

Results of Directional Survey

30-025-36025

PURE RESOURCES
GERONIMO 28 STATE COM # 1

	MD	N/S	E/W	VD
	13662	-17.70	113.13	13652.88
TOP PERFS/OH	13767	-3.36	104.82	13756.55
	13721	-9.64	108.46	13711.13
	13784	-1.00	103.48	13773.34
BOT PERFS/OH	13825	5.27	102.05	13813.82
	13935	22.08	98.22	13922.43

NEXT TO LAST	14209	67.84	112.09	14192.16
LAST READING	14314	85.06	120.83	14295.36
TD	14314	85.06	120.83	14295.36

Surface Location	1950	FS	1600	FW
Projected BHL	2035	FS	1721	FW
Location of				
Top Perfs/OH	1947	FS	1705	FW
Bottom Perfs/OH	1955	FS	1702	FW

SUMMARY of Subsurface Locations

Surface Location	K-28-22S-35E	1950	FS	1600	FW	Vert. Depth
Top Perfs/OH	K-28-22S-35E	1947	FS	1705	FW	13756.55
Bottom Perfs/OH	K-28-22S-35E	1955	FS	1702	FW	13813.82
Projected TD	K-28-22S-35E	2035	FS	1721	FW	14295.36

gyro/data

Gyrodata Incorporated
3811 S. Co. Rd. 1285
Odessa, TX. 79765

915/561-8458
Fax: 915/563-7982

SUR: K-28-22s-35e, 1950/S & 1600/W
BHL: K-28-22s-35e, 2035/S & 1721/W
API #30-025-36025

SURVEY REPORT
PURE RESOURCES
GERONIMO #1
TMBR/SHARP # 28
LEA COUNTY, NEW MEXICO
MD1202G_277

DECEMBER 5, 2002

Serving the Worldwide Energy Industry with Precision Survey Instrumentation

A Gyrodata Directional Survey

for

PURE RESOURCES L.P.

Location: TMBR/SHARP-28, Lea County, New Mexico
Well: Geronimo #1, 4-1/2" Drillpipe

Job Number: MD1202G_277

Run Date: 12/5/02 5:45:17 AM

Surveyor: Brian Jansky Matthew May

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.360889 deg. N Longitude: 103.375583 deg. E

Azimuth Correction:

Gyro: -0.51000 deg West to Grid North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Local Horizontal Reference

A Gyrodata Directional Survey

PURE RESOURCES L.P.

Well: Geronimo #1, 4-1/2" Drillpipe

Location: TMBR/SHARP-28, Lea County, New Mexico

Job Number: MD1202G_277

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.0	0.00	0.00	N 0 0 E	0.00	0.0	0.0 0.0	0.00 N 0.00 E

0 to 12081 Ft Rate gyroscopic multishot survey run inside 4-1/2" drillpipe							
All measured depths and coordinates referenced to TMBR/SHARP #28 R.K.B.							

100.0	0.66	212.91	S 32 54 W	0.66	100.0	0.6 212.9	0.48 S 0.31 W
200.0	0.78	217.20	S 37 12 W	0.13	200.0	1.8 214.5	1.50 S 1.03 W
300.0	0.51	208.05	S 28 3 W	0.29	300.0	2.9 214.2	2.44 S 1.65 W
400.0	0.59	191.87	S 11 52 W	0.17	400.0	3.9 210.6	3.33 S 1.97 W
500.0	0.39	154.85	S 25 9 E	0.36	500.0	4.6 205.0	4.14 S 1.93 W
600.0	0.38	146.62	S 33 23 E	0.06	600.0	5.0 198.7	4.73 S 1.60 W
700.0	0.61	153.72	S 26 17 E	0.24	700.0	5.6 192.1	5.48 S 1.18 W
800.0	0.09	133.85	S 46 9 E	0.53	800.0	6.1 188.4	6.02 S 0.89 W
900.0	0.44	184.50	S 4 30 W	0.39	900.0	6.5 187.6	6.45 S 0.86 W
1000.0	0.17	136.70	S 43 18 E	0.35	1000.0	7.0 186.5	6.95 S 0.79 W
1100.0	0.26	134.62	S 45 23 E	0.08	1100.0	7.2 184.2	7.21 S 0.52 W
1200.0	0.24	142.64	S 37 22 E	0.04	1200.0	7.5 181.8	7.54 S 0.24 W
1300.0	0.24	141.75	S 38 15 E	0.00	1300.0	7.9 179.9	7.87 S 0.02 E
1400.0	0.22	157.67	S 22 20 E	0.07	1400.0	8.2 178.5	8.21 S 0.22 E
1500.0	0.35	133.98	S 46 1 E	0.17	1500.0	8.6 176.6	8.59 S 0.51 E
1600.0	0.34	138.80	S 41 12 E	0.03	1600.0	9.1 174.1	9.03 S 0.93 E
1742.5	0.34	135.09	S 44 54 E	0.02	1742.4	9.8 171.1	9.65 S 1.51 E
1836.9	0.33	137.54	S 42 28 E	0.02	1836.9	10.2 169.4	10.05 S 1.89 E
1931.4	0.35	133.45	S 46 33 E	0.04	1931.3	10.7 167.7	10.45 S 2.28 E
2025.8	0.35	113.74	S 66 15 E	0.13	2025.8	11.1 165.6	10.76 S 2.75 E

PURE RESOURCES L.P.
Well: Geronimo #1, 4-1/2" Drillpipe
Location: TMBR/SHARP-28, Lea County, New Mexico
Job Number: MD1202G_277

