

7-7-39W

ROSEWOOD RESOURCES INC.

Field: Sherman County, KS
 Site: Davis 34-07H
 Well: #34-07H
 Wellpath: Lateral

RECEIVED
 KANSAS CORPORATION COMMISSION

JUN 06 2007

CONSERVATION DIVISION
 WICHITA, KS

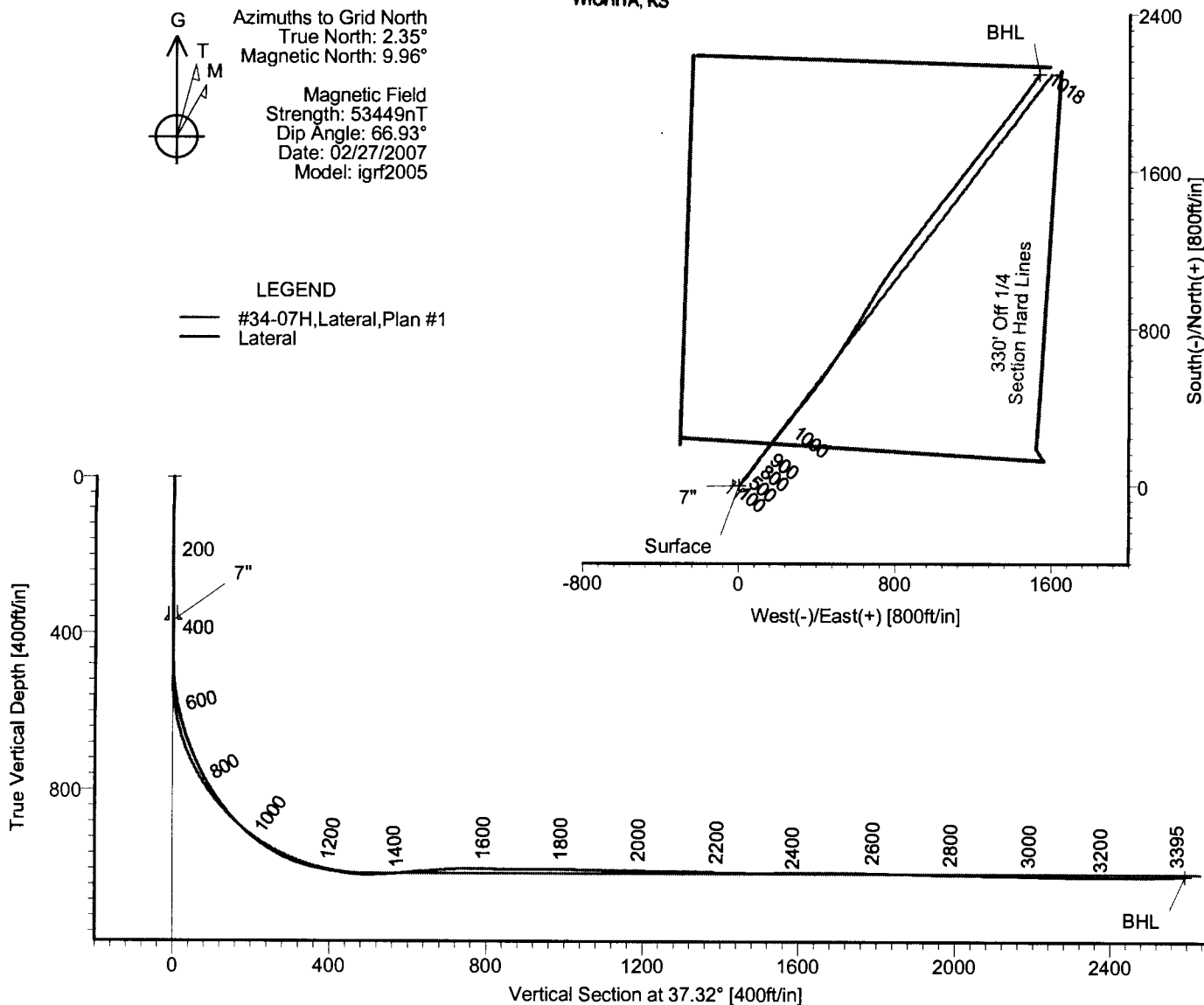


Azimuths to Grid North
 True North: 2.35°
 Magnetic North: 9.96°

Magnetic Field
 Strength: 53449nT
 Dip Angle: 66.93°
 Date: 02/27/2007
 Model: igrf2005

LEGEND

— #34-07H, Lateral, Plan #1
 — Lateral



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	429277.80	951612.84	39°27'10.679N	101°42'49.276W	Point
BHL	1018.38	2095.67	1532.14	431373.47	953144.98	39°27'31.995N	101°42'30.853W	Point

STRATA
 DIRECTIONAL TECHNOLOGY, INC.

STRATA DIRECTIONAL TECHNOLOGY, INC.
 1034 Regional Park Drive Houston, Texas 77060
 Phone: 713-934-9600 Fax: 713-934-9067

Wellpath: (#34-07H/Lateral)

Created By: Ivonne Gonzalez Date: 05/21/2007
 Checked: _____ Date: _____

Strata Directional Technology, Inc.

Survey Report

Company: ROSEWOOD RESOURCES INC.		Date: 05/21/2007	Time: 13:16:45	Page: 1
Field: Sherman County, KS		Co-ordinate(NE) Reference: Well: #34-07H, Grid North		
Site: Davis 34-07H		Vertical (TVD) Reference: 3540'GL+13KB 3553.0		
Well: #34-07H		Section (VS) Reference: Well (0.00N,0.00E,37.32Azi)		
Wellpath: Lateral		Survey Calculation Method: Minimum Curvature Db: Adapti		

Field: Sherman County, KS	
Map System: US State Plane Coordinate System 1927	Map Zone: Kansas, Northern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2005

Site: Davis 34-07H	
Site Position:	Northing: 429277.80 ft Latitude: 39 27 10.679 N
From: Map	Easting: 951612.84 ft Longitude: 101 42 49.276 W
Position Uncertainty: 0.00 ft	North Reference: Grid
Ground Level: 3540.00 ft	Grid Convergence: -2.35 deg

Well: #34-07H		Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 429277.80 ft	Latitude: 39 27 10.679 N	
+E/-W 0.00 ft	Easting: 951612.84 ft	Longitude: 101 42 49.276 W	
Position Uncertainty: 0.00 ft			

Wellpath: Lateral		Drilled From: Surface	
Current Datum: 3540'GL+13KB	Height 3553.00 ft	Tie-on Depth: 0.00 ft	
Magnetic Data: 02/27/2007		Above System Datum: Mean Sea Level	
Field Strength: 53449 nT		Declination: 7.61 deg	
Vertical Section: Depth From (TVD)	+N/-S	Mag Dip Angle: 66.93 deg	Direction
ft	ft	ft	deg
0.00	0.00	0.00	37.32

Survey Program for Definitive Wellpath			
Date: 05/21/2007	Validated: No	Version: 0	
Actual From ft	To ft	Survey	Tool Name
467.00	3345.00	Survey #1 (467.00-3345.00)	MWD
3395.00	3395.00	Survey #2 (3395.00-3395.00)	Project

