

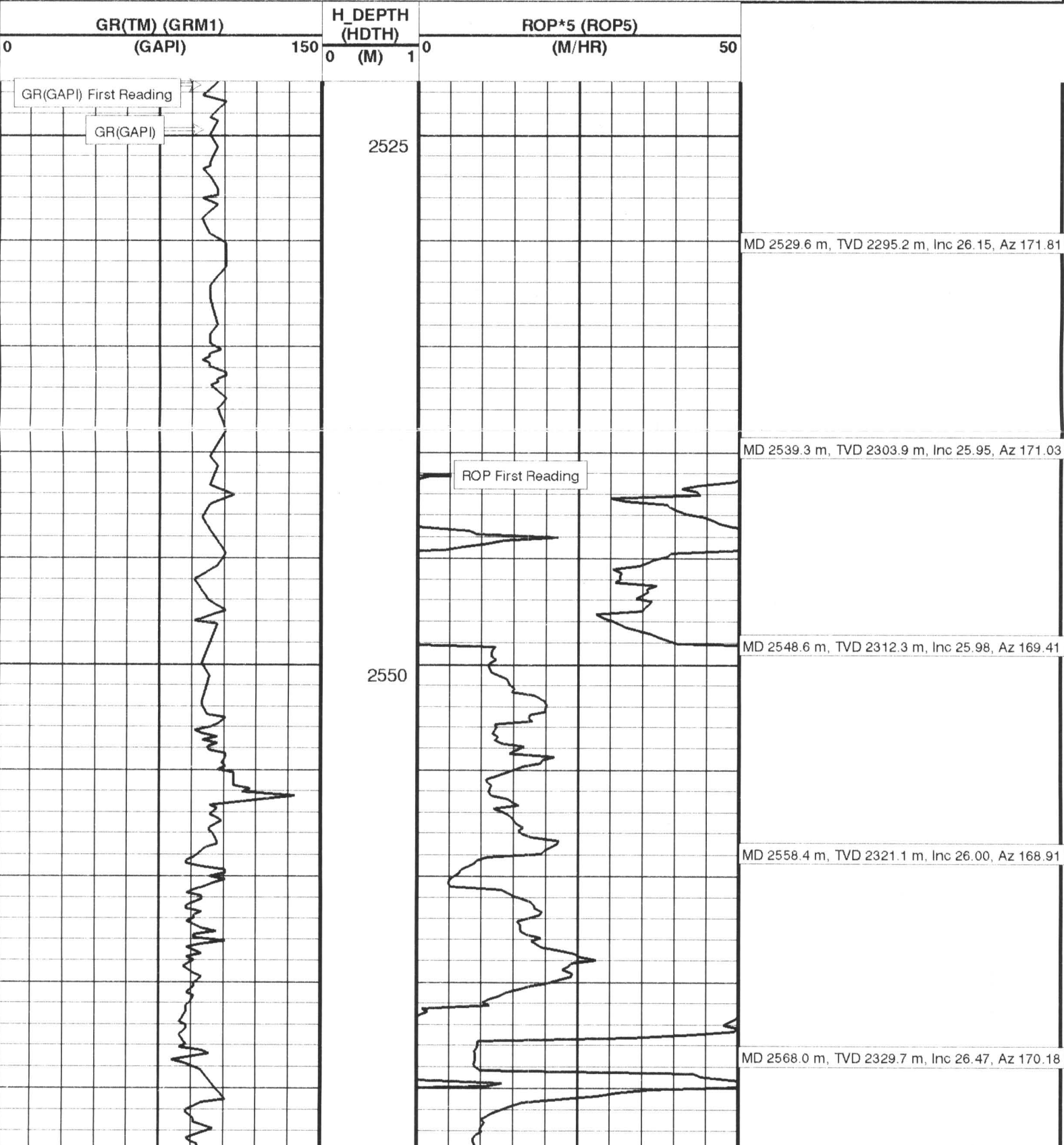
Rig: Akita 48E **Province:** Northwest Territories

