



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

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

SURVEY REPORT
STRATA PRODUCTION CO.
NASH DRAW #36
J. W. DRILLING #3
EDDY COUNTY, NEW MEXICO
MD0701GMW278

JULY 10, 2001

COPY



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July 9, 2001

Attn: Drilling Department
Strata Production Co.
P.O. Box 1030
Roswell, New Mexico 88202

Re: **Nash Draw #36**
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 cursive script that reads "Jena Tisdale".

Jena Tisdale
Operations

A Gyrodata Directional Survey

for

Strata Directional Technology

Location: J.W. DRILLING #3, EDDY COUNTY, NEW MEXICO
Well: NASH DRAW #36, 4-1/2" DRILLPIPE

Job Number: MD0701GMW278

Run Date: 7/10/01 11:59:52 AM

Surveyor: Mike Martinez Mike Shepherd

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.316280 deg. N

Azimuth Correction:

Gyro: 0.04540 deg East to Grid North

Proposed Well Direction: 296.390 deg

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

Strata Directional Technology
Well: NASH DRAW #36, 4-1/2" DRILLPIPE
Location: J.W. DRILLING #3, EDDY COUNTY, NEW MEXICO
Job Number: MD0701GMW278

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.0	0.00	0.00	0.0	0.00	0.0	0.0 0.0	0.00 N 0.00 E

0 - 3133 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" DRILLPIPE							
ALL MEASUREMENTS AND COORDINATES REFERENCED TO J.W. DRILLING #3							

100.0	1.08	356.84	0.5	1.08	100.0	0.9 356.8	0.94 N 0.05 W
200.0	0.95	331.35	1.6	0.47	200.0	2.7 349.1	2.62 N 0.50 W
300.0	0.52	340.70	2.6	0.45	300.0	3.9 344.4	3.77 N 1.05 W
400.0	1.27	350.87	3.6	0.77	400.0	5.5 345.4	5.29 N 1.37 W
500.0	0.87	318.12	4.9	0.71	499.9	7.2 343.5	6.95 N 2.06 W
600.0	0.80	359.44	6.0	0.59	599.9	8.6 342.6	8.21 N 2.57 W
700.0	0.59	294.14	6.8	0.77	699.9	9.6 341.5	9.13 N 3.05 W
800.0	0.45	19.36	7.3	0.71	799.9	10.3 340.8	9.70 N 3.38 W
900.0	0.67	308.07	8.0	0.68	899.9	11.1 340.4	10.43 N 3.72 W
1000.0	0.06	172.19	8.5	0.72	999.9	11.5 338.8	10.74 N 4.18 W
1100.0	0.63	304.67	9.0	0.67	1099.9	11.9 337.2	11.01 N 4.62 W
1200.0	0.13	274.09	9.7	0.52	1199.9	12.5 335.4	11.33 N 5.19 W
1300.0	1.05	282.23	10.7	0.92	1299.9	13.1 331.8	11.53 N 6.19 W
1400.0	0.66	243.41	11.9	0.68	1399.9	13.8 326.4	11.47 N 7.61 W
1500.0	1.47	247.49	13.1	0.81	1499.9	14.2 319.0	10.71 N 9.31 W
1600.0	0.85	217.96	14.1	0.84	1599.9	14.6 311.3	9.63 N 10.96 W
1700.0	1.37	233.63	14.8	0.59	1699.8	14.9 304.0	8.34 N 12.38 W
1800.0	0.97	191.31	15.1	0.92	1799.8	15.1 296.7	6.80 N 13.51 W
1900.0	1.34	206.38	14.9	0.47	1899.8	15.0 289.1	4.92 N 14.19 W
2000.0	2.14	186.77	14.3	0.99	1999.8	15.1 277.7	2.02 N 14.93 W