A Gyrodata Directional Survey

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2120.2	0.65	82.02					
2214.7	0.99	69.94	N 82 1 E	0.42	2120.2		
2309.1	1.07	68.16	N 69 57 E	0.41	2214.6	11.4 161.8	10.81 S 3.55 E
2403.6	1.05	67.69	N 68 10 E	0.09	2309.0	11.5 155.1	10.45 S 4.85 E
2498.0	1.05	64.19	N 67 41 E	0.02	2403.5	11.8 146.8	9.84 S 6.44 E
			N 64 11 E	0.07	2497.9	12.2 138.8	9.19 S 8.05 E
						12.8 131.4	8.48 S 9.63 E
2592.4	1.01	65.66	N 65 39 E	0.05	2592.3	13.6 124.8	
2686.9	0.92	71.58	N 71 35 E	0.15	2686.7	14.5 119.6	7.76 S 11.17 E
2781.3	0.83	72.63	N 72 38 E	0.09	2781.2	15.5 115.7	7.18 S 12.64 E
2875.8	0.87	74.24	N 74 15 E	0.04	2875.6	16.6 112.4	6.74 S 14.01 E
2970.2	0.80	73.80	N 73 48 E	0.07	2970.0	17.7 109.7	6.34 S 15.36 E
							5.96 S 16.68 E
3064.6	0.77	74.24	N 74 14 E	0.04	3064.5	18.8 107.4	
3159.1	0.75	74.48	N 74 29 E	0.01	3158.9	19.8 105.4	5.60 S 17.92 E
3253.5	0.77	69.50	N 69 30 E	0.07	3253.3	20.9 103.5	5.26 S 19.13 E
3348.0	0.78	64.48	N 64 29 E	0.07	3347.8	21.9 101.5	4.87 S 20.33 E
3442.4	1.00	52.07	N 52 4 E	0.30	3442.2	23.0 99.0	4.37 S 21.51 E
							3.59 S 22.74 E
3536.8	1.28	48.03	N 48 2 E	0.31	3536.6	24.3 95.6	
3631.3	1.51	49.04	N 49 2 E	0.24	3631.0	25.9 91.9	2.38 S 24.17 E
3725.7	1.74	50.37	N 50 22 E	0.25	3725.4	27.9 88.2	0.86 S 25.89 E
3820.2	1.75	54.58	N 54 35 E	0.14	3819.8	30.3 85.1	0.86 N 27.93 E
3914.6	1.80	57.34	N 57 20 E	0.11	3914.2	32.9 82.6	2.61 N 30.21 E
							4.25 N 32.63 E
4009.0	1.75	60.34	N 60 21 E	0.11	4008.6	35.6 80.7	
4103.5	1.62	64.10	N 64 6 E	0.19	4103.0	38.2 79.4	5.77 N 35.14 E
4197.9	1.59	67.00	N 67 0 E	0.09	4197.4	40.8 78.5	7.06 N 37.59 E
4292.4	1.41	66.63	N 66 38 E	0.19	4291.8	43.3 77.8	8.16 N 40.00 E
							9.13 N 42.28 E

A Gyrodata Directional Survey

PURE RESOURCES L.P.

Well: Geronimo #1, 4-1/2" Drillpipe

Location: TMBR/SHARP-28, Lea County, New Mexico

Job Number: MD1202G_277

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4386.8	1.29	64.96	N 64 58 E	0.14	4386.2	45.4 77.2	10.04 N 44.31 E
4481.2	1.26	60.22	N 60 13 E	0.12	4480.6	47.5 76.6	11.01 N 46.16 E
4575.7	1.17	66.80	N 66 48 E	0.17	4575.1	49.4 76.1	11.90 N 47.95 E
4670.1	1.68	66.64	N 66 39 E	0.54	4669.5	51.7 75.6	12.83 N 50.11 E
4764.6	1.60	62.63	N 62 38 E	0.15	4763.9	54.4 75.1	13.99 N 52.55 E
4859.0	1.18	69.30	N 69 18 E	0.47	4858.3	56.6 74.7	14.94 N 54.64 E
4953.4	0.83	62.74	N 62 45 E	0.39	4952.7	58.3 74.5	15.60 N 56.16 E
5047.9	0.74	43.23	N 43 14 E	0.30	5047.1	59.5 74.0	16.35 N 57.19 E
5142.3	0.67	355.91	N 4 6 W	0.60	5141.6	60.1 73.2	17.35 N 57.56 E
5236.8	0.37	333.03	N 26 58 W	0.38	5236.0	60.2 72.4	18.17 N 57.39 E
5331.2	0.58	334.49	N 25 30 W	0.23	5330.5	60.1 71.7	18.88 N 57.04 E
5425.6	0.52	335.70	N 24 18 W	0.07	5424.9	60.0 70.8	19.71 N 56.66 E
5520.1	0.72	328.01	N 31 59 W	0.23	5519.3	59.8 69.9	20.60 N 56.17 E
5614.5	0.64	343.69	N 16 19 W	0.21	5613.8	59.7 68.8	21.60 N 55.71 E
5709.0	0.46	345.76	N 14 14 W	0.18	5708.2	59.8 67.9	22.47 N 55.47 E
5803.4	0.15	168.83	S 11 10 E	0.65	5802.6	59.9 67.7	22.72 N 55.40 E
5897.8	0.54	147.15	S 32 51 E	0.43	5897.1	59.9 68.2	22.23 N 55.66 E
5992.3	0.61	140.18	S 39 49 E	0.10	5991.5	60.2 69.1	21.47 N 56.22 E
6086.7	0.66	109.15	S 70 51 E	0.36	6085.9	60.8 69.9	20.91 N 57.05 E
6181.2	0.63	123.01	S 57 0 E	0.17	6180.4	61.5 70.6	20.45 N 58.00 E
6275.6	0.65	131.18	S 48 49 E	0.10	6274.8	62.1 71.4	19.81 N 58.84 E
6370.0	0.60	146.12	S 33 53 E	0.18	6369.2	62.5 72.3	19.05 N 59.52 E
6464.5	0.67	167.52	S 12 29 E	0.26	6463.7	62.6 73.2	18.10 N 59.92 E
6558.9	0.79	159.93	S 20 4 E	0.17	6558.1	62.6 74.3	16.95 N 60.26 E

A Gyrodata Directional Survey

PURE RESOURCES L.P.