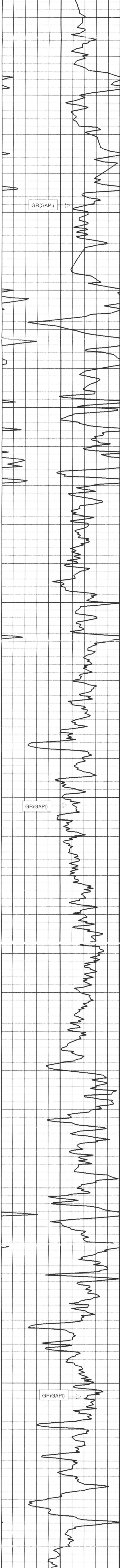
[illegible]

EQUIPMENT DESCRIPTION		RUN4	RUN	RUN
DOWNHOLE EQUIPMENT				
SlimPulse	21.06			
OD 119.89				
GR	17.51			
D&I	16.59			
UBHO	11.72			
OD 119.89				
PMDC	10.83			
OD 115.06				
PDM	8.02			
OD 120.90				
BIT-PDC	0.20			
OD 155.58				
Maximum string diameter 155.58				
All lengths in Meters				

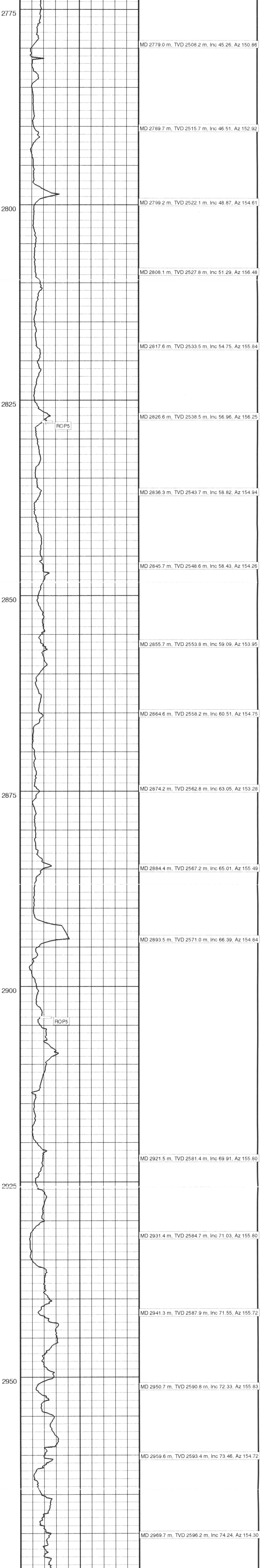
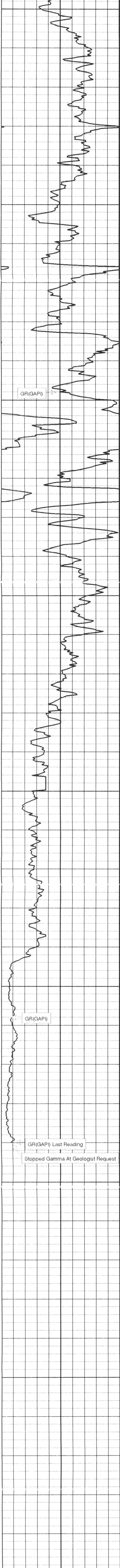
Run number		1	2	3	4						
Bit size	mm	222.25	222.25	222.25	155.58						
Bit start depth	m	2640.50	2731.30	2779.58	2912.00						
Bit end depth	m	2731.30	2779.58	2912.00	3700.00						
Top interval logged	m	2522.52	2712.99	2761.27	2893.62						
Bottom interval logged	m	2712.99	2761.27	2893.62	2920.00						
Begin log: time		12:08	03:31	15:34	20:23						
Begin log: date		04-Feb-04	06-Feb-04	07-Feb-04	14-Feb-04						
End log: time		13:22	11:50	21:05	03:58						
End log: date		05-Feb-04	06-Feb-04	08-Feb-04	15-Feb-04						
Mud data											
Depth	m	2700.00	2778.00	2903.00	2916.00						
Type		Invert	Invert	Invert	H2O						
Mud weight	kg/m3	1080.00	1075.00	1065.00	1020.00						
Solids	%	0.10	0.10	0.10	0.01						
Chlorides											
Rm											
Rmf											
Rmc											
Potassium											
Environmental data											
GR											
Mud weight	kg/m3	1080.00	1075.00	1065.00	1020.00						
Bit size	mm	222.25	222.25	222.25	155.58						
Resistivity											
Neutron porosity											
Hole Size											
Mud weight											
Temperature											
Mud salinity											
Formation salinity											
Recording rate 1	SEC	18.00	18.00	18.00	18.00						
Recording rate 2	SEC	37.00	37.00	37.00	37.00						
Filtering GR	3 pt	3 pt	3 pt	3 pt	3 pt						
Filtering density											
Filtering Neutron											
Company representative		M. Bryson	M. Bryson	M. Bryson	A. Curtis						
Anadrill personnel		P. Hardwick	P. Hardwick	P. Hardwick	P. Hardwick						