Survey										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
467.00	0.30	39.40	467.00	0.94	0.78	1.22	0.06	0.06	0.00	MWD
499.00	1.80	12.70	498.99	1.50	0.94	1.76	4.81	4.69	-83.44	MWD
531.00	6.30	32.60	530.90	3.47	2.00	3.97	14.52	14.06	62.19	MWD
563.00	10.20	41.20	562.57	7.08	4.81	8.55	12.75	12.19	26.87	MWD
595.00	13.10	42.60	593.91	11.89	9.13	14.99	9.10	9.06	4.37	MWD
626.00	15.00	43.50	623.98	17.38	14.27	22.48	6.17	6.13	2.90	MWD
658.00	18.20	43.80	654.64	23.99	20.58	31.56	10.00	10.00	0.94	MWD
690.00	21.40	43.00	684.74	31.87	28.03	42.34	10.04	10.00	-2.50	MWD
722.00	23.10	38.50	714.36	41.06	35.92	54.43	7.52	5.31	-14.06	MWD
754.00	25.70	36.00	743.50	51.58	43.90	67.64	8.74	8.12	-7.81	MWD
786.00	29.10	37.10	771.91	63.41	52.68	82.36	10.74	10.62	3.44	MWD
817.00	32.70	37.40	798.50	76.08	62.31	98.28	11.62	11.61	0.97	MWD
849.00	35.70	37.00	824.97	90.40	73.19	116.26	9.40	9.37	-1.25	MWD
881.00	38.30	34.30	850.52	106.06	84.40	135.51	9.58	8.12	-8.44	MWD
913.00	42.30	34.40	874.92	123.14	96.07	156.17	12.50	12.50	0.31	MWD
945.00	46.60	36.60	897.76	141.37	109.09	178.56	14.27	13.44	6.87	MWD
977.00	51.20	37.60	918.79	160.59	123.64	202.67	14.57	14.37	3.12	MWD
1009.00	55.00	38.40	938.00	180.75	139.40	228.25	12.04	11.87	2.50	MWD
1039.00	58.70	39.20	954.41	200.32	155.14	253.36	12.53	12.33	2.67	MWD
1071.00	63.90	40.00	969.77	221.93	173.02	281.39	16.40	16.25	2.50	MWD
1103.00	69.10	38.80	982.52	244.61	191.64	310.71	16.61	16.25	-3.75	MWD

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Strata Directional Technology, Inc.

Survey Report

Company: ROSEWOOD RESOURCES INC. Field: Sherman County, KS Site: Davis 34-07H Well: #34-07H Wellpath: Lateral	Date: 05/21/2007 Co-ordinate(NE) Reference: Well: #34-07H, Grid North Vertical (TVD) Reference: 3540'GL+13KB 3553.0 Section (VS) Reference: Well (0.00N,0.00E,37.32Azi) Survey Calculation Method: Minimum Curvature Db: Adapti
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Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1135.00	74.30	37.60	992.57	268.48	210.42	341.08	16.64	16.25	-3.75	MWD
1167.00	78.00	37.10	1000.23	293.17	229.26	372.14	11.66	11.56	-1.56	MWD
1199.00	80.40	37.10	1006.22	318.24	248.22	403.57	7.50	7.50	0.00	MWD
1231.00	81.50	36.90	1011.26	343.48	267.24	435.17	3.49	3.44	-0.62	MWD
1262.00	84.90	37.20	1014.93	368.04	285.78	465.95	11.01	10.97	0.97	MWD
1294.00	90.40	38.50	1016.24	393.28	305.39	497.91	17.66	17.19	4.06	MWD
1390.00	95.70	38.20	1011.13	468.43	364.85	593.72	5.53	5.52	-0.31	MWD
1486.00	93.90	35.80	1003.10	544.82	422.42	689.37	3.12	-1.87	-2.50	MWD
1582.00	88.90	33.80	1000.75	623.60	477.17	785.22	5.61	-5.21	-2.08	MWD
1677.00	89.80	33.10	1001.83	702.86	529.53	879.99	1.20	0.95	-0.74	MWD
1773.00	89.80	31.30	1002.17	784.09	580.68	975.60	1.87	0.00	-1.87	MWD
1868.00	88.70	31.20	1003.41	865.30	629.96	1070.06	1.16	-1.16	-0.11	MWD
1964.00	89.50	30.40	1004.92	947.75	679.11	1165.43	1.18	0.83	-0.83	MWD
2059.00	89.00	32.80	1006.16	1028.65	728.88	1259.94	2.58	-0.53	2.53	MWD
2155.00	88.20	36.10	1008.51	1107.78	783.16	1355.78	3.54	-0.83	3.44	MWD
2250.00	89.30	36.60	1010.58	1184.27	839.46	1450.74	1.27	1.16	0.53	MWD
2345.00	90.60	36.50	1010.66	1260.59	896.03	1545.73	1.37	1.37	-0.11	MWD
2442.00	90.60	37.10	1009.65	1338.25	954.13	1642.72	0.62	0.00	0.62	MWD
2537.00	88.80	37.90	1010.15	1413.62	1011.96	1737.71	2.07	-1.89	0.84	MWD
2633.00	88.90	38.10	1012.07	1489.25	1071.05	1833.69	0.23	0.10	0.21	MWD
2728.00	88.50	37.90	1014.23	1564.09	1129.52	1928.65	0.47	-0.42	-0.21	MWD
2824.00	89.80	37.50	1015.65	1640.04	1188.22	2024.64	1.42	1.35	-0.42	MWD
3015.00	88.50	38.00	1018.48	1791.04	1305.14	2215.61	0.73	-0.68	0.26	MWD
3111.00	89.10	37.60	1020.50	1866.88	1363.97	2311.58	0.75	0.62	-0.42	MWD
3207.00	90.10	36.80	1021.17	1943.34	1422.00	2407.58	1.33	1.04	-0.83	MWD
3302.00	91.00	35.40	1020.25	2020.09	1477.97	2502.55	1.75	0.95	-1.47	MWD
3345.00	91.20	35.70	1019.43	2055.07	1502.97	2545.52	0.84	0.47	0.70	MWD
3395.00	91.20	35.70	1018.38	2095.67	1532.14	2595.49	0.00	0.00	0.00	PROJECTED to TD

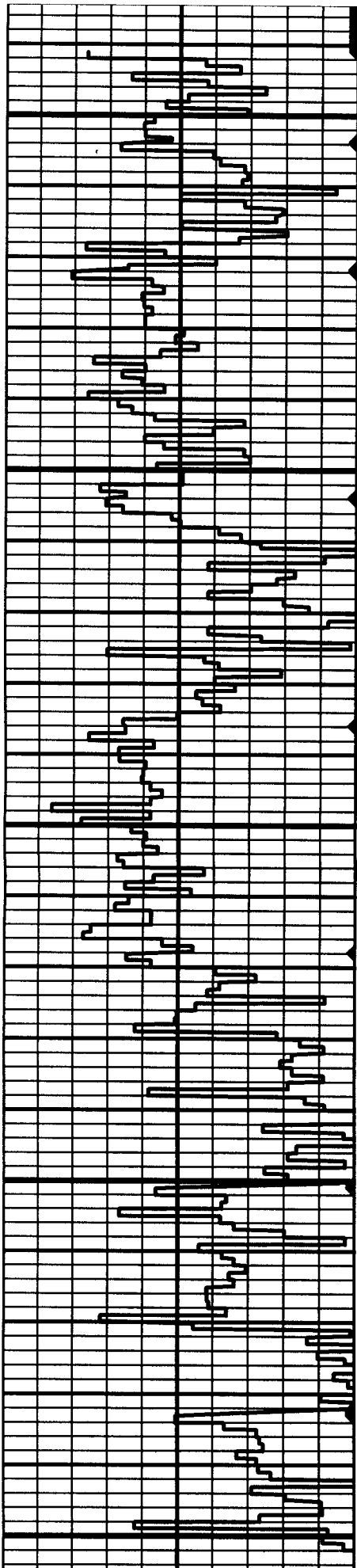
Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
Surface			0.00	0.00	0.00	429277.80	951612.84	39	27	10.679 N	101	42	49.276 W
BHL			1018.38	2095.67	1532.14	431373.47	953144.98	39	27	31.995 N	101	42	30.853 W