A Gyrodata Directional Survey

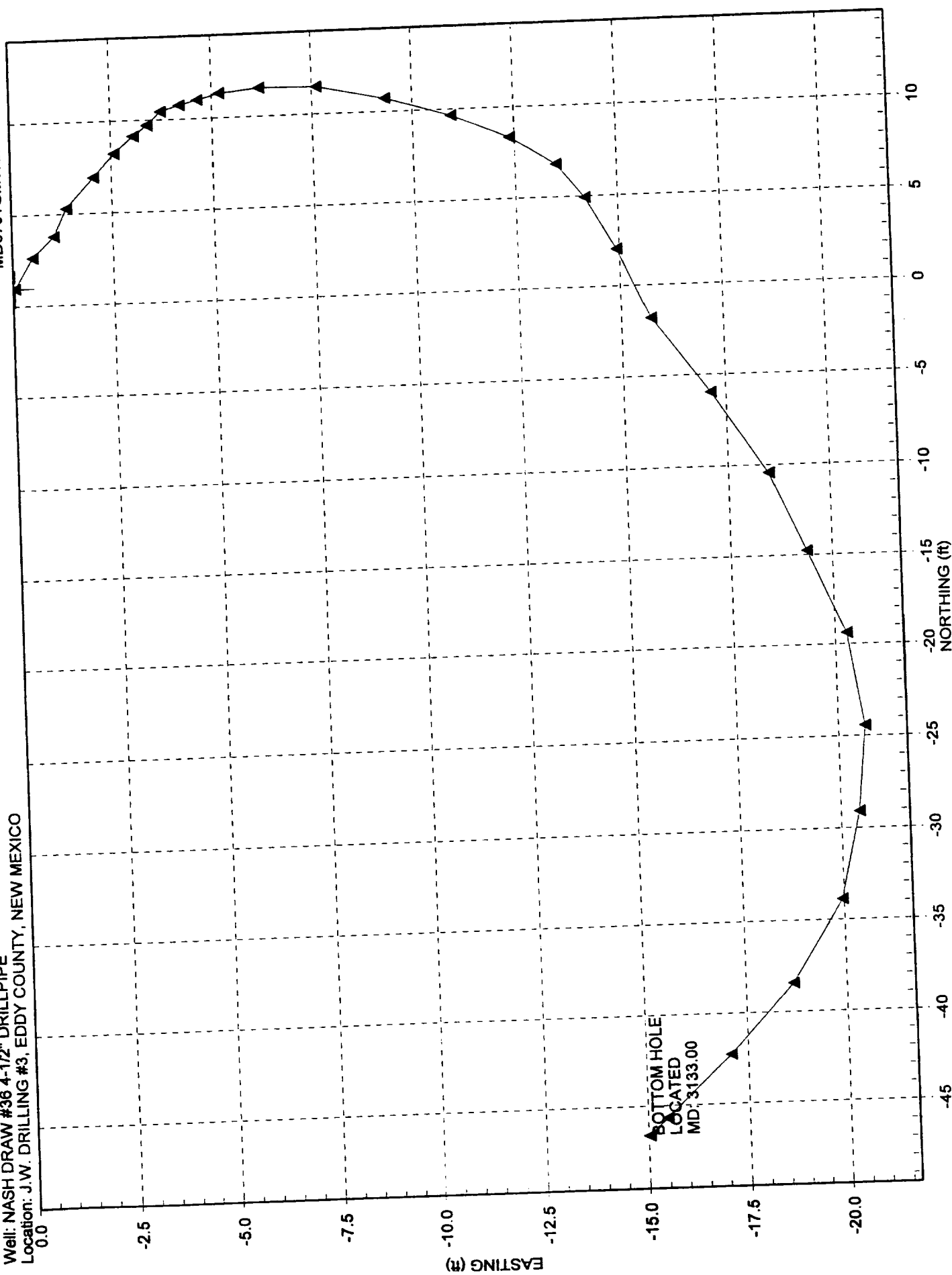
Strata Directional Technology
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Job Number: MD0701GMW278

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2100.0	2.39	195.88	13.3	0.44	2099.7	15.8 263.3	1.83 S 15.72 W
2200.0	2.64	201.41	12.7	0.35	2199.6	18.1 250.8	5.98 S 17.13 W
2300.0	2.73	192.43	11.9	0.43	2299.5	21.2 240.5	10.45 S 18.48 W
2400.0	2.33	190.35	10.8	0.41	2399.4	24.4 232.7	14.77 S 19.36 W
2500.0	3.07	192.15	9.6	0.74	2499.3	28.1 226.3	19.39 S 20.29 W
2600.0	2.82	175.65	7.6	0.88	2599.1	32.0 220.2	24.45 S 20.66 W
2700.0	2.51	179.40	5.4	0.35	2699.0	35.6 215.1	29.10 S 20.45 W
2800.0	3.02	169.58	2.8	0.69	2798.9	39.3 210.5	33.88 S 19.95 W
2900.0	2.46	157.70	-0.4	0.80	2898.8	42.7 205.9	38.46 S 18.67 W
3000.0	2.31	157.96	-3.5	0.14	2998.7	45.6 202.0	42.31 S 17.09 W
3100.0	1.98	150.08	-6.4	0.44	3098.6	48.2 198.7	45.68 S 15.47 W
3133.0	1.65	159.48	-7.3	1.35	3131.6	49.0 197.9	46.62 S 15.02 W