Well: Geronimo #1, 4-1/2" Drillpipe

Location: TMBR/SHARP-28, Lea County, New Mexico

Job Number: MD1202G_277

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
6653.4	0.81	164.15	S 15 51 E	0.06	6652.5	62.7 75.5	15.70 N 60.67 E
6747.8	0.92	169.33	S 10 40 E	0.14	6747.0	62.6 76.8	14.32 N 60.99 E
6842.2	0.90	170.03	S 9 58 E	0.02	6841.4	62.6 78.2	12.85 N 61.25 E
6936.7	0.98	172.00	S 8 0 E	0.09	6935.8	62.5 79.6	11.32 N 61.49 E
7031.1	1.07	175.70	S 4 18 E	0.12	7030.2	62.4 81.1	9.64 N 61.67 E
7125.6	1.07	175.66	S 4 20 E	0.00	7124.7	62.3 82.7	7.87 N 61.81 E
7220.0	1.19	181.16	S 1 10 W	0.17	7219.1	62.1 84.5	6.01 N 61.85 E
7314.4	1.14	174.11	S 5 53 E	0.16	7313.5	62.1 86.2	4.09 N 61.93 E
7408.9	1.00	172.74	S 7 16 E	0.15	7407.9	62.2 87.8	2.33 N 62.13 E
7503.3	1.18	173.12	S 6 53 E	0.19	7502.4	62.4 89.5	0.55 N 62.35 E
7597.8	1.00	165.10	S 14 54 E	0.25	7596.8	62.7 91.1	1.20 S 62.68 E
7692.2	0.90	159.62	S 20 23 E	0.14	7691.2	63.2 92.4	2.69 S 63.15 E
7786.6	1.07	156.03	S 23 58 E	0.19	7785.6	63.9 93.8	4.19 S 63.76 E
7881.1	1.03	147.63	S 32 22 E	0.17	7880.1	64.8 95.1	5.71 S 64.57 E
7975.5	1.13	144.25	S 35 45 E	0.12	7974.5	66.0 96.2	7.18 S 65.57 E
8070.0	1.14	142.91	S 37 6 E	0.03	8068.9	67.2 97.4	8.68 S 66.68 E
8164.4	1.26	137.60	S 42 24 E	0.18	8163.3	68.7 98.5	10.19 S 67.95 E
8258.8	1.28	139.16	S 40 50 E	0.04	8257.7	70.3 99.6	11.76 S 69.34 E
8353.3	1.48	137.98	S 42 1 E	0.22	8352.2	72.1 100.8	13.47 S 70.84 E
8447.7	1.60	133.35	S 46 39 E	0.18	8446.6	74.2 101.9	15.28 S 72.62 E
8542.2	1.55	129.36	S 50 38 E	0.13	8541.0	76.5 102.8	16.99 S 74.56 E
8636.6	1.62	131.34	S 48 39 E	0.10	8635.4	78.8 103.7	18.68 S 76.55 E
8731.0	1.26	132.55	S 47 27 E	0.38	8729.8	80.9 104.5	20.26 S 78.31 E
8825.5	1.35	131.21	S 48 48 E	0.10	8824.2	82.8 105.2	21.69 S 79.91 E

A Gyrodata Directional Survey

PURE RESOURCES L.P.

Well: Geronimo #1, 4-1/2" Drillpipe

Location: TMBR/SHARP-28, Lea County, New Mexico

Job Number: MD1202G_277

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
8919.9	1.24	125.94	S 54 4 E	0.17	8918.6	84.8 105.8	23.03 S 81.58 E
9014.4	0.98	69.31	N 69 19 E	1.14	9013.0	86.4 105.7	23.34 S 83.16 E
9108.8	1.07	128.66	S 51 20 E	1.08	9107.5	87.8 105.6	23.61 S 84.60 E
9203.2	4.10	2.23	N 2 14 E	5.10	9201.8	87.9 103.7	20.79 S 85.42 E
9297.7	2.52	359.25	N 0 45 W	1.68	9296.1	86.9 100.2	15.34 S 85.53 E
9392.1	0.63	343.05	N 16 57 W	2.03	9390.5	86.3 98.5	12.76 S 85.35 E
9486.6	0.79	209.46	S 29 27 W	1.39	9484.9	85.8 98.6	12.83 S 84.88 E
9581.0	0.97	214.08	S 34 5 W	0.20	9579.4	85.3 99.5	14.06 S 84.11 E
9675.4	1.05	225.95	S 45 57 W	0.24	9673.8	84.4 100.4	15.31 S 83.04 E
9769.9	1.24	217.89	S 37 53 W	0.27	9768.2	83.5 101.6	16.72 S 81.79 E
9864.3	1.39	204.91	S 24 55 W	0.35	9862.6	82.8 103.0	18.57 S 80.68 E
9958.8	1.34	193.81	S 13 48 W	0.28	9957.0	82.6 104.5	20.68 S 79.94 E
10053.2	1.50	184.39	S 4 24 W	0.30	10051.5	82.8 106.1	22.99 S 79.58 E
10147.6	2.03	180.27	S 0 16 W	0.57	10145.9	83.6 108.1	25.90 S 79.47 E
10242.1	1.96	167.86	S 12 9 E	0.46	10240.2	85.0 110.1	29.15 S 79.81 E
10336.5	2.21	163.87	S 16 8 E	0.31	10334.6	87.0 111.9	32.49 S 80.65 E
10431.0	2.18	160.22	S 19 47 E	0.15	10429.0	89.3 113.7	35.93 S 81.77 E
10525.4	2.31	157.27	S 22 44 E	0.18	10523.4	92.0 115.3	39.37 S 83.11 E
10619.8	2.28	155.24	S 24 45 E	0.09	10617.7	94.9 116.8	42.83 S 84.63 E
10714.3	2.66	155.83	S 24 10 E	0.41	10712.1	98.1 118.3	46.54 S 86.32 E
10808.7	2.74	147.48	S 32 31 E	0.42	10806.4	101.8 119.7	50.44 S 88.43 E
10903.2	1.54	143.00	S 37 0 E	1.28	10900.8	105.0 120.5	53.35 S 90.40 E
10997.6	0.95	128.22	S 51 47 E	0.71	10995.2	106.9 120.9	54.85 S 91.77 E
11092.0	1.04	131.78	S 48 13 E	0.12	11089.6	108.5 121.0	55.90 S 93.03 E

