.83
2,265	1/4	2.74	29.57
2,684	1/4	1.84	32.41
3,040	1/2	3.10	34.51
3,490	3/4	5.90	40.41
3,750	1/2	3.41	43.82
4,150	3/4	5.24	49.06
4,520	1/4	4.95	53.91
4,920	1-1/4	8.85	62.76
5,370	1/4	9.03	71.79
5,700	1/4	1.58	73.27
6,140	1/2	3.52	76.80
6,510	1/2	3.53	80.41
6,925	1/2	3.61	84.02
7,300	1/2	3.26	87.28
7,551	1/2	2.18	89.46
7,960	1/2	3.56	93.02
8,360	1/2	3.48	96.50
8,886	1	9.21	105.71
9,320	1-1/4	11.37	117.08
9,550	1	6.03	123.11
10,030	1	8.40	131.51
10,540	1-1/4	11.12	142.63
11,120	1-1/4	12.64	155.27
11,450	3/4	2.07	163.34
11,850	1/2	4.72	168.06
12,020	3/4	2.23	170.29

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information given above is true and complete.

SUBSCRIBED AND SWORN TO BEFORE ME
this 30th day of December, 1968, A.D.

NOBLE DRILLING CORPORATION

Frank K. Wolfe
Notary Public, Midland County, Texas
My Commission expires June 1, 1969

Earl Frederickson
Earl Frederickson