

Santa Fe Snyder Corporation
Old Canyon Ranch 7 Federal No. 3, slot #1
Indian Basin, EDDY COUNTY, NM.

SURVEY LISTING
Your ref : Gyro /MWD
Last revised : 22-Aug-2000

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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
6960.00	32.60	117.90	6315.34	1137.54 S	0.97	2319.30
7023.00	33.10	118.40	6368.26	1153.66 S	0.90	2353.46
7086.00	32.90	119.10	6421.10	1170.17 S	0.68	2387.77
7150.00	32.50	120.40	6474.96	1187.32 S	1.26	2422.35
7212.00	32.40	120.50	6527.27	1204.18 S	0.18	2455.61
7275.00	32.30	120.70	6580.50	1221.34 S	0.23	2489.31
7339.00	32.30	120.40	6634.59	1238.72 S	0.25	2523.50
7402.00	32.10	120.80	6687.90	1255.81 S	0.46	2557.06
7466.00	32.50	120.80	6742.00	1273.32 S	0.62	2591.25
7527.00	33.10	119.80	6793.28	1289.99 S	1.33	2624.29
7591.00	33.60	119.20	6846.74	1307.32 S	0.94	2659.47
7646.00	33.40	119.10	6892.60	1322.10 S	0.38	2689.83
7709.00	32.10	119.30	6945.58	1338.73 S	2.07	2723.91
7771.00	29.80	119.00	6998.75	1354.26 S	3.72	2755.79
7835.00	28.90	120.80	7054.54	1369.89 S	1.97	2787.16
7898.00	30.00	121.00	7109.40	1385.80 S	1.75	2818.12
7962.00	30.60	119.90	7164.65	1402.16 S	1.28	2850.40
8025.00	31.20	118.60	7218.71	1417.96 S	1.42	2882.75
8087.00	32.40	116.80	7271.41	1433.14 S	2.47	2915.41
8150.00	32.40	119.20	7324.60	1448.99 S	2.04	2949.15
8214.00	33.70	119.90	7378.25	1466.20 S	2.12	2984.05
8276.00	32.70	119.60	7430.12	1483.05 S	1.63	3018.00
8340.00	32.20	119.80	7484.13	1500.06 S	0.80	3052.34
8403.00	31.50	121.30	7537.65	1516.96 S	1.68	3085.57
8467.00	30.90	120.80	7592.39	1534.06 S	1.02	3118.71

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 3607.13 on azimuth 119.51 degrees from wellhead.
Vertical section is from wellhead on azimuth 119.36 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