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A Gyrodata Directional Survey

PURE RESOURCES L.P.

Well: Geronimo #1, 4-1/2" Drillpipe

Location: TMBR/SHARP-28, Lea County, New Mexico

Job Number: MD1202G_277

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
11186.5	1.27	145.69	S 34 18 E	0.38	11184.0	110.3 121.3	57.34 S 94.26 E
11280.9	1.17	146.11	S 33 54 E	0.10	11278.5	112.2 121.7	59.00 S 95.38 E
11375.4	1.52	144.97	S 35 2 E	0.36	11372.9	114.2 122.2	60.83 S 96.64 E
11469.8	2.26	144.52	S 35 29 E	0.79	11467.3	117.1 122.8	63.37 S 98.44 E
11564.2	2.43	143.41	S 36 35 E	0.18	11561.6	120.7 123.4	66.49 S 100.71 E
11658.7	2.18	116.52	S 63 29 E	1.16	11656.0	124.3 123.6	68.90 S 103.51 E
11753.1	2.27	120.51	S 59 29 E	0.19	11750.4	128.0 123.5	70.65 S 106.73 E
11847.6	1.98	122.61	S 57 24 E	0.31	11844.7	131.5 123.4	72.48 S 109.72 E
11942.0	1.93	135.39	S 44 37 E	0.46	11939.1	134.7 123.6	74.49 S 112.21 E
12037.0	1.33	145.44	S 34 33 E	0.70	12034.1	137.3 123.9	76.53 S 113.96 E
12081.0	1.53	125.49	S 54 30 E	1.22	12078.1	138.3 124.0	77.29 S 114.72 E

Final Station Closure: Distance: 138.33 ft Az: 123.97 deg.

