



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

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30-015-32853

SURVEY REPORT
NADEL & GUSSMAN PERMIAN
BRUTUS FEE NO. 1
PATTERSON # 3
EDDY COUNTY, NEW MEXICO
MD0803GW251

AUGUST 10, 2003



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

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August 11, 2003

Nadel & Gussman Permian
Attn: Drilling Department
601 N. Marienfeld Ste. 508
Midland, Texas 79701

Re: **Brutus Fee No. 1**
Eddy County, New Mexico

Enclosed, please find one (1) original, four (4) copies, and one (1) disk of the completed survey of the above referenced well.

We would like to take this opportunity to thank you for using Gyrodata, and we look forward to serving you in the future.

Sincerely,

A handwritten signature in black ink, appearing to read "Jena Tisdale".

Jena Tisdale
Operations

A Gyrodata Directional Survey

for

NANCE PETROLEUM CORPORATION

**Well: Brutus Fee #1, 3-1/2" Drillpipe
Location: Patterson #3, Eddy County, New Mexico**

Job Number: MD0803GW251

Run Date: 8/10/2003 2:00:00 AM

Surveyor: Tom Morren

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.346400 deg. N Longitude: 104.113600 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

Nance Petroleum Corporation

Well: Brutus Fee #1, 3-1/2" Drillpipe

Location: Patterson #3, Eddy County, New Mexico

Job Number: MD0803GW251

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. feet	AZIMUTH deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	N 0 0 E	0.00	0.00	0.0	0.0	0.00 N 0.00 E

0 - 7000 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 3-1/2" DRILLPIPE								
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATTERSON #3 R.K.B.								

100.00	0.69	284.38	N 75 37 W	0.69	100.00	0.6	284.4	0.15 N 0.58 W
200.00	0.78	264.53	S 84 32 W	0.27	199.99	1.9	277.2	0.23 N 1.84 W
300.00	1.02	246.55	S 66 33 W	0.37	299.98	3.3	266.8	0.18 S 3.33 W
400.00	0.95	250.77	S 70 46 W	0.10	399.96	5.0	260.6	0.81 S 4.92 W
500.00	0.81	259.76	S 79 46 W	0.20	499.95	6.5	259.3	1.21 S 6.41 W
600.00	0.87	258.21	S 78 13 W	0.06	599.94	8.0	259.2	1.49 S 7.85 W
700.00	0.77	270.62	N 89 23 W	0.20	699.93	9.4	260.0	1.64 S 9.27 W
800.00	0.62	273.60	N 86 24 W	0.16	799.92	10.6	261.3	1.60 S 10.48 W
900.00	0.65	274.00	N 86 0 W	0.04	899.92	11.7	262.5	1.53 S 11.59 W
1000.00	0.86	271.53	N 88 28 W	0.21	999.91	13.0	263.5	1.47 S 12.90 W
1100.00	0.50	252.41	S 72 25 W	0.42	1099.90	14.2	263.6	1.58 S 14.07 W
1200.00	0.74	154.40	S 25 36 E	0.94	1199.90	14.4	260.8	2.29 S 14.20 W
1300.00	0.73	157.45	S 22 33 E	0.04	1299.89	14.1	255.8	3.46 S 13.68 W
1400.00	0.63	175.10	S 4 54 E	0.23	1399.88	14.2	251.0	4.60 S 13.39 W
1500.00	1.10	90.07	S 89 56 E	1.22	1499.87	13.4	247.4	5.15 S 12.38 W
1600.00	2.89	107.45	S 72 33 E	1.87	1599.81	10.8	236.8	5.91 S 9.01 W
1700.00	3.99	94.23	S 85 46 E	1.35	1699.63	7.6	204.4	6.92 S 3.14 W
1800.00	4.22	97.00	S 83 0 E	0.31	1799.37	8.6	152.5	7.63 S 3.98 E
1900.00	4.42	109.35	S 70 39 E	0.95	1899.09	14.6	129.7	9.35 S 11.26 E
2000.00	4.32	95.19	S 84 49 E	1.08	1998.80	21.6	120.5	10.97 S 18.64 E

