

CERTIFICATION OF DEVIATION SURVEY

OPERATOR: HILLIARD OIL & GAS, INC.

WELL : MOSS FNB #1

FIELD : S.W. Gladiola, Devonian

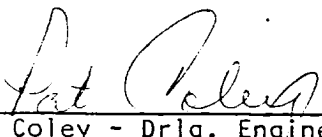
LOCATION: Section 26, Township 12 S Range 37 E

COUNTY : Lea Co., New Mexico

I certify that the following is a true list of deviation surveys taken in the well bore of the subject well during drilling operations. The surveys were taken with a single shot survey instrument run inside the drill pipe.

RECORD OF INCLINATION

MEASURED DEPTH	COURSE LENGTH	ANGLE OF INCLINATION	DISPLACEMENT PER HUNDRED FEET	COURSE DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
feet	feet	degrees	sine of angle	feet	feet
550'	550'	3/4	1.31	7.20	7.20
1054	504	1	1.75	8.82	16.02
1550	496	1	1.75	8.68	24.70
2076	526	3/4	1.31	6.89	31.59
2644	568	1/2	.87	4.94	36.53
3204	560	1/2	.87	4.87	41.40
3607	403	1/2	.87	3.51	44.91
4120	513	1/2	.87	4.46	49.37
4435	315	1/2	.87	2.74	52.11
4963	528	3/4	1.31	6.92	59.03
5502	539	3/4	1.31	7.06	66.09
6003	501	1/2	.87	4.36	70.45
6500	497	1-3/4	3.05	15.16	85.61
6602	102	1-1/2	2.62	2.67	88.28
6660	58	1-1/2	2.62	-	-
6762	102	1-1/4	2.18	2.22	90.50
6970	208	1	1.75	3.64	94.14
7196	226	1-1/4	2.18	4.93	99.07
7288	92	1-1/4	2.18	-	-
7472	184	1-1/4	2.18	4.01	103.08
7677	205	1-1/2	2.62	5.37	108.45
7874	197	1	1.75	3.44	111.89
8112	238	1	1.75	4.16	116.05
8374	262	3/4	1.31	3.43	119.48
8778	404	1	1.75	7.07	126.55
9328	305	1-1/2	2.62	7.99	134.54
10,328	1,000	1-1/2	2.62	26.20	160.74
10,964	636	1	1.75	11.13	171.87
11,155	191	3/4	1.31	2.50	174.37
11,402	247	1-1/2	2.62	6.47	180.84
11,625	223	2-1/4	3.93	8.76	189.60
11,766	141	2	3.49	4.92	194.52
12,086	320	2-3/4	4.80	15.36	209.88
12,393	307	2-3/4	4.80	14.74	224.62


Pat Coley - Drlg. Engineer


STATE OF TEXAS
COUNTY OF Midland

BEFORE ME, the undersigned authority, on this day personally appeared Pat Coley known to me to be the person whose name is subscribed to the above certification, who being by me duly sworn on oath states that he has knowledge of the facts stated therein and that said certification is true and correct.

SUBSCRIBED AND SWORN To before me, this 16 day of February, 1983



MONTALEE BEIGHTS
Notary Public, State of Texas
My Commission Expires July 25, 1984


Notary Public in and for Midland County