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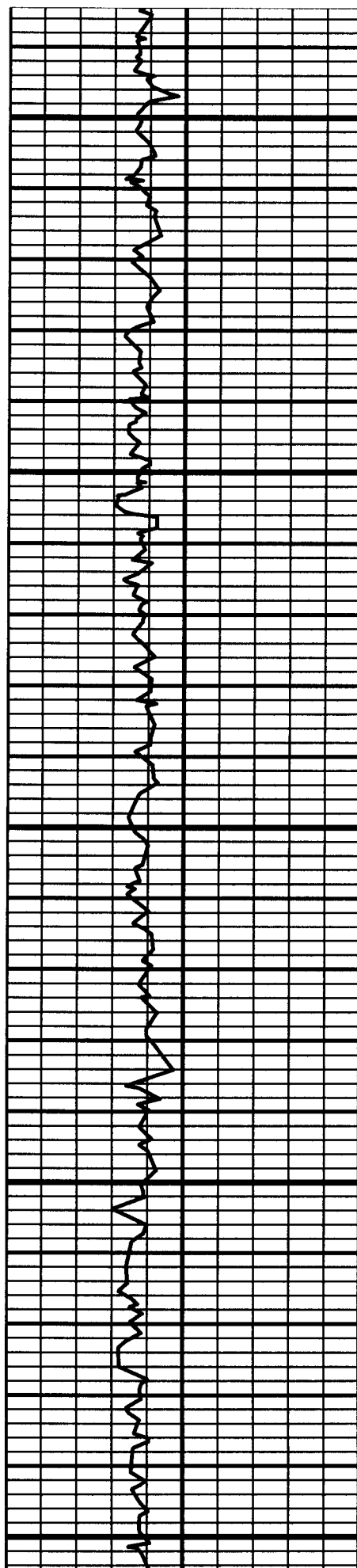
500

550

600

650

700



s: 4 MD: 499.00 ft Inc: 1.80 deg Az: 12.70 deg
TVD: 498.98 ft

s: 5 MD: 531.00 ft Inc: 6.30 deg Az: 32.60 deg
TVD: 530.90 ft

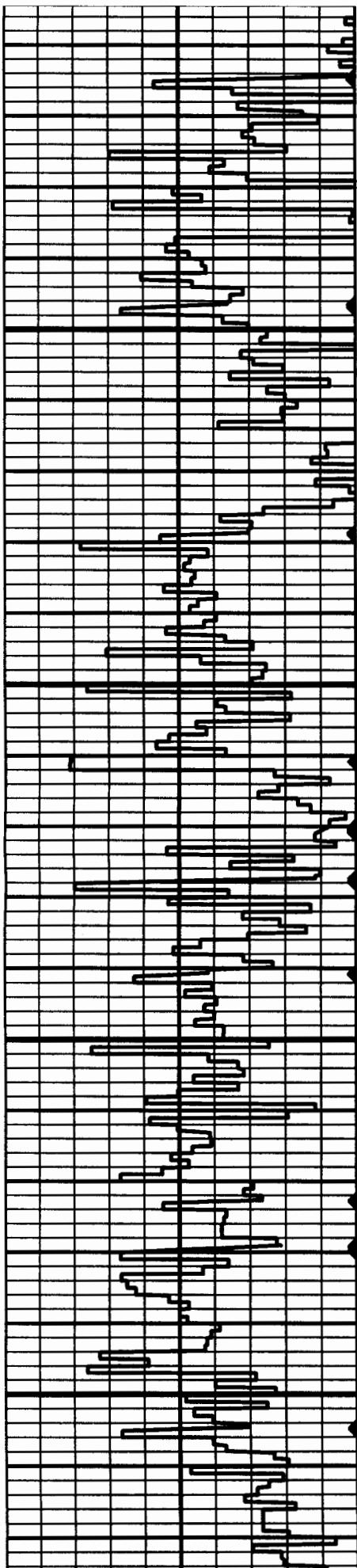
s: 6 MD: 563.00 ft Inc: 10.20 deg Az: 41.20 deg
TVD: 562.56 ft