A Gyrodata Directional Survey

Nance Petroleum Corporation

Well: Brutus Fee #1, 3-1/2" Drillpipe

Location: Patterson #3, Eddy County, New Mexico

Job Number: MD0803GW251

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
2100.00	4.70	104.41	S 75 35 E	0.82	2098.50	29.1 115.1	12.33 S 26.36 E
2200.00	3.06	108.16	S 71 50 E	1.66	2198.26	35.8 113.3	14.18 S 32.87 E
2300.00	2.37	95.78	S 84 13 E	0.90	2298.15	40.4 112.1	15.22 S 37.47 E
2400.00	2.25	103.63	S 76 22 E	0.34	2398.07	44.4 111.0	15.89 S 41.43 E
2500.00	1.96	112.57	S 67 26 E	0.43	2498.00	48.0 110.7	17.01 S 44.92 E
2600.00	2.03	107.94	S 72 4 E	0.17	2597.94	51.5 110.7	18.21 S 48.19 E
2700.00	1.54	103.56	S 76 27 E	0.50	2697.89	54.6 110.4	19.07 S 51.17 E
2800.00	1.80	111.63	S 68 22 E	0.35	2797.85	57.5 110.3	19.97 S 53.94 E
2900.00	1.88	102.3	S 77 52 E	0.32	2897.80	60.7 110.1	20.89 S 57.01 E
3000.00	1.72	110.5	S 69 3 E	0.32	2997.75	63.8 109.9	21.77 S 60.02 E
3100.00	1.74	94.29	S 85 43 E	0.50	3097.70	66.8 109.6	22.42 S 62.93 E
3200.00	1.37	96.75	S 83 15 E	0.37	3197.67	69.4 109.1	22.68 S 65.63 E
3300.00	1.59	106.25	S 73 45 E	0.33	3297.63	72.0 108.8	23.21 S 68.15 E
3400.00	1.41	108.81	S 71 12 E	0.19	3397.60	74.6 108.8	23.99 S 70.64 E
3500.00	1.59	107.97	S 72 2 E	0.18	3497.57	77.2 108.7	24.82 S 73.13 E
3600.00	1.42	89.33	N 89 20 E	0.52	3597.53	79.8 108.4	25.23 S 75.69 E
3700.00	1.25	110.30	S 69 42 E	0.51	3697.50	82.0 108.2	25.59 S 77.96 E
3800.00	1.46	111.20	S 68 48 E	0.21	3797.48	84.4 108.2	26.43 S 80.17 E
3900.00	1.46	104.03	S 75 58 E	0.18	3897.44	87.0 108.2	27.20 S 82.60 E
4000.00	1.38	106.95	S 73 3 E	0.11	3997.41	89.4 108.2	27.86 S 84.99 E
4100.00	1.46	96.59	S 83 24 E	0.27	4097.38	91.9 108.0	28.36 S 87.40 E
4200.00	1.51	106.20	S 73 48 E	0.25	4197.35	94.4 107.8	28.87 S 89.93 E
4300.00	1.10	102.53	S 77 28 E	0.42	4297.32	96.7 107.7	29.45 S 92.12 E
4400.00	1.41	102.65	S 77 21 E	0.31	4397.30	98.9 107.6	29.93 S 94.26 E

A Gyrodata Directional Survey

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Well: Brutus Fee #1, 3-1/2" Drillpipe

Location: Patterson #3, Eddy County, New Mexico

Job Number: MD0803GW251

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
4500.00	1.05	85.95	N 85 57 E	0.51	4497.28	101.0 107.4	30.13 S 96.37 E
4600.00	1.17	107.44	S 72 34 E	0.43	4597.26	102.8 107.2	30.37 S 98.26 E
4700.00	1.10	111.83	S 68 10 E	0.11	4697.24	104.8 107.2	31.04 S 100.12 E
4800.00	0.70	91.58	S 88 25 E	0.50	4797.23	106.4 107.2	31.41 S 101.63 E
4900.00	1.21	96.94	S 83 9 E	0.52	4897.21	108.0 107.0	31.55 S 103.29 E
5000.00	0.71	80.26	N 80 15 E	0.57	4997.20	109.6 106.7	31.57 S 104.95 E
5100.00	0.91	81.55	N 81 39 E	0.20	5097.19	110.9 106.4	31.35 S 106.34 E
5200.00	1.04	113.80	S 66 12 E	0.56	5197.17	112.5 106.3	31.61 S 107.95 E
5300.00	0.62	104.73	S 75 16 E	0.45	5297.16	113.9 106.4	32.11 S 109.30 E
5400.00	0.79	82.72	N 82 44 E	0.32	5397.16	115.1 106.2	32.16 S 110.51 E
5500.00	1.02	100.69	S 79 19 E	0.36	5497.14	116.6 106.0	32.24 S 112.07 E
5600.00	0.76	75.69	N 75 41 E	0.46	5597.13	118.1 105.8	32.24 S 113.59 E
5700.00	0.73	74.75	N 74 45 E	0.04	5697.12	119.2 105.5	31.90 S 114.85 E
5800.00	0.97	103.06	S 76 57 E	0.47	5797.11	120.6 105.4	31.93 S 116.28 E
5900.00	0.74	106.38	S 73 37 E	0.23	5897.10	122.1 105.3	32.30 S 117.73 E
6000.00	0.59	80.40	N 80 24 E	0.33	5997.10	123.2 105.2	32.40 S 118.86 E
6100.00	0.36	91.93	S 88 4 E	0.25	6097.09	124.0 105.1	32.32 S 119.68 E
6200.00	0.82	305.95	N 54 3 W	1.14	6197.09	123.6 105.0	31.91 S 119.42 E
6300.00	1.13	312.82	N 47 11 W	0.33	6297.07	122.1 104.6	30.82 S 118.11 E
6400.00	0.98	276.88	N 83 7 W	0.67	6397.06	120.4 104.5	30.05 S 116.54 E
6500.00	0.73	282.89	N 77 7 W	0.27	6497.05	118.9 104.5	29.81 S 115.08 E
6600.00	0.41	300.76	N 59 14 W	0.36	6597.04	117.9 104.5	29.48 S 114.15 E
6700.00	1.22	238.82	S 58 49 W	1.09	6697.03	116.8 104.8	29.85 S 112.92 E
6800.00	0.60	271.56	N 88 27 W	0.79	6797.02	115.6 105.2	30.39 S 111.49 E