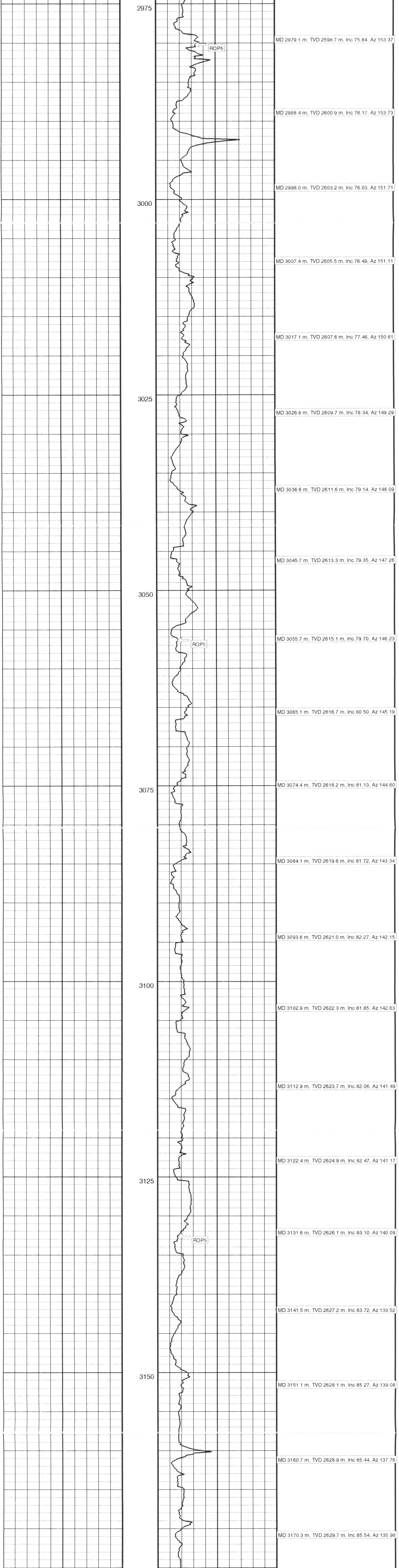
IDEAL Version: ID8_1C_01 <MD> Vertical Scale: 1:240 Graphics File Created: 21-Feb-2004 14:51