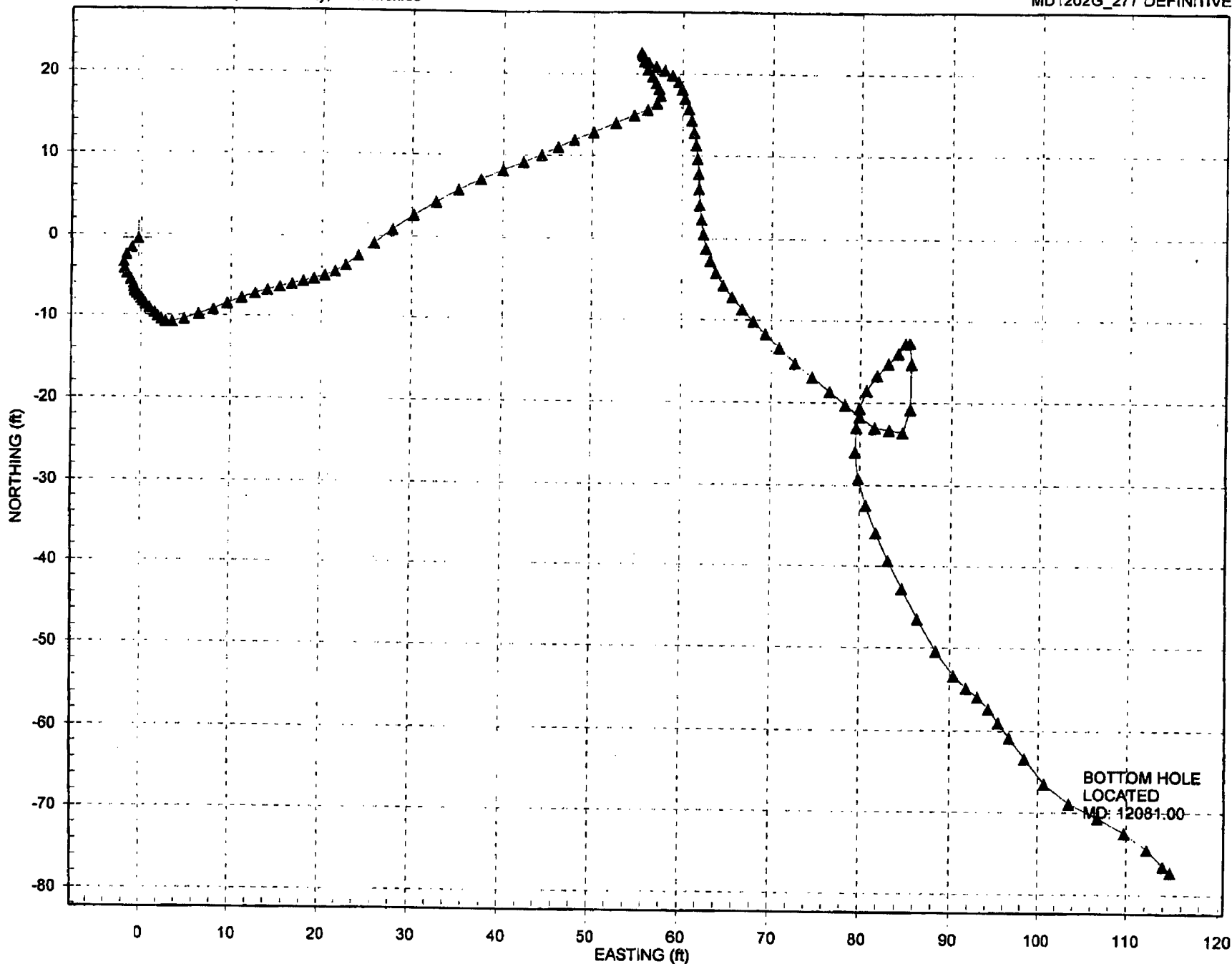
04/21/03 10:36 FAX 915 686 7962

TITAN RESOURCES I, INC.

011

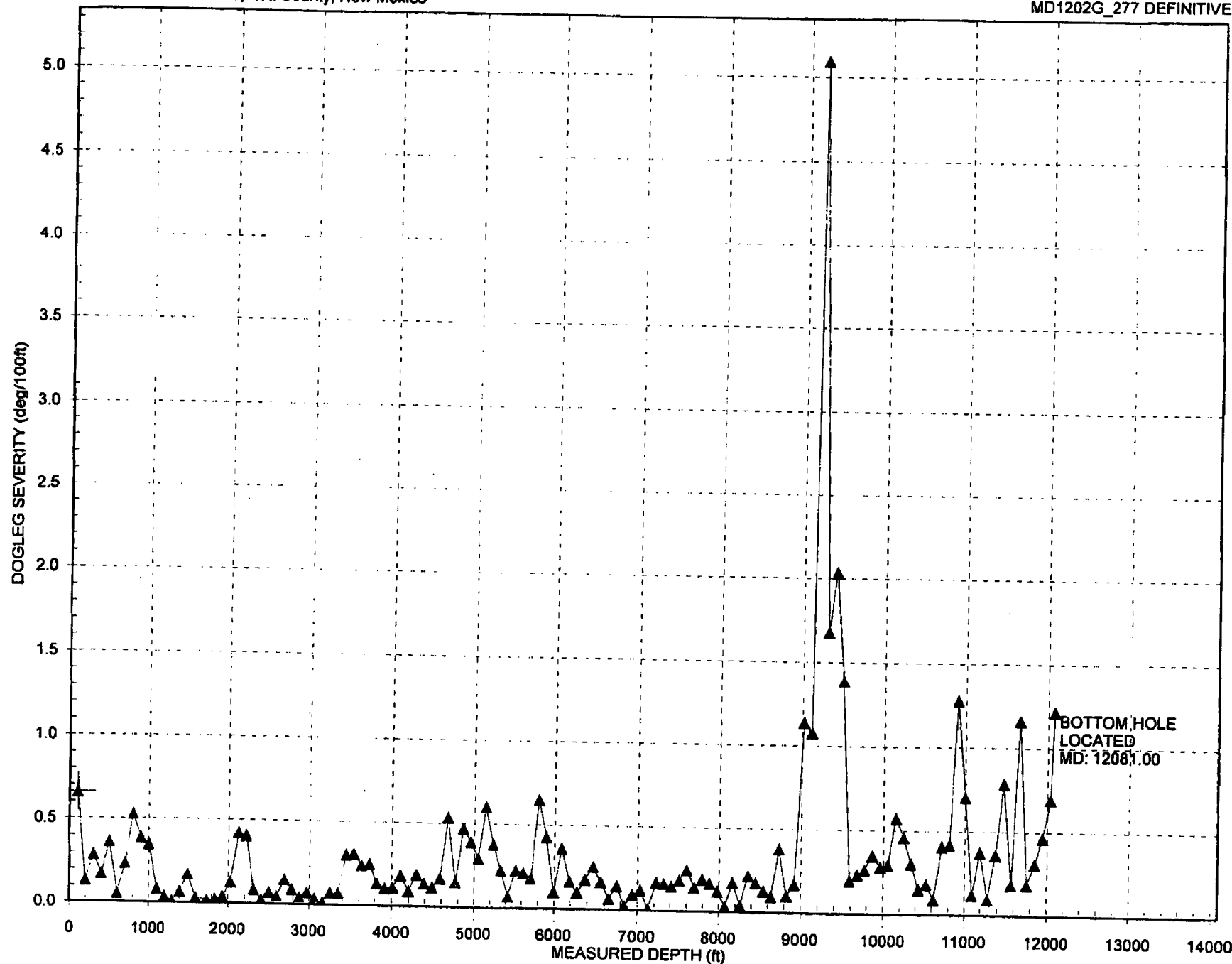
PURE RESOURCES L.P.
Well: Geronimo #1 4-1/2" Drillpipe
Location: TMBR/SHARP-28, Lea County, New Mexico

Gyrodata, Inc.
MD1202G_277 DEFINITIVE



PURE RESOURCES L.P.
Well: Geronimo #1 4-1/2" Drillpipe
Location: TMBR/SHARP-28, Lea County, New Mexico

Gyrodatta, Inc.
MD1202G_277 DEFINITIVE



04/21/03 10:36 FAX 915 686 7962

TITAN RESOURCES I, INC.