s: 7 MD: 595.00 ft Inc: 13.10 deg Az: 42.60 deg
TVD: 593.90 ft

s: 8 MD: 626.00 ft Inc: 15.00 deg Az: 43.50 deg
TVD: 623.97 ft

s: 9 MD: 658.00 ft Inc: 18.20 deg Az: 43.80 deg
TVD: 654.63 ft

s: 10 MD: 690.00 ft Inc: 21.40 deg Az: 43.00
deg TVD: 684.73 ft

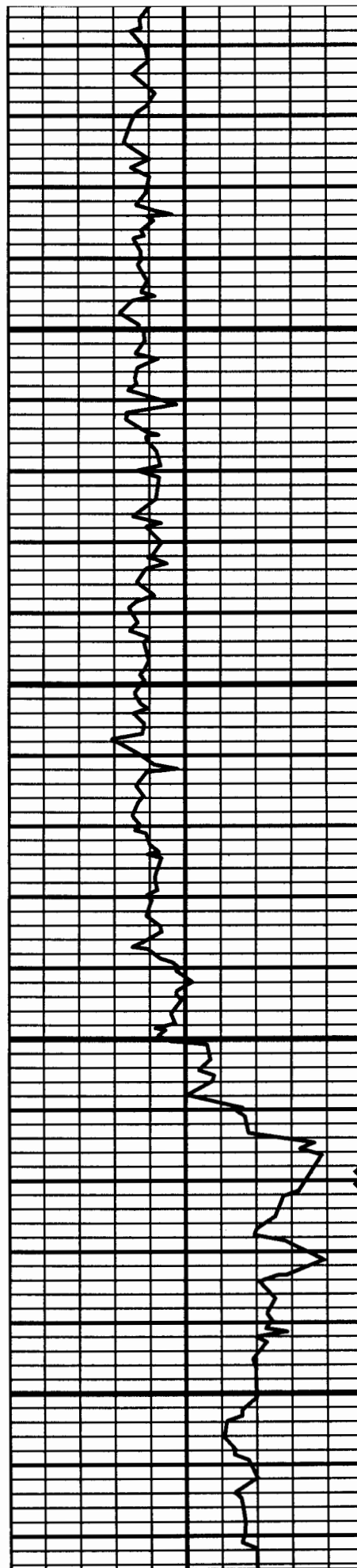


750

800

850

900



s: 11 MD: 722.00 ft Inc: 23.10 deg Az: 38.50
deg TVD: 714.35 ft

s: 12 MD: 754.00 ft Inc: 25.70 deg Az: 36.00
deg TVD: 743.49 ft

s: 13 MD: 786.00 ft Inc: 29.10 deg Az: 37.10
deg TVD: 771.90 ft

s: 14 MD: 817.00 ft Inc: 32.70 deg Az: 37.40
deg TVD: 798.49 ft

s: 15 MD: 849.00 ft Inc: 35.70 deg Az: 37.00
deg TVD: 824.96 ft

s: 16 MD: 881.00 ft Inc: 38.30 deg Az: 34.30
deg TVD: 850.51 ft

s: 17 MD: 913.00 ft Inc: 42.30 deg Az: 34.40
deg TVD: 874.91 ft

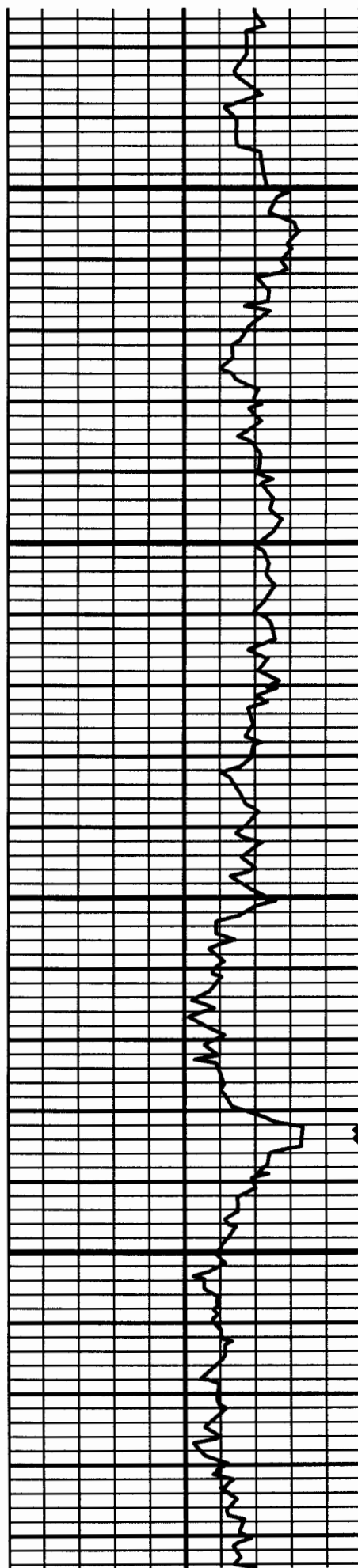


950

1000

1050

1100



s: 18 MD: 945.00 ft Inc: 46.60 deg Az: 36.60
deg TVD: 897.75 ft

s: 19 MD: 977.00 ft Inc: 51.20 deg Az: 37.60
deg TVD: 918.78 ft

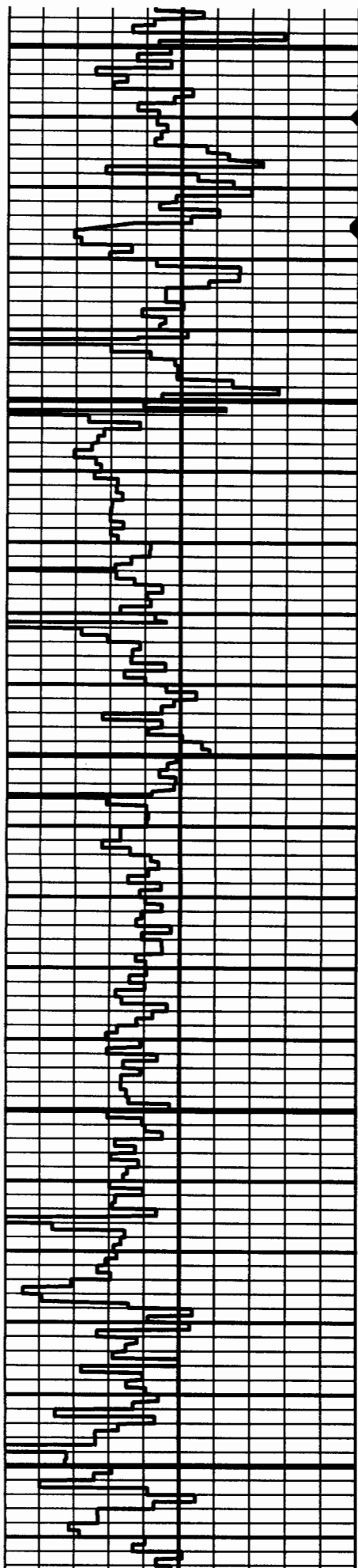
s: 20 MD: 1009.00 ft Inc: 55.00 deg Az: 38.40
deg TVD: 937.99 ft

s: 21 MD: 1039.00 ft Inc: 58.70 deg Az: 39.20
deg TVD: 954.40 ft

s: 22 MD: 1071.00 ft Inc: 63.90 deg Az: 39.90
deg TVD: 969.76 ft

s: 23 MD: 1103.00 ft Inc: 69.10 deg Az: 38.80
deg TVD: 982.51 ft

s: 24 MD: 1135.00 ft Inc: 74.30 deg Az: 37.60
deg TVD: 992.56 ft



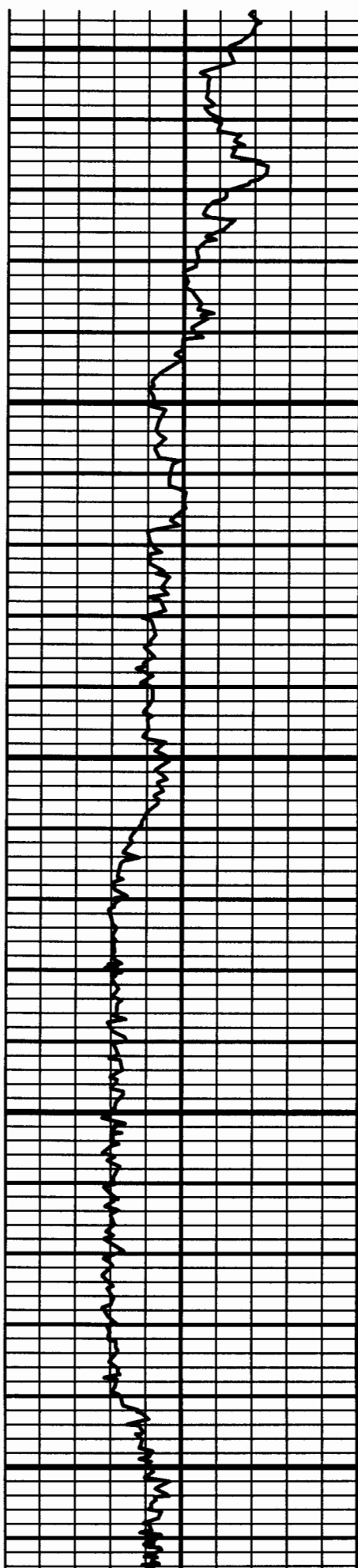
1150

1200

1250

1300

1350



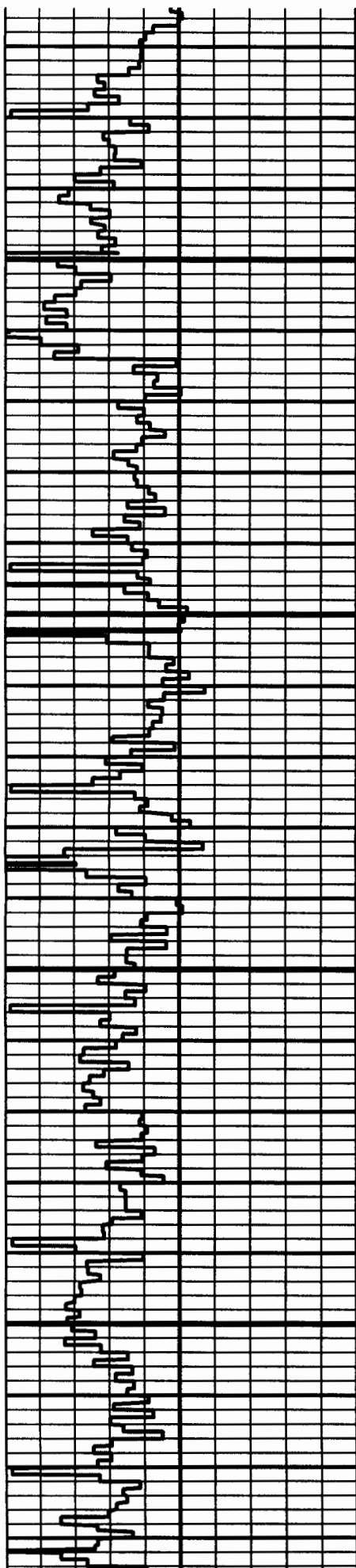
s: 25 MD: 1167.00 ft Inc: 78.00 deg Az: 37.10
deg TVD: 1000.22 ft