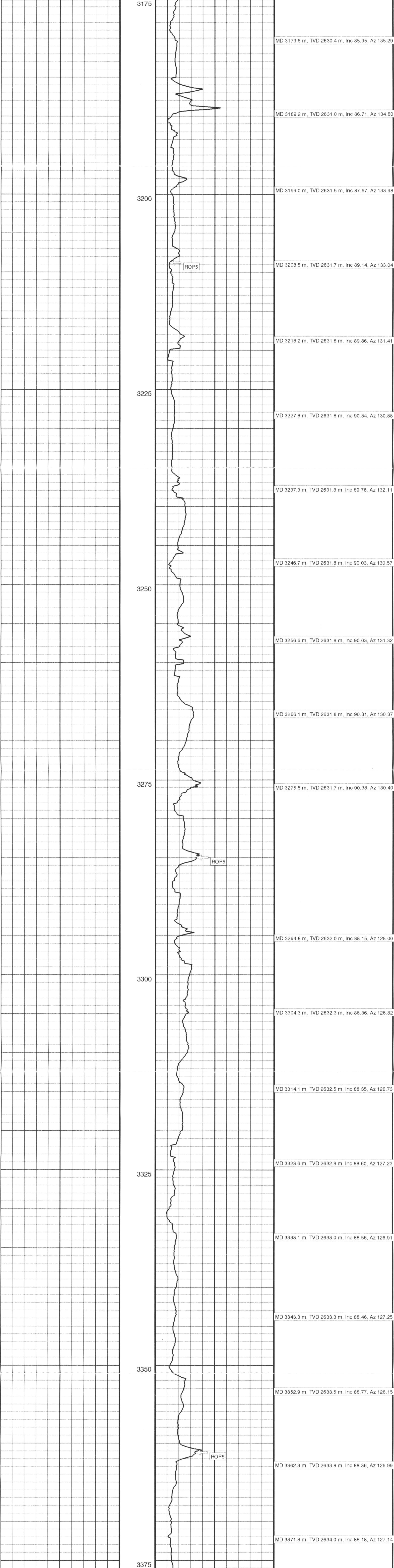


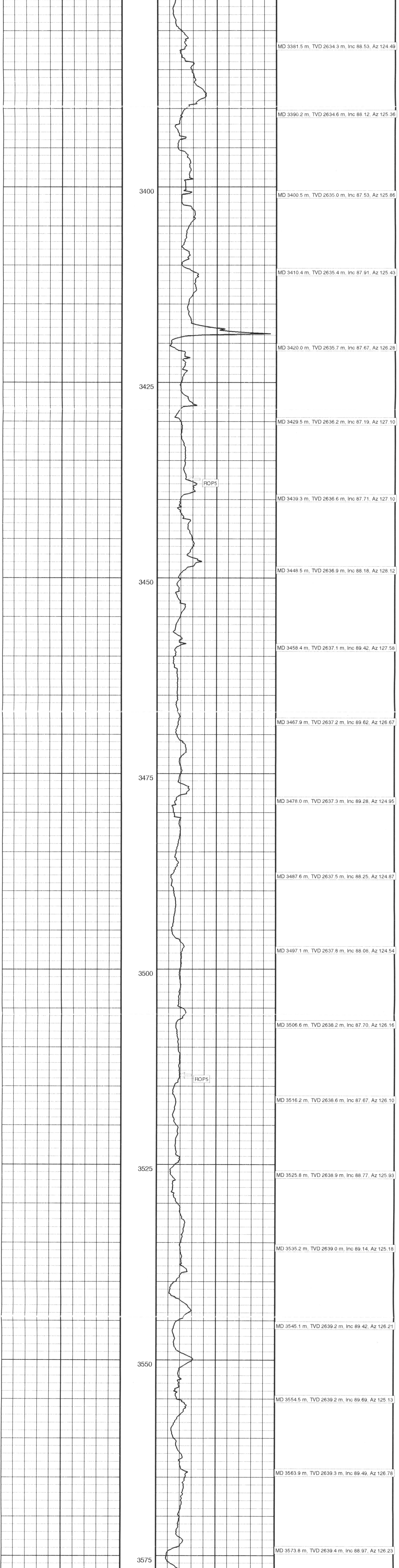


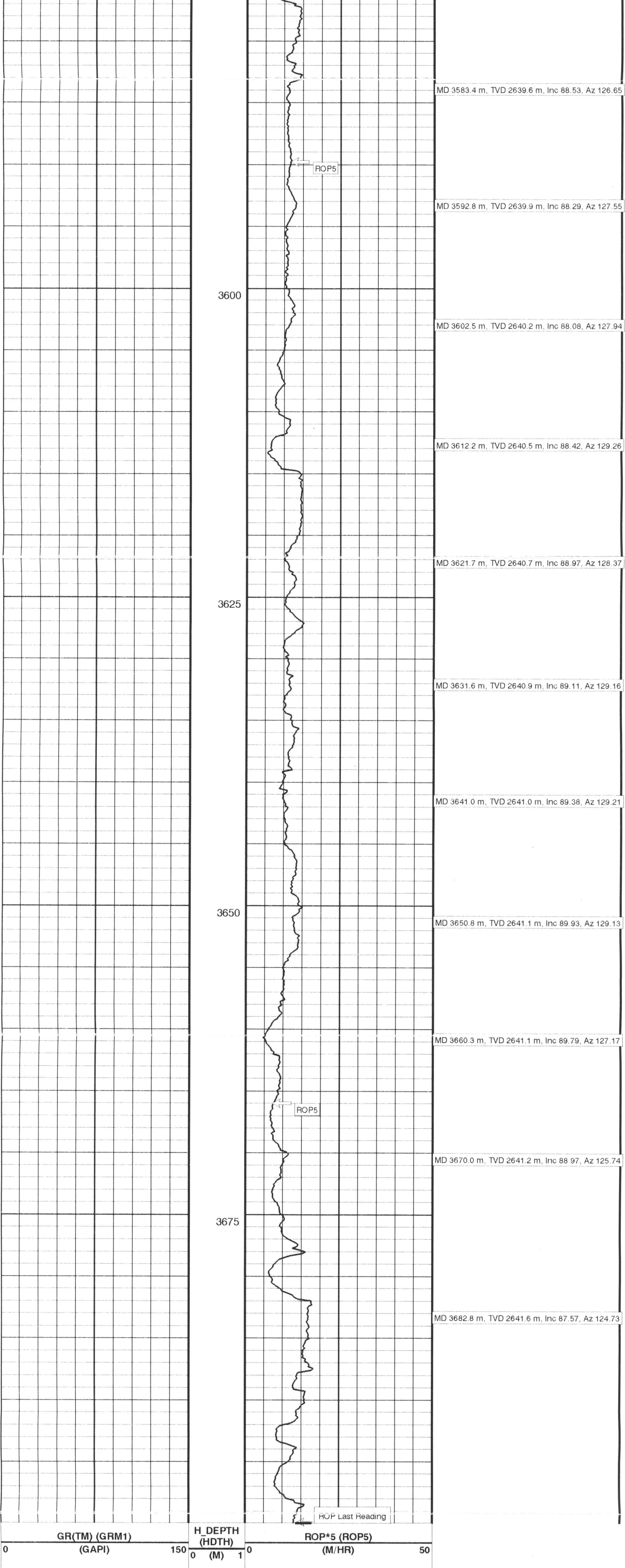
2575	MD 2577.5 m, TVD 2338.2 m, Inc 27.08, Az 171.03
	MD 2587.0 m, TVD 2346.6 m, Inc 28.23, Az 171.21
	MD 2596.6 m, TVD 2355.0 m, Inc 29.00, Az 170.86
2600	MD 2606.0 m, TVD 2363.2 m, Inc 29.85, Az 169.56
	MD 2615.7 m, TVD 2371.6 m, Inc 28.98, Az 168.09
	MD 2626.8 m, TVD 2381.4 m, Inc 28.35, Az 165.26
2625	MD 2636.2 m, TVD 2389.6 m, Inc 28.70, Az 162.91
	MD 2645.7 m, TVD 2397.9 m, Inc 30.67, Az 160.18
2650	MD 2655.4 m, TVD 2406.2 m, Inc 31.20, Az 157.63
	MD 2664.6 m, TVD 2414.1 m, Inc 31.50, Az 155.88
	MD 2674.5 m, TVD 2422.6 m, Inc 30.40, Az 157.38
2675	MD 2683.6 m, TVD 2430.4 m, Inc 29.73, Az 154.16
	MD 2692.7 m, TVD 2438.4 m, Inc 29.35, Az 152.93
	MD 2702.7 m, TVD 2447.1 m, Inc 29.95, Az 150.08
2700	MD 2711.7 m, TVD 2454.8 m, Inc 30.30, Az 149.18
	MD 2721.9 m, TVD 2463.6 m, Inc 31.73, Az 146.44
2725	MD 2731.7 m, TVD 2471.6 m, Inc 33.85, Az 146.96
	MD 2740.9 m, TVD 2479.4 m, Inc 35.88, Az 146.31
2750	MD 2750.9 m, TVD 2487.4 m, Inc 38.02, Az 147.68
	MD 2759.9 m, TVD 2494.3 m, Inc 40.90, Az 147.79
	MD 2770.0 m, TVD 2501.8 m, Inc 43.57, Az 149.83











