

Wilson Brothers Drilling Company

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

December 23, 1985

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

WELL: Bootleg Ridge #1-19 Lea County, New Mexico

#1 Unit D 990/N & 990/W

19-22-33

30-025-2975

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
273	2.73	1/4	.436	1.19	1.19
688	4.15	1	1.745	7.24	8.43
990	3.02	1	1.745	5.27	13.70
1,302	3.12	1	1.745	5.44	19.14
1,812	5.10	1	1.745	8.90	28.04
2,300	4.88	1	1.745	8.52	36.56
2,675	3.75	1-1/4	2.186	8.18	44.74
2,956	2.81	1	1.745	4.90	49.64
3,263	3.07	3	5.234	16.07	65.71
3,357	.94	3-1/4	5.698	5.36	71.07
3,455	.98	3-1/2	6.105	5.98	77.05
3,580	1.25	3-1/2	6.105	7.63	84.68
3,674	.94	3-1/2	6.105	5.74	90.42
3,701	.27	3-1/2	6.105	1.65	92.07
3,798	.97	2-1/2	4.362	4.23	96.30
3,860	.62	3-1/2	6.105	3.79	100.09
3,948	.88	3-1/2	6.105	5.37	105.46
4,045	.97	3-3/4	6.540	6.34	111.80
4,196	1.51	4	6.976	10.53	122.33
4,385	1.89	3-3/4	6.540	12.36	134.69
4,473	.88	3-1/4	5.698	5.01	139.70
4,570	.97	4	6.976	6.77	146.47
4,601	.31	3-3/4	6.540	2.03	148.50
4,656	.55	3	5.234	2.88	151.38
4,720	2.45	2	3.490	8.55	159.93
4,965	2.45	1	1.745	4.28	164.27
5,238	2.73	1	1.745	4.76	168.97
5,520	2.82	3/4	1.309	3.69	172.66
5,770	2.50	1/2	.873	2.18	174.84
6,257	4.87	1/2	.873	4.25	179.09
6,756	4.99	1/2	.873	4.36	183.45
7,404	6.48	3/4	1.309	8.48	191.93
7,927	5.23	1/2	.873	4.57	196.50
8,392	4.65	1/2	.873	4.06	200.56
8,905	5.13	1-1/4	2.181	11.19	211.75
9,212	3.07	2	3.490	10.71	222.46
9,379	1.67	2-3/4	4.827	8.06	230.52
9,490	1.11	2-3/4	4.827	5.36	235.88
9,614	1.24	3	5.234	6.49	242.37
9,750	1.36	3	5.234	7.12	249.49
9,769	.19	3	5.234	.99	250.48

continued

