

Wilson Brothers Drilling Company

217 E. PALM STE BALCOM RD • P.O. DRAWER 53628 • LAFAYETTE, LOUISIANA 70505 • AREA CODE 318 / 233-5950

January 17, 1986

RECORD OF INCLINATION - Santa Fe Energy
500 W. Illinois
Midland, Texas 79701

WELL: Platinum Federal #6-1
Section 6, T23S - R32E
Lea County, New Mexico

TD = 15,016'

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
156	1.56	1/4	.436	.68	.68
206	.50	1/2	.873	.44	1.12
299	.93	1/4	.436	.41	1.53
393	.94	3/4	1.309	1.23	2.76
486	.93	3/4	1.309	1.22	3.98
651	1.65	3/4	1.309	2.16	6.14
775	1.24	1/2	.873	1.08	7.22
851	.76	3/4	1.309	1.00	8.22
955	1.04	3/4	1.309	1.36	9.58
1,214	2.59	3/4	1.309	3.39	12.97
1,400	1.86	3/4	1.309	2.43	15.40
1,541	1.41	3/4	1.309	1.85	17.25
1,766	2.25	3/4	1.309	2.95	20.20
1,950	1.84	1/2	.873	1.61	21.81
2,255	3.05	1/4	.436	1.33	23.14
2,517	2.62	1/4	.436	1.14	24.28
2,930	4.13	-0-	-0-	-0-	24.28
3,020	.90	1/4	.436	.39	24.67
3,192	1.72	1/2	.873	1.50	26.17
3,417	2.25	1-1/4	2.182	4.91	31.08
3,485	.68	1	1.745	1.19	32.27
3,692	2.07	3/4	1.309	2.71	34.98
4,000	3.08	1-3/4	3.054	9.41	44.39
4,151	1.51	2	3.490	5.27	49.66
4,412	2.61	1-3/4	3.054	7.97	57.63
4,786	3.74	3/4	1.309	4.90	62.53
5,032	2.46	3/4	1.309	3.22	65.75
5,492	4.60	3/4	1.309	6.02	71.77
5,922	4.30	1	1.745	7.50	79.27
6,186	2.64	1	1.745	4.61	83.33
6,473	2.87	1/2	.873	2.51	86.39
6,857	3.84	1/2	.873	3.35	89.74
7,252	3.95	3/4	1.309	5.17	94.91
7,556	3.04	3/4	1.309	3.98	98.89
7,926	3.70	1	1.745	6.46	105.35
8,700	7.74	1/2	.873	6.76	112.11
Continued-					

Platinum Federal #6-1

Robert M. Lusk