013

APR-21-03 MON 08:59 AM FROM: 915 686 7962

TO:

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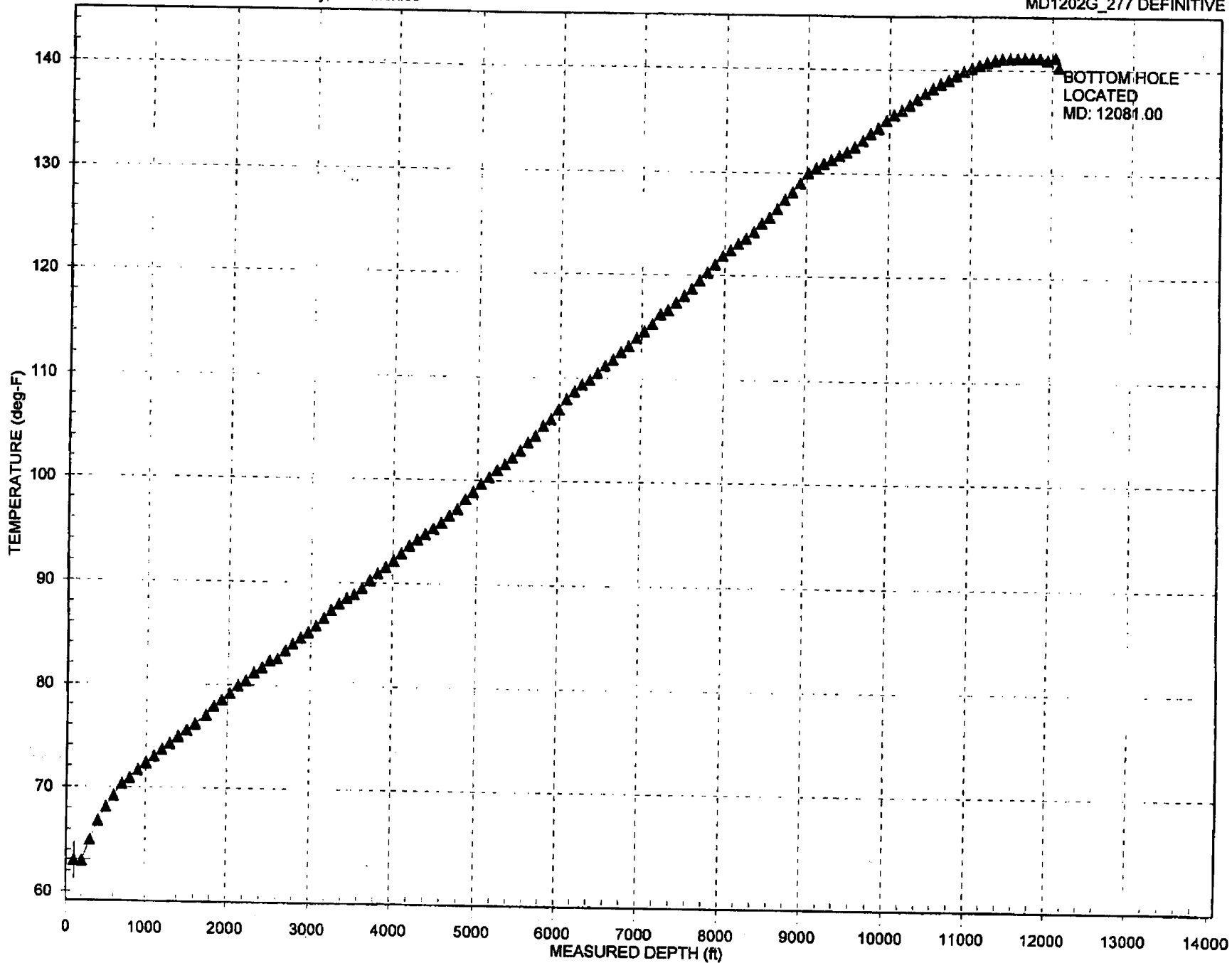
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PURE RESOURCES L.P.
Well: Geronimo #1 4-1/2" Drillpipe
Location: TMBR/SHARP-28, Lea County, New Mexico

Gyrodata, Inc.
MD1202G_277 DEFINITIVE



04/21/03 10:37 FAX 915 686 7962

TITAN RESOURCES I, INC.

014



DIRECTIONAL DRILLING CONTRACTORS, L.L.C.

I Pete Simanonok, certify that I am employed by DDC L.L.C. That I did on the day (s) of 12/14/02 Thru 12/22/02 conduct or supervise the taking of a MWD survey from a depth of 12081 feet to a depth of 14314 feet; that the data is true. correct. complete and within the limitations of the tool as set forth by DDC L.L.C.; that I am authorized and qualified to make this report; that this survey was conducted at the request of Pure Resources for the Geronimo #1 Well in Lea County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by DDC L.L.C.

A handwritten signature in black ink, appearing to read 'Pete Simanonok', is written over a horizontal line.

Pete Simanonok

• 213 Riggs Street • Conroe, Texas 77301 •
• PH 936-441-7545 • FAX 936-539-6719 •



DIRECTIONAL DRILLING CONTRACTORS, LLC.

Job Number: MDR-2165
 Company: Pure Resources
 Lease/Well: Geronimo #1
 Location: Lea County
 Rig Name: TMBR/Sharp #28
 RKB:
 G.L. or M.S.L.:

State/Country: New Mexico / USA
 Declination:
 Grid:
 File name: C:\PROPOS~1\2002\02150\S102-152\02-152.SVY
 Date/Time: 26-Mar-03 / 15:07
 Curve Name: DDC As-Drilled Well

