

INCLINATION REPORT

The following is a list of surveys taken while drilling Southwestern Natural Gas Company's Santa Fe #1, located 467' FSL and 660' FWL of Section 19, T-9-S, R-37-E, Lea County, New Mexico, which was completed June 16, 1969, at a total depth of 12,249'.

<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>
250	1/4	7,690	1
415	1/4	8,170	1
960	1-1/4	8,530	1/4
1,460	1	8,700	1
1,960	1/2	8,900	1-1/4
2,700	3/4	9,260	3/4
3,018	3/4	9,415	1-1/4
3,380	1	9,700	3/4
3,800	1/2	10,140	1-1/4
3,960	1-1/4	10,440	1-1/4
4,190	1-1/4	11,170	2
4,630	1/4	11,489	3-3/4
4,950	1	11,560	3-1/4
5,390	1/4	11,690	3
6,025	1-1/4	11,805	2-3/4
6,525	1/4	12,000	3-1/4
6,970	1	12,137	2-3/4
7,325	3/4	12,234	1-1/2

I hereby certify that I have personal knowledge of the data and facts stated above and that such information is true and complete.

NOBLE DRILLING CORPORATION

Sworn and Subscribed to before me, this the 31st day of December, 1969.

Notary Public in and for
Midland County, Texas.

INFORMATION REPORT

The following is a list of surveys taken while drilling
Southwestern Natural Gas Company's Santa Fe #1, located
in the 35th and 36th Twp of Section 19, T-2-S, R-37-E, 1st
County, New Mexico, which was completed June 10, 1969,
at a total depth of 12,240'.

Depth	Degrees	Depth	Degrees
1,000	1	1,000	1
2,000	1	2,000	1
3,000	1-1/2	3,000	1-1/2
4,000	1	4,000	1
5,000	1-1/2	5,000	1-1/2
6,000	1-1/2	6,000	1-1/2
7,000	1-1/2	7,000	1-1/2
8,000	1-1/2	8,000	1-1/2
9,000	1-1/2	9,000	1-1/2
10,000	1-1/2	10,000	1-1/2
11,000	1-1/2	11,000	1-1/2
12,000	1-1/2	12,000	1-1/2
13,000	1-1/2	13,000	1-1/2
14,000	1-1/2	14,000	1-1/2
15,000	1-1/2	15,000	1-1/2
16,000	1-1/2	16,000	1-1/2
17,000	1-1/2	17,000	1-1/2
18,000	1-1/2	18,000	1-1/2
19,000	1-1/2	19,000	1-1/2
20,000	1-1/2	20,000	1-1/2
21,000	1-1/2	21,000	1-1/2
22,000	1-1/2	22,000	1-1/2
23,000	1-1/2	23,000	1-1/2
24,000	1-1/2	24,000	1-1/2
25,000	1-1/2	25,000	1-1/2
26,000	1-1/2	26,000	1-1/2
27,000	1-1/2	27,000	1-1/2
28,000	1-1/2	28,000	1-1/2
29,000	1-1/2	29,000	1-1/2
30,000	1-1/2	30,000	1-1/2
31,000	1-1/2	31,000	1-1/2
32,000	1-1/2	32,000	1-1/2
33,000	1-1/2	33,000	1-1/2
34,000	1-1/2	34,000	1-1/2
35,000	1-1/2	35,000	1-1/2
36,000	1-1/2	36,000	1-1/2
37,000	1-1/2	37,000	1-1/2
38,000	1-1/2	38,000	1-1/2
39,000	1-1/2	39,000	1-1/2
40,000	1-1/2	40,000	1-1/2
41,000	1-1/2	41,000	1-1/2
42,000	1-1/2	42,000	1-1/2
43,000	1-1/2	43,000	1-1/2
44,000	1-1/2	44,000	1-1/2
45,000	1-1/2	45,000	1-1/2
46,000	1-1/2	46,000	1-1/2
47,000	1-1/2	47,000	1-1/2
48,000	1-1/2	48,000	1-1/2
49,000	1-1/2	49,000	1-1/2
50,000	1-1/2	50,000	1-1/2

I hereby certify that I have personal knowledge of the data
and facts stated above and that such information is true and
complete.

MOBILE DRILLING CORPORATION

[Signature]

Given and Subscribed to before me, this 27th day of
December, 1969.

[Signature]
Notary Public in and for
Midland County, Texas.