copy to SF 2/28/62

GENERAL AMERICAN OIL COMPANY OF TEXAS
Green A #7
Surface Location - 1980' FNL & 330' FWL Sec. 29-T17S-R29E, N.M.P.M., Eddy County, N.M.
Multiple Shot Deviation Survey

Measured Depth	Course Length	Drift Angle	Vertical Depth Course	Vertical Depth Total	Course Deviation	Direction of Deviation	Course Coordinates North	Course Coordinates South	Course Coordinates East	Course Coordinates West	Total Coordinates North	Total Coordinates South	Total Coordinates East	Total Coordinates West
786'	Hole assumed vertical to bottom of 8 5/8" casing.													
900'	114'	0°	114.00	900.00										
1000'	100'	1/4°	100.00	1000.00	0.44	N17°E	0.42		0.13		0.42		0.13	
1100'	"	3/4°	99.99	1099.99	1.31	N17°E	1.26		0.38		1.68		0.51	
1200'	"	1°	99.98	1199.97	1.75	N17°E	1.68		0.51		3.36		1.02	
1300'	"	1°	99.98	1299.95	1.75	N22°E	1.63		0.65		4.99		1.67	
1400'	"	1 1/4°	99.98	1399.93	2.18	N27°E	1.94		0.99		6.93		2.66	
1500'	"	1 1/2°	99.97	1499.90	2.62	N22°E	2.42		0.98		9.35		3.64	
1600'	"	1 1/2°	99.97	1599.87	2.62	N17°E	2.50		0.76		11.85		4.40	
1700'	"	1 1/2°	99.97	1699.84	2.62	N22°E	2.42		0.98		14.27		5.38	
1800'	"	1 3/4°	99.95	1799.79	3.05	N17°E	2.92		0.89		17.19		6.27	
1900'	"	2°	99.94	1899.73	3.49	N12°E	3.41		0.72		20.60		6.99	
2000'	"	2 1/4°	99.92	1999.65	3.93	N12°E	3.84		0.81		24.44		7.80	
2100'	"	2 1/4°	99.92	2099.57	3.93	N7°E	3.90		0.48		28.34		8.28	
2200'	"	2 1/4°	99.92	2199.49	3.93	N7°E	3.90		0.48		32.24		8.76	
2300'	"	2 1/4°	99.92	2299.41	3.93	N2°E	3.93		0.13		36.17		8.89	
2400'	"	2 1/4°	99.92	2399.33	3.93	N2°E	3.93		0.13		40.10		9.02	
2500'	"	2 1/4°	99.92	2499.25	3.93	N2°E	3.93		0.13		44.03		9.15	
2600'	"	2 1/4°	99.92	2599.17	3.93	N2°E	3.93		0.13		47.96		9.28	
2700'	"	2 1/4°	99.92	2699.09	3.93	N7°E	3.90		0.48		51.86		9.76	
2800'	"	2 1/4°	99.92	2799.01	3.93	N7°E	3.90		0.48		55.76		10.24	
2900'	"	2 1/4°	99.92	2898.93	3.93	N7°E	3.90		0.48		59.66		10.72	
3000'	"	2 1/4°	99.92	2998.95	3.93	N7°E	3.90		0.48		63.56		11.20	
3100'	"	2 1/4°	99.92	3098.77	3.93	N7°E	3.90		0.48		67.46		11.68	
3200'	"	2°	99.94	3198.71	3.49	N2°E	3.49		0.12		70.95		11.80	
3300'	"	2°	99.94	3298.65	3.49	N7°E	3.47		0.43		74.42		12.23	
3400'	"	1 3/4°	99.95	3398.60	3.05	N7°E	3.03		0.38		77.45		12.61	
3500'	"	1 3/4°	99.95	3498.55	3.05	N7°E	3.03		0.38		80.48		12.99	
3600'	"	1 3/4°	99.95	3598.50	3.05	N7°E	3.03		0.38		83.51		13.37	
3700'	"	1 3/4°	99.95	3698.45	3.05	N7°E	3.03		0.38		86.54		13.75	
3800'	"	2°	99.94	3798.39	3.49	N12°E	3.41		0.72		89.95		14.47	
3900'	"	2°	99.94	3898.33	3.49	N12°E	3.41		0.72		93.36		15.19	
4000'	"	2°	99.94	3998.27	3.49	N10°E	3.43		0.61		96.79		15.80	
4100'	"	2°	99.94	4098.21	3.49	N7°E	3.47		0.43		100.26		16.73	
4200'	"	2 1/4°	99.92	4198.13	3.93	N5°E	3.92		0.34		104.18		16.57	