s: 26 MD: 1199.00 ft Inc: 80.40 deg Az: 37.10
deg TVD: 1006.22 ft

s: 27 MD: 1231.00 ft Inc: 81.50 deg Az: 36.90
deg TVD: 1011.25 ft

s: 28 MD: 1262.00 ft Inc: 84.90 deg Az: 37.20
deg TVD: 1014.92 ft

s: 29 MD: 1294.00 ft Inc: 90.40 deg Az: 38.50
deg TVD: 1016.23 ft

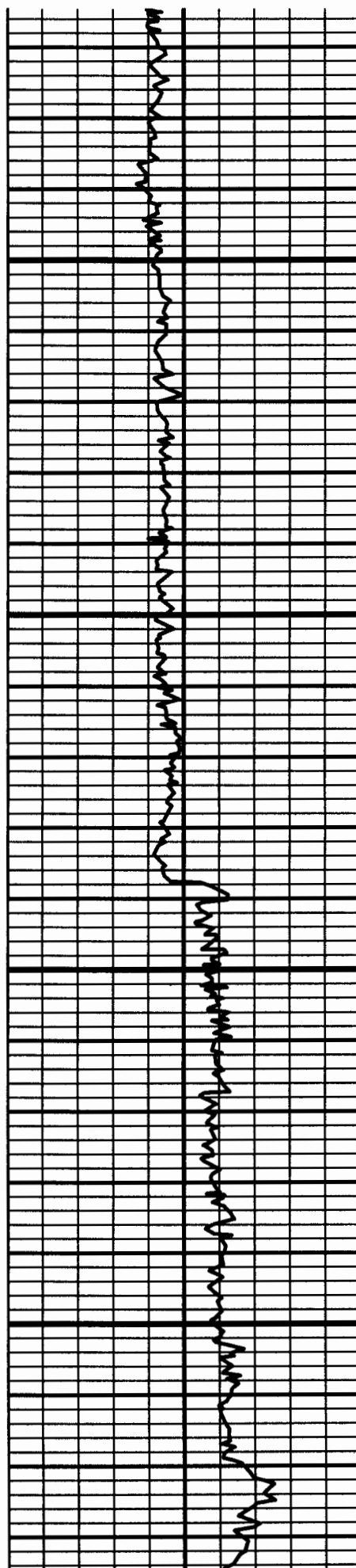


1400

1450

1500

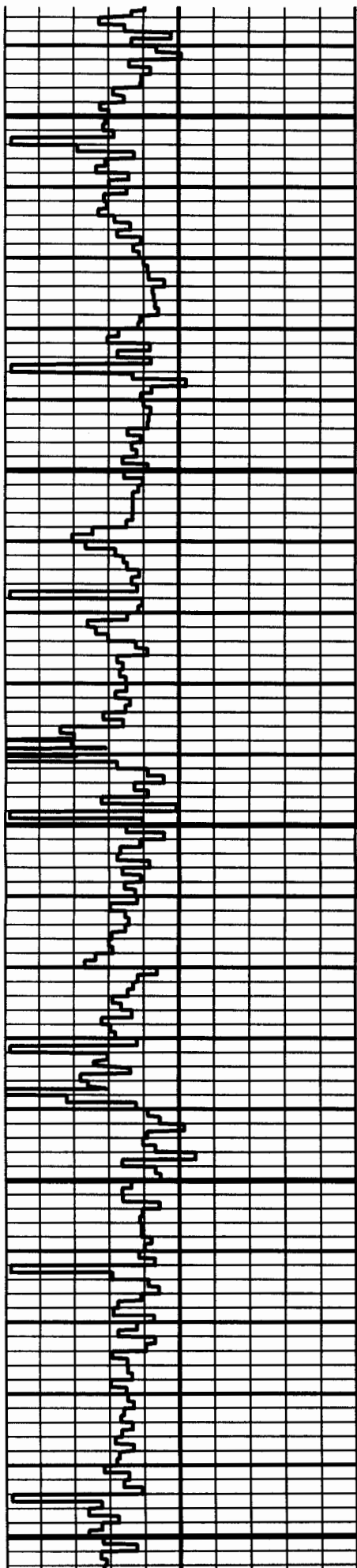
1550



s: 30 MD: 1390.00 ft Inc: 95.70 deg Az: 38.20
deg TVD: 1011.13 ft

s: 31 MD: 1486.00 ft Inc: 93.90 deg Az: 35.80
deg TVD: 1003.09 ft

s: 32 MD: 1582.00 ft Inc: 88.90 deg Az: 33.80



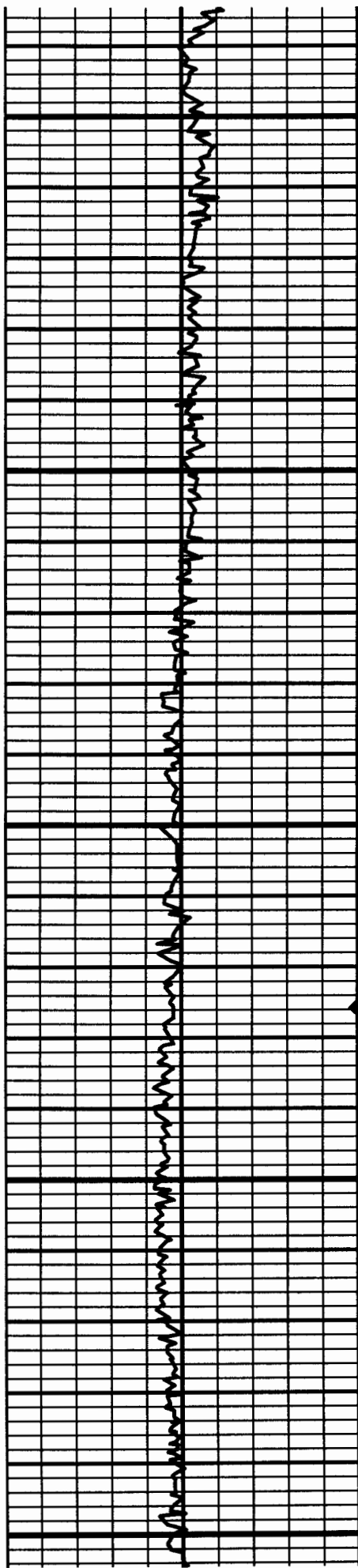
1600

1650

1700

1750

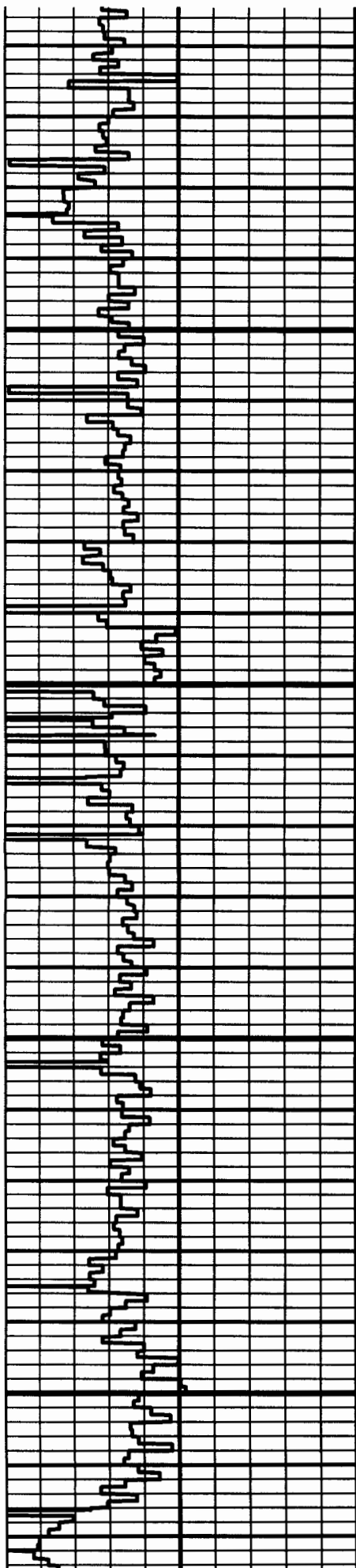
