

SANTA FE EXPLORATION COMPANY
HOLLY #1, slot #1
UNKNOWN, LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 2
Your ref :
Last revised : 16-Dec-93

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100Ft	Vert Sect	
5000.00	0.10	276.79	4999.79	16.86 N	2.95 E	0.41	0.50	
5100.00	0.13	221.10	5099.79	16.79 N	2.78 E	0.11	0.65	
5200.00	0.48	234.97	5199.79	16.46 N	2.37 E	0.36	0.99	
5300.00	0.52	239.04	5299.78	15.99 N	1.64 E	0.05	1.61	
5400.00	0.79	241.88	5399.78	15.43 N	0.64 E	0.27	2.48	
5500.00	0.87	258.44	5499.77	14.95 N	0.71 W	0.25	3.71	
5600.00	1.19	259.35	5599.75	14.61 N	2.48 W	0.32	5.36	
5700.00	1.18	239.56	5699.73	13.90 N	4.39 W	0.41	7.09	
5800.00	1.28	245.42	5799.71	12.91 N	6.29 W	0.16	8.76	
5900.00	1.38	221.04	5899.68	11.54 N	8.10 W	0.57	10.25	
6000.00	1.46	212.06	5999.65	9.55 N	9.56 W	0.24	11.29	
6100.00	1.55	215.95	6099.62	7.37 N	11.03 W	0.14	12.29	
6200.00	1.61	212.70	6199.58	5.10 N	12.59 W	0.11	13.35	
6300.00	1.54	212.96	6299.54	2.79 N	14.08 W	0.07	14.35	
6400.00	1.50	212.38	6399.50	0.55 N	15.51 W	0.04	15.30	
6500.00	1.70	211.42	6499.46	1.82 S	16.98 W	0.20	16.27	
6600.00	1.85	215.63	6599.42	4.39 S	18.70 W	0.20	17.43	
6700.00	1.80	226.12	6699.37	6.79 S	20.77 W	0.34	18.98	
6800.00	1.73	228.69	6799.32	8.88 S	23.03 W	0.10	20.78	
6900.00	1.57	241.80	6899.28	10.52 S	25.38 W	0.41	22.74	
7000.00	1.49	246.69	6999.24	11.68 S	27.78 W	0.15	24.86	
7100.00	1.50	256.79	7099.21	12.50 S	30.24 W	0.26	27.11	
7200.00	1.45	268.22	7199.18	12.84 S	32.78 W	0.30	29.53	
7300.00	1.27	282.40	7299.15	12.64 S	35.13 W	0.38	31.87	
7400.00	1.32	288.39	7399.12	12.04 S	37.30 W	0.14	34.12	
7500.00	1.61	296.82	7499.09	11.04 S	39.65 W	0.36	36.62	
7600.00	1.78	301.10	7599.05	9.60 S	42.24 W	0.21	39.44	
7700.00	1.69	309.19	7699.00	7.87 S	44.71 W	0.26	42.21	
7800.00	1.72	307.21	7798.96	6.03 S	47.05 W	0.07	44.87	
7900.00	1.60	309.62	7898.91	4.23 S	49.32 W	0.14	47.46	
7930.00	1.68	304.68	7928.90	3.72 S	50.00 W	0.54	48.23	GYRO SURVEY F/ SURFACE
8058.00	1.50	304.00	8056.85	1.71 S	52.93 W	0.14	51.51	MSS SURVEYS BY RIG CREW
8214.00	2.50	319.00	8212.76	2.00 N	56.86 W	0.72	56.10	
8370.00	2.50	321.00	8368.61	7.21 N	61.23 W	0.06	61.43	
8494.00	2.25	305.00	8492.50	10.71 N	64.93 W	0.57	65.75	
8654.00	2.00	354.00	8652.40	15.29 N	67.79 W	1.11	69.48	
8820.00	1.25	309.00	8818.34	19.31 N	69.50 W	0.86	71.96	
8996.00	1.00	284.00	8994.31	20.89 N	72.48 W	0.31	75.20	
9184.00	1.75	269.00	9182.26	21.23 N	76.95 W	0.44	79.64	
9309.00	1.50	289.00	9307.21	21.73 N	80.40 W	0.49	83.13	
9598.00	1.25	247.00	9596.13	21.73 N	86.88 W	0.35	89.48	
9718.00	2.25	299.00	9716.08	22.36 N	90.14 W	1.48	92.80	
9902.00	1.75	284.00	9899.97	24.79 N	96.03 W	0.39	99.06	
10090.00	1.00	259.00	10087.91	25.18 N	100.43 W	0.50	103.44	
10279.00	1.00	264.00	10276.88	24.69 N	103.69 W	0.05	106.53	
10437.00	2.25	214.00	10434.82	21.97 N	106.79 W	1.13	109.03	
10629.00	2.75	198.00	10626.64	14.47 N	110.32 W	0.44	110.98	
10819.00	2.75	214.00	10816.43	6.35 N	114.28 W	0.40	113.22	
11006.00	3.00	299.00	11003.26	5.01 N	121.07 W	2.08	119.60	
11162.00	2.25	219.00	11159.14	4.61 N	126.57 W	2.19	124.91	

All data is in feet unless otherwise stated
Coordinates from structure and TVD from wellhead.
Vertical section is from wellhead on azimuth 281.60 degrees.
Declination is 0.00 degrees, Convergence is 0.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