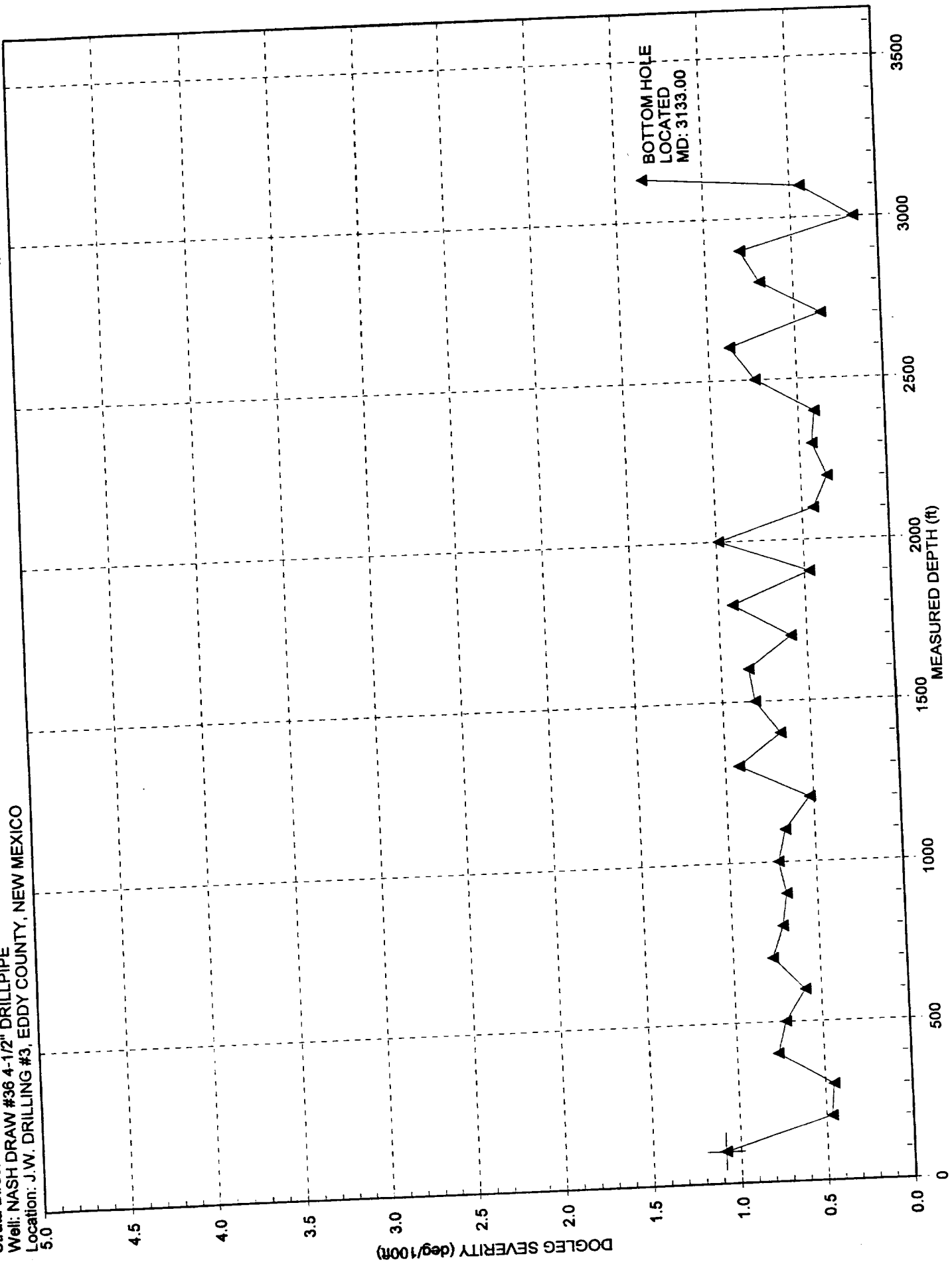
Final Station Closure: Distance: 48.98 ft Az: 197.86 deg.

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Well: NASH DRAW #36 4-1/2" DRILLPIPE
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MD0701GMW278 DEFINITIVE



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