1800



deg TVD: 1000.75 ft

s: 33 MD: 1677.00 ft Inc: 89.80 deg Az: 33.10
deg TVD: 1001.82 ft

s: 34 MD: 1773.00 ft Inc: 89.80 deg Az: 31.30
deg TVD: 1002.16 ft

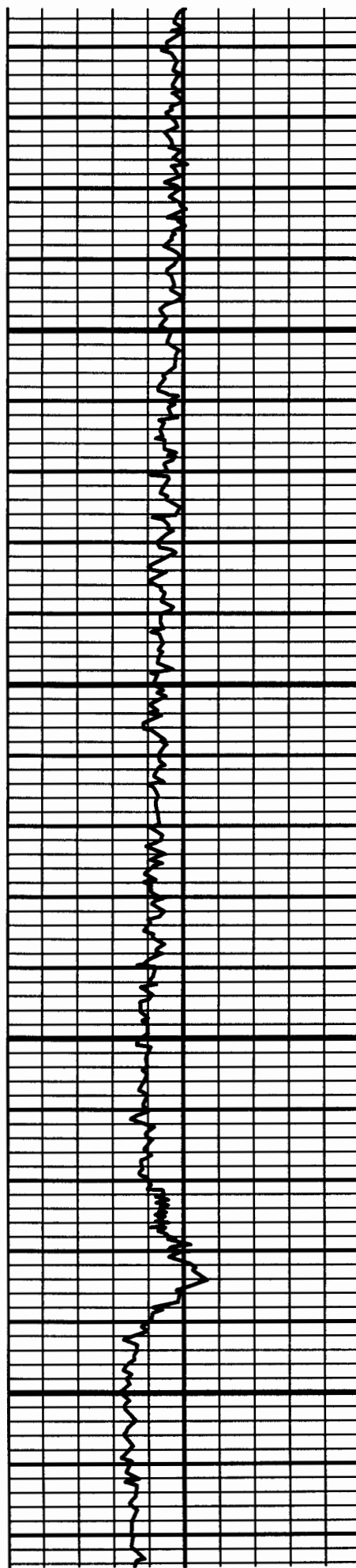


1850

1900

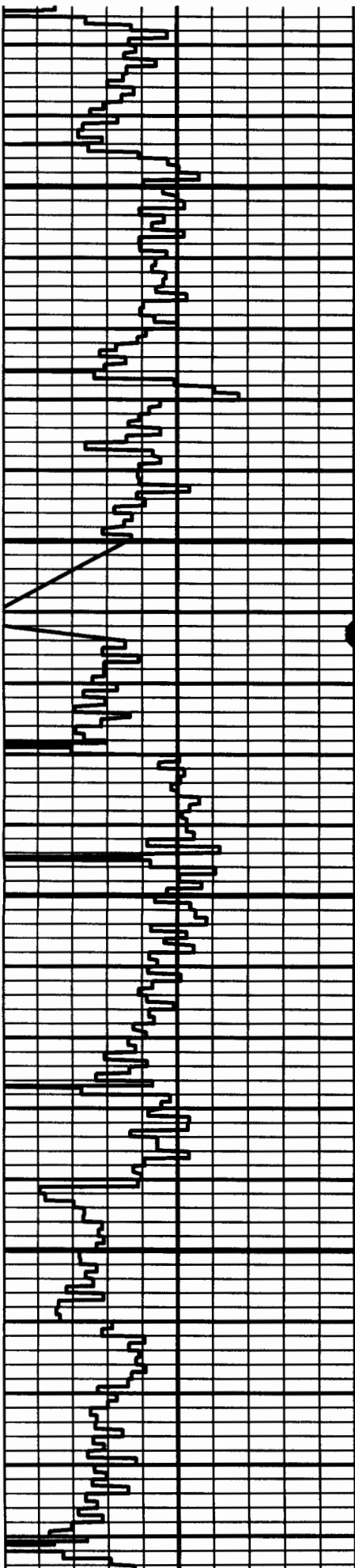
1950

2000



s: 35 MD: 1868.00 ft Inc: 88.70 deg Az: 31.20
deg TVD: 1003.41 ft

s: 36 MD: 1964.00 ft Inc: 89.50 deg Az: 30.40
deg TVD: 1004.91 ft

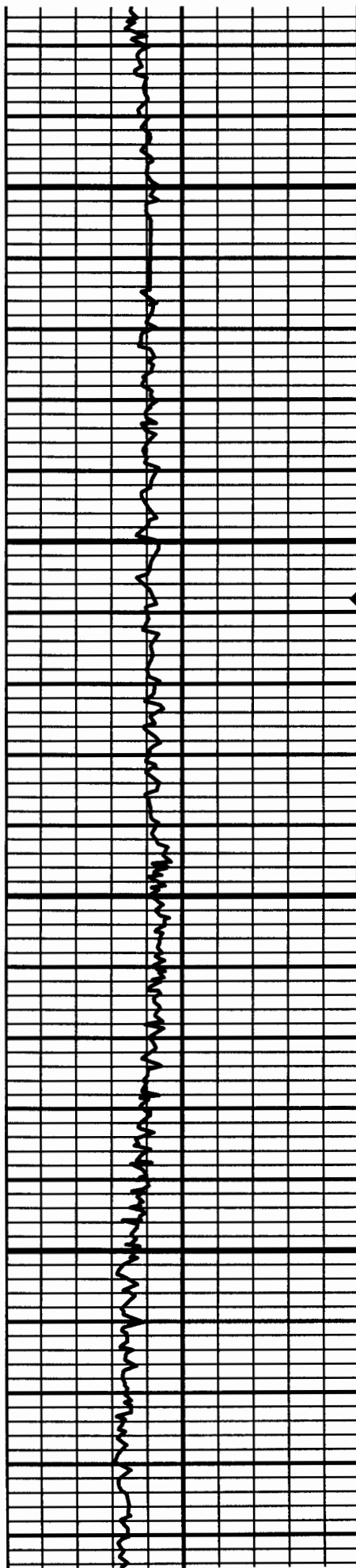


2050

2100

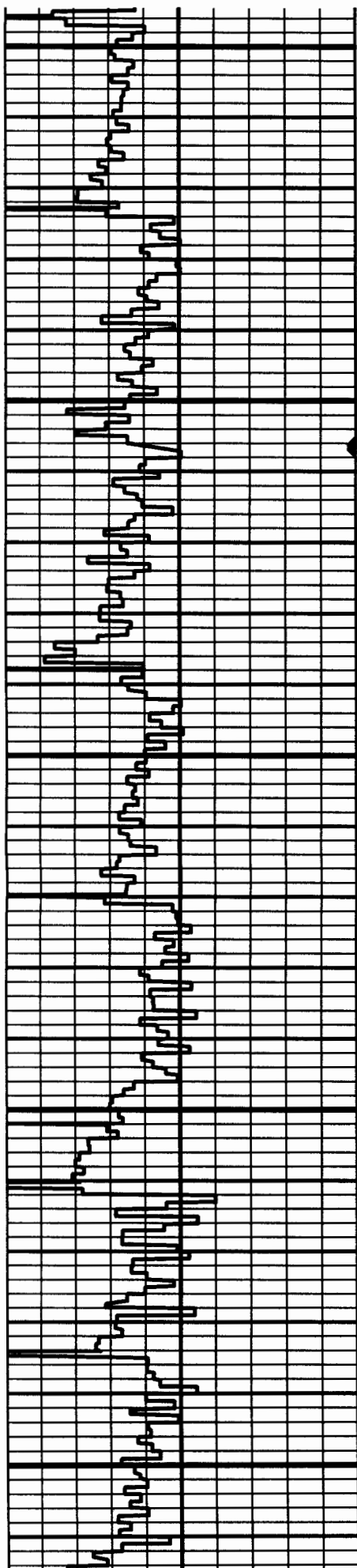
2150

2200



s: 37 MD: 2059.00 ft Inc: 89.00 deg Az: 32.80
deg TVD: 1006.16 ft

s: 38 MD: 2155.00 ft Inc: 88.20 deg Az: 36.10
deg TVD: 1008.50 ft