A Gyrodata Directional Survey

Nance Petroleum Corporation

Well: Brutus Fee #1, 3-1/2" Drillpipe

Location: Patterson #3, Eddy County, New Mexico

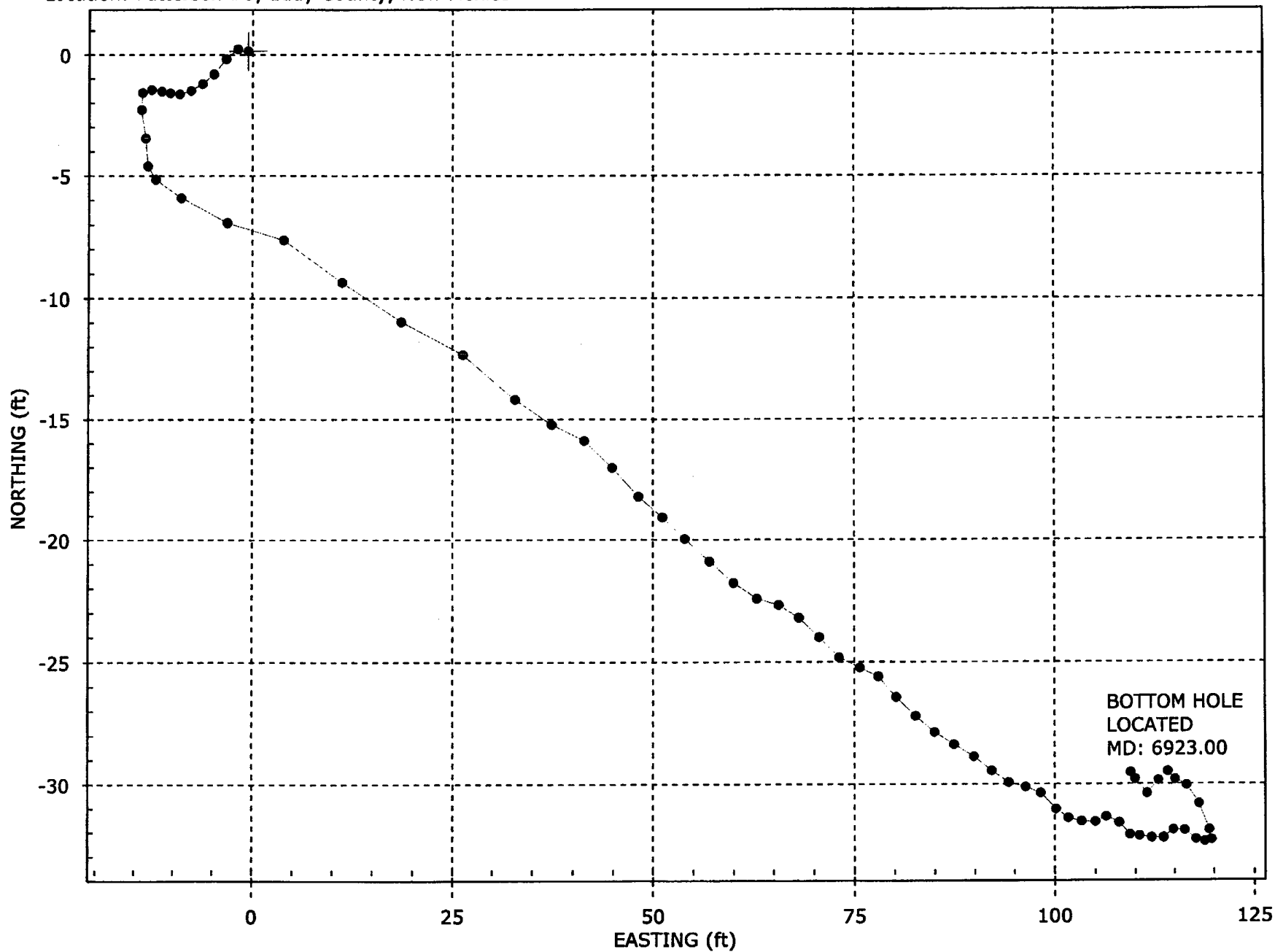
Job Number: MD0803GW251

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
6900.00	1.35	299.79	N 60 13 W	0.87	6897.01	113.9 105.2	29.79 S 109.95 E
6923.00	1.77	293.51	N 66 30 W	1.97	6920.00	113.3 105.1	29.51 S 109.39 E

Final Station Closure: Distance: 113.30 ft Az: 105.10 deg.