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane .00
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	Dogleg Severity Deg/100	N-S FT	E-W FT	CLOSURE Distance FT Direction Deg	
Tie-In to GyroData Survey									
12081.00	1.50	126.00	12078.10	-78.30	.00	-78.30	114.00	138.30	124.48
12142.00	1.70	116.70	12139.08	-79.18	.54	-79.18	115.45	139.99	124.44
12234.00	1.90	120.20	12231.03	-80.56	.25	-80.56	117.99	142.87	124.32
12326.00	1.80	119.50	12322.98	-82.03	.11	-82.03	120.57	145.83	124.23
12418.00	1.60	116.30	12414.94	-83.32	.24	-83.32	122.98	148.54	124.12
12511.00	1.70	109.50	12507.90	-84.35	.24	-84.35	125.44	151.16	123.92
12604.00	2.30	86.10	12600.85	-84.68	1.08	-84.68	128.60	153.98	123.36
12697.00	3.10	79.90	12693.74	-84.12	.91	-84.12	132.94	157.32	122.32
12788.00	3.50	81.20	12784.59	-83.26	.45	-83.26	138.11	161.26	121.08
12880.00	3.30	75.90	12876.43	-82.19	.40	-82.19	143.45	165.33	119.81
12958.00	3.60	73.80	12954.29	-80.96	.42	-80.96	147.98	168.68	118.68
12991.00	3.00	75.00	12987.24	-80.44	1.83	-80.44	149.81	170.04	118.23
13051.00	1.50	86.40	13047.19	-79.99	2.60	-79.99	152.11	171.86	117.74
13111.00	1.60	313.40	13107.18	-79.36	4.74	-79.36	152.28	171.72	117.53
13173.00	4.90	323.20	13169.07	-76.65	5.38	-76.65	150.07	168.51	117.06
13234.00	6.20	329.50	13229.78	-71.72	2.35	-71.72	146.84	163.42	116.03
13295.00	6.90	319.20	13290.39	-66.11	2.24	-66.11	142.77	157.33	114.85
13356.00	10.00	317.20	13350.72	-59.45	5.10	-59.45	136.78	149.14	113.49
13415.00	9.40	325.50	13408.88	-51.72	2.58	-51.72	130.57	140.44	111.61
13478.00	8.90	327.80	13471.08	-43.35	.98	-43.35	125.06	132.36	109.12

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	Dogleg Severity Deg/100	N-S FT	E-W FT	CLOSURE Distance FT	Direction Deg
13539.00	8.50	333.40	13531.37	-35.33	1.53	-35.33	120.52	125.59	106.34
13601.00	9.10	339.40	13592.65	-26.64	1.77	-26.64	116.75	119.75	102.86
13662.00	9.10	336.60	13652.88	-17.70	.73	-17.70	113.13	114.51	98.89
13721.00	9.20	323.30	13711.13	-9.64	3.58	-9.64	108.46	108.89	95.08
13752.00	9.10	332.00	13741.74	-5.49	4.47	-5.49	105.83	105.97	92.97
13784.00	9.10	332.70	13773.34	-1.00	.35	-1.00	103.48	103.48	90.55
13935.00	9.50	1.00	13922.43	22.08	3.01	22.08	98.22	100.67	77.33
14007.00	9.90	12.30	13993.41	34.07	2.70	34.07	99.64	105.30	71.12
14119.00	10.40	21.40	14103.66	52.89	1.50	52.89	105.38	117.91	63.35
14209.00	10.60	26.90	14192.16	67.84	1.14	67.84	112.09	131.02	58.82