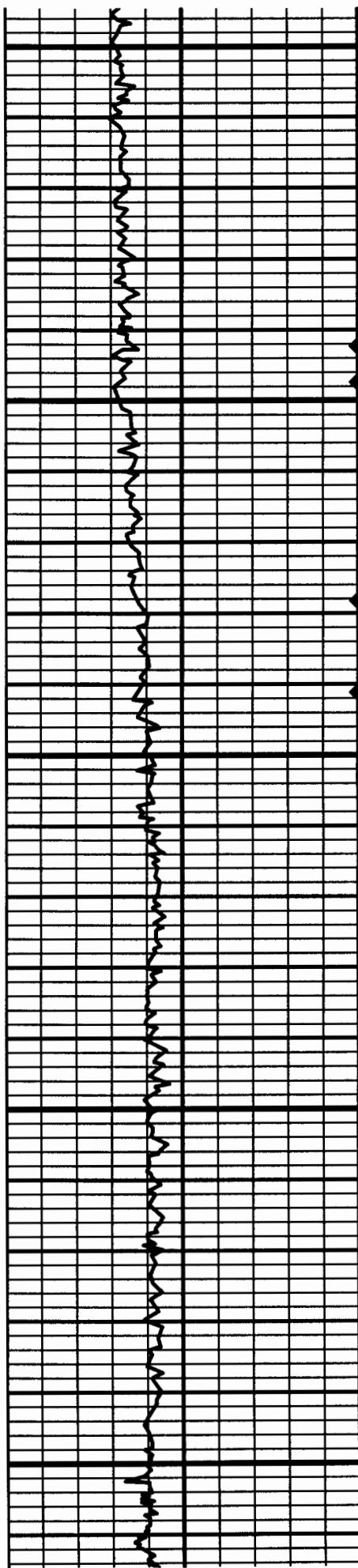
2250

2300

2350

2400

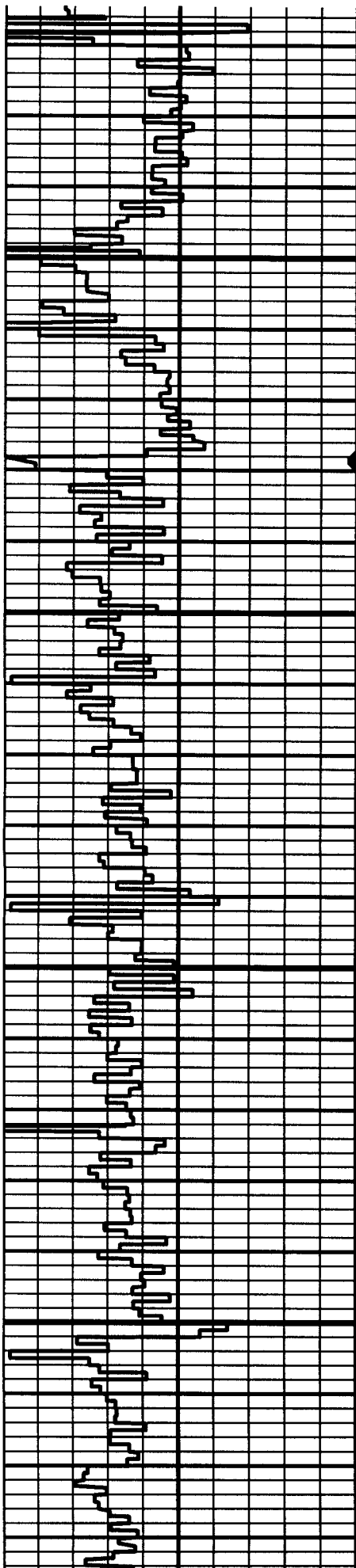
2450



s: 39 MD: 2250.00 ft Inc: 89.30 deg Az: 36.60
deg TVD: 1010.58 ft

s: 40 MD: 2346.00 ft Inc: 90.60 deg Az: 36.50
deg TVD: 1010.66 ft

s: 41 MD: 2442.00 ft Inc: 90.60 deg Az: 37.10
deg TVD: 1009.65 ft

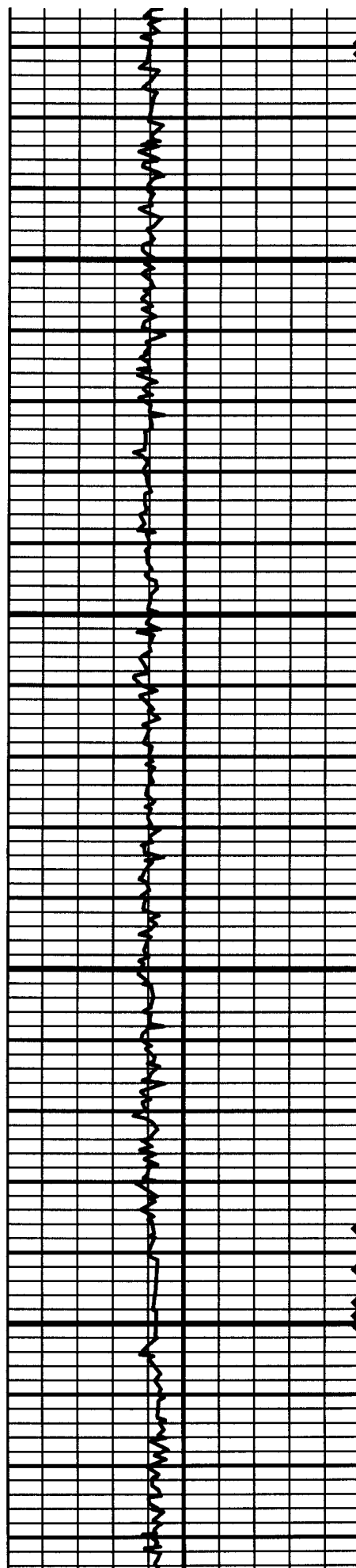


2500

2550

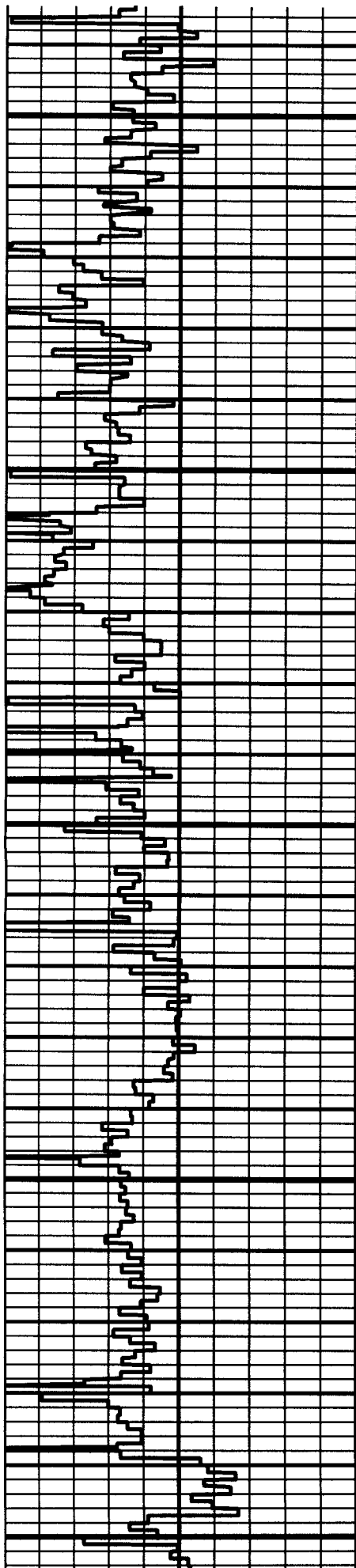
2600

2650



s: 42 MD: 2537.00 ft Inc: 88.80 deg Az: 37.90
deg TVD: 1010.15 ft

s: 43 MD: 2633.00 ft Inc: 88.90 deg Az: 38.10
deg TVD: 1012.08 ft



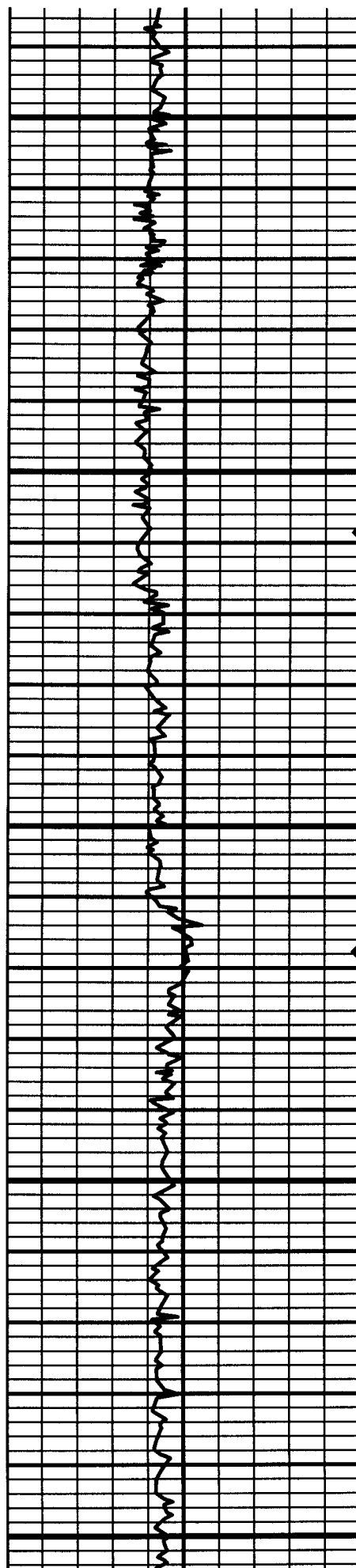
2700

2750

2800

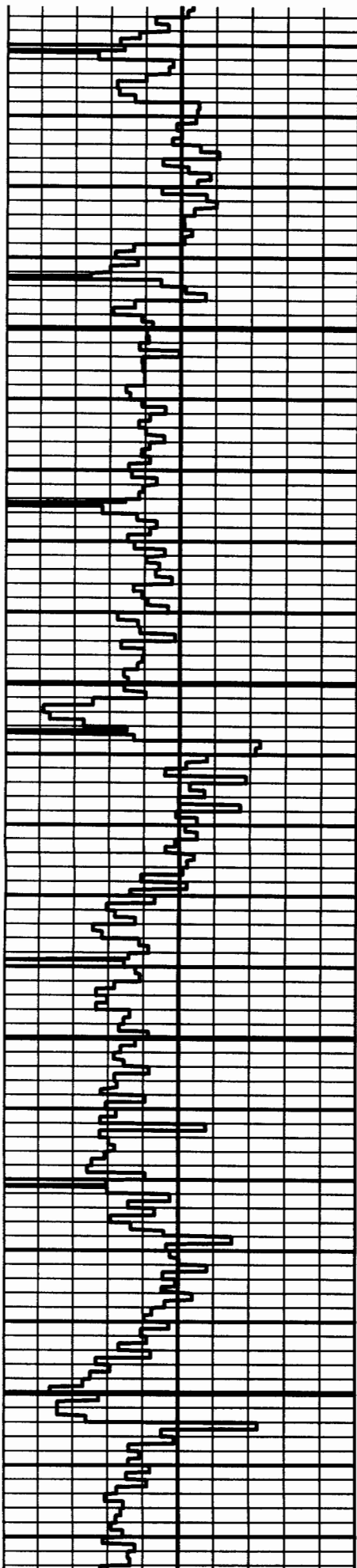