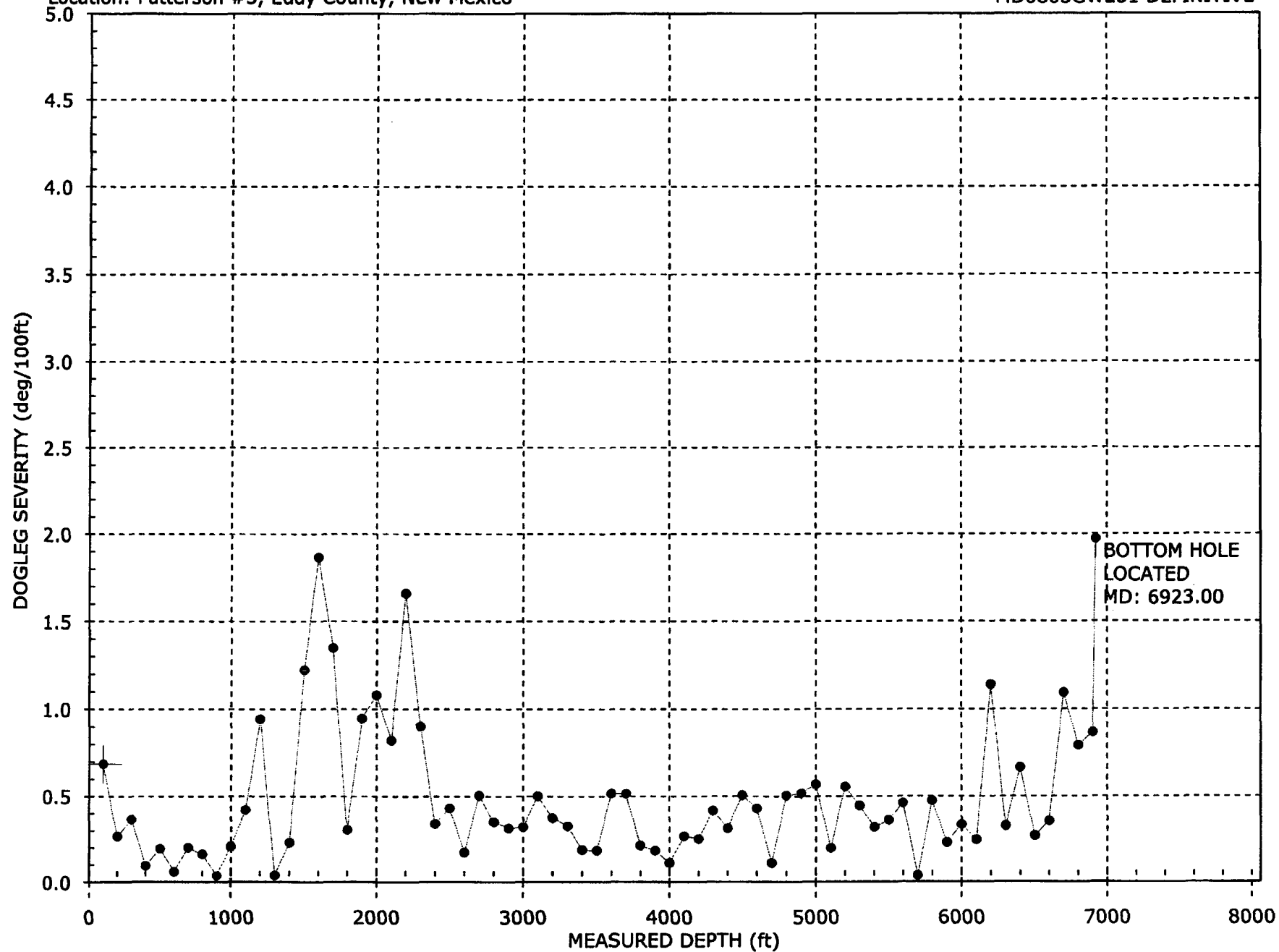
Nance Petroleum Corporation
Well: Brutus Fee #1 3-1/2" Drillpipe
Location: Patterson #3, Eddy County, New Mexico

Outrun
Gyrodata
MD0803GW251 DEFINITIVE



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