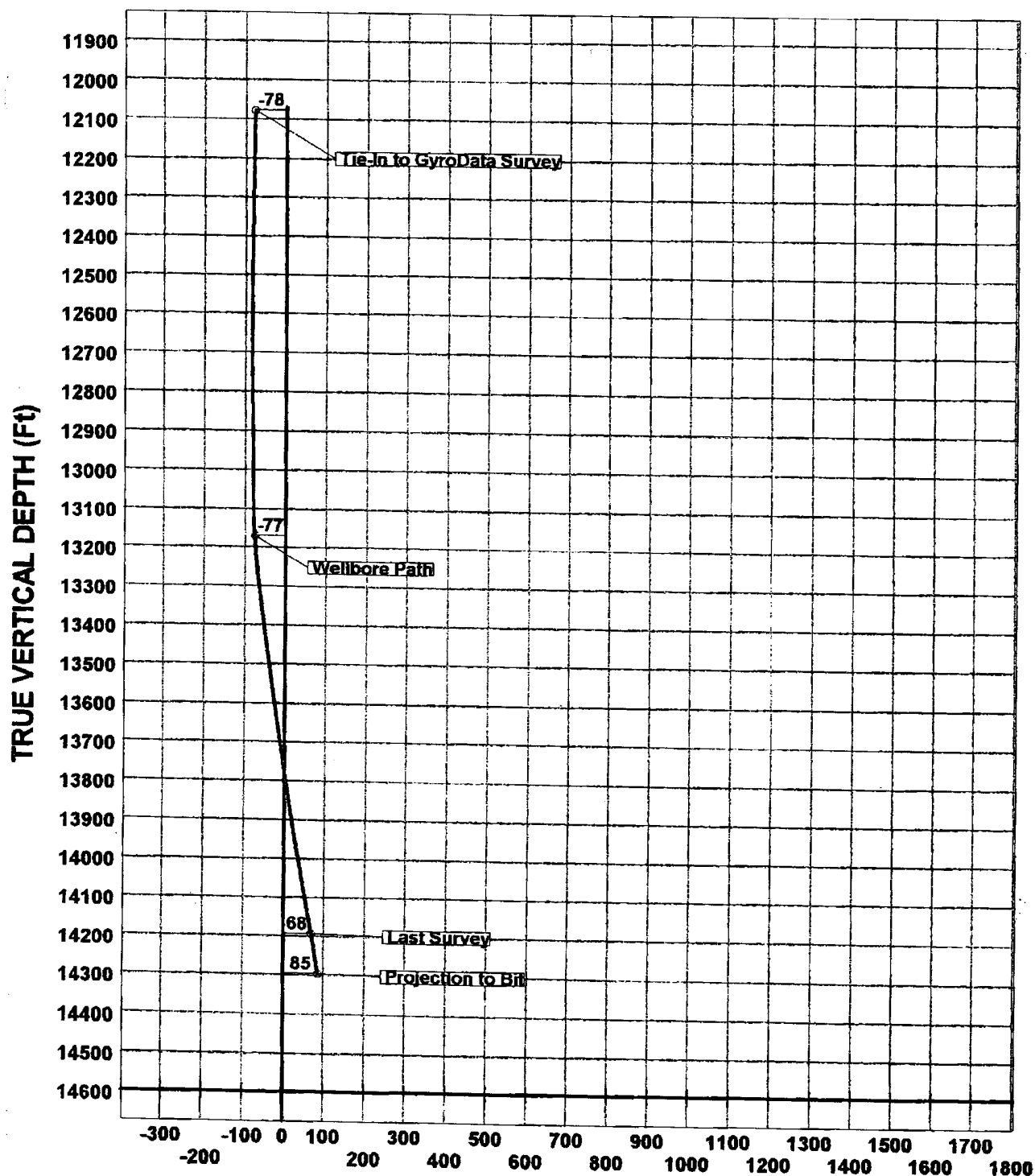
Projection to Bit

14314.00	10.60	26.90	14295.36	85.08	.00	85.06	120.83	147.77	54.86
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Company: Pure Resources
Lease/Well: Geronimo #1
Location: Lea County
Rig Name: TMBR/Sharp #28
State/Country: Texas/USA
Declination:

Grid:

DDC
Directional Drilling Contractors, LLC



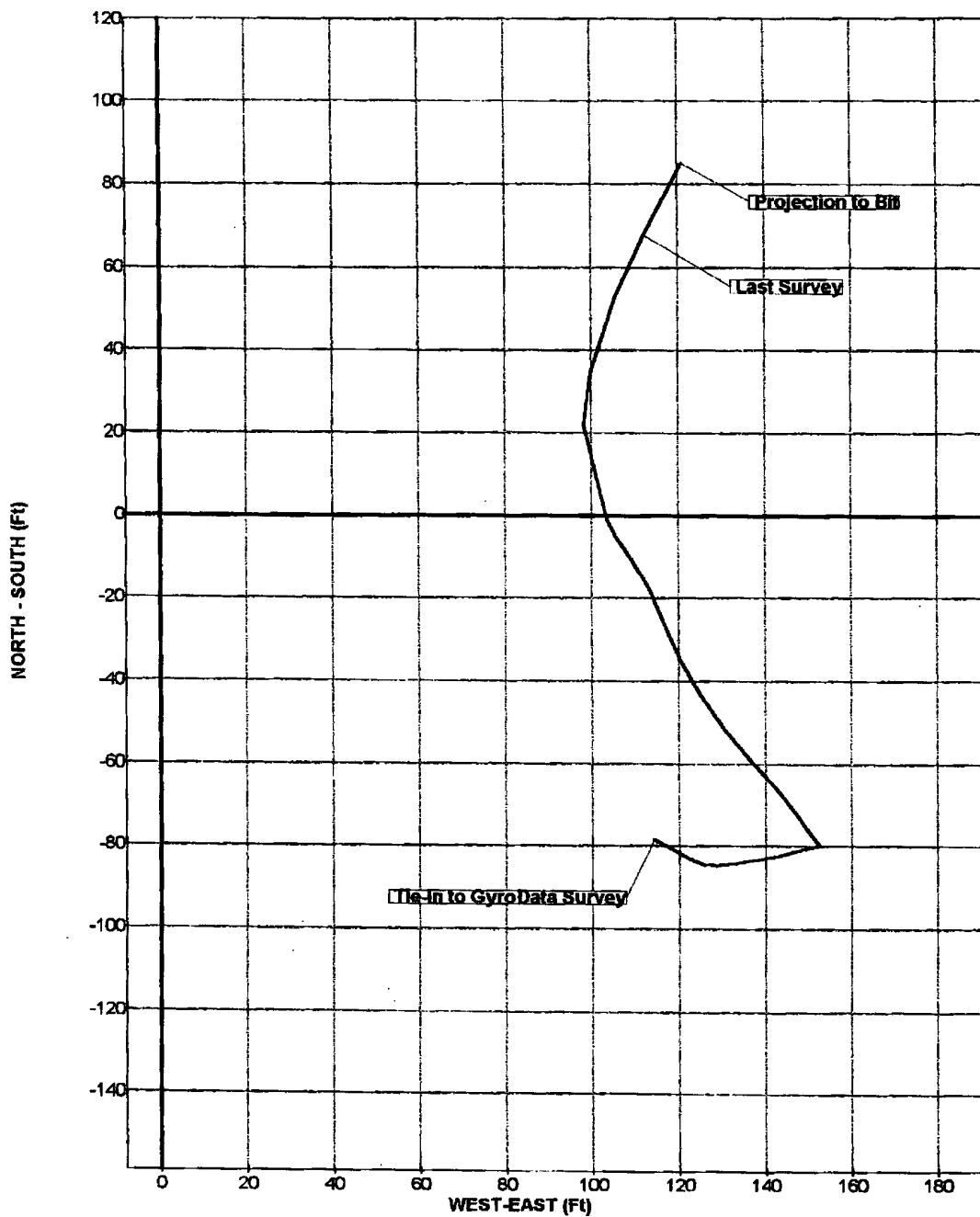
-- DDC As-Drilled Well

VERTICAL SECTION (Ft) @ .00°

Company: Pure Resources
Lease/Well: Geronimo #1
Location: Lea County
Rig Name: TMBR/Sharp #28
State/Country: Texas/USA
Declination:

Grid:

DDC
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- DDC As-Drilled Well