2850

2900



s: 44 MD: 2728.00 ft Inc: 88.50 deg Az: 37.90
deg TVD: 1014.23 ft

s: 45 MD: 2824.00 ft Inc: 89.80 deg Az: 37.50
deg TVD: 1015.66 ft

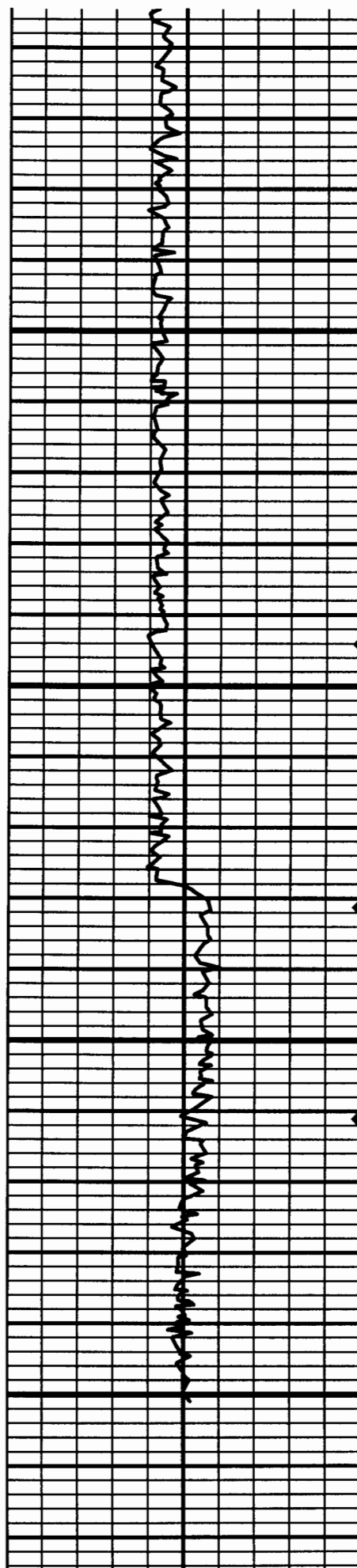


2950

3000

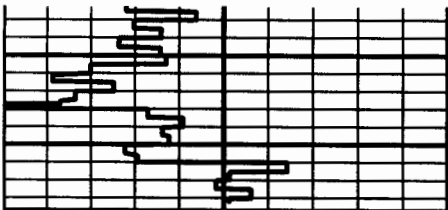
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3100



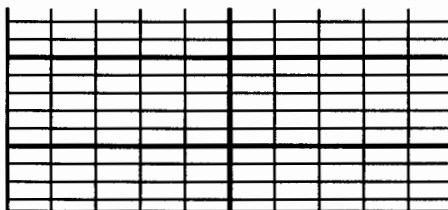
s: 46 MD: 2920.00 ft Inc: 88.60 deg Az: 38.20
deg TVD: 1017.00 ft

s: 47 MD: 3015.00 ft Inc: 88.50 deg Az: 38.00
deg TVD: 1019.40 ft



WITS 0113 - Rate of Penetration (avg) (MWD) (...)
[0.00] [300.00]

MD
1:240 (ft)



Gamma Counts (MWD) (api)
[0.00] [200.00]



Scientific Drilling

5" = 100'

FEET MD