SCHLUMBERGER

Survey report

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Client..... Chevron Canada Resources
Field..... Liard

Well..... Chevron et al Liard
Lease number..... SDL99
Engineer..... Paul Hardwick
Rig Label..... Akita 48E
Province..... Northwest Territories

Spud date..... 01/12/2004
Last survey date..... 21-Feb-04
Total accepted surveys.... 355
MD of first survey..... 0.00 m
MD of last survey..... 3682.80 m

----- Survey calculation methods-----
Method for positions..... Minimum curvature
Method for DLS..... Mason & Taylor

----- Depth reference -----
Permanent datum..... Mean Sea Level
Depth reference..... Driller's Pipe Tally
GL above permanent..... 409.90 m
KB above permanent..... 417.30 m
DF above permanent..... 417.30 m

----- Vertical section origin-----
Latitude (+N/S-)..... 0.00 m
Departure (+E/W-)..... 0.00 m

----- Platform reference point-----
Latitude (+N/S-).....
Departure (+E/W-).....

Azimuth from rotary table to target: 155.94 degrees

----- Geomagnetic data -----
Magnetic model..... BGM version 2002
Magnetic date..... 31-Dec-2003
Magnetic field strength... 1174.62 HCNT
Magnetic dec (+E/W-)..... 24.61 degrees
Magnetic dip..... 78.53 degrees

----- MWD survey Reference Criteria -----
Reference G..... 1002.00 mGal
Reference H..... 1174.62 HCNT
Reference Dip..... 78.53 degrees
Tolerance of G..... (+/-) 2.50 mGal
Tolerance of H..... (+/-) 6.00 HCNT
Tolerance of Dip..... (+/-) 0.45 degrees

----- Corrections -----
Magnetic dec (+E/W-)..... 24.61 degrees
Grid convergence (+E/W-)... 0.00 degrees
Total az corr (+E/W-)..... 24.61 degrees
(Total az corr = magnetic dec - grid conv)
Survey Correction Type
I=Sag Corrected Inclination
M=Schlumberger Magnetic Correction
S=Shell Magnetic Correction
F=Failed Axis Correction
R=Magnetic Resonance Tool Correction
D=Dmag Magnetic Correction

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Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/S- (m)	Displ +E/W- (m)	Total displ (m)	At Azim (deg)	DLS (deg/100f)	Srvy tool type	Tool Corr (deg)
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIP	None
2	75.20	0.54	227.19	75.20	75.20	0.11	-0.24	-0.26	0.35	227.19	0.22	MWD_M	None
3	103.90	0.64	208.43	28.70	103.90	0.25	-0.47	-0.44	0.64	222.59	0.23	MWD_M	None
4	132.60	0.66	188.11	28.70	132.60	0.49	-0.78	-0.54	0.94	214.51	0.24	MWD_M	None
5	156.30	1.69	251.65	23.70	156.29	0.57	-1.02	-0.89	1.35	220.89	1.95	MWD_M	None
6	184.30	1.98	248.60	28.00	184.28	0.51	-1.33	-1.73	2.18	232.42	0.33	MWD_M	None
7	211.50	2.52	250.54	27.20	211.46	0.44	-1.70	-2.73	3.22	238.08	0.61	MWD_M	None
8	223.00	2.49	257.04	11.50	222.94	0.37	-1.84	-3.21	3.70	240.18	0.76	MWD_M	None
9	232.40	2.39	253.16	9.40	232.34	0.31	-1.94	-3.60	4.09	241.63	0.63	MWD_M	None
10	241.80	2.11	246.27	9.40	241.73	0.28	-2.07	-3.94	4.45	242.31	1.26	MWD_M	None
11	250.90	1.64	242.67	9.10	250.82	0.29	-2.20	-4.21	4.75	242.46	1.62	MWD_M	None
12	260.10	1.08	211.37	9.20	260.02	0.35	-2.33	-4.38	4.96	241.95	3.02	MWD_M	None
13	269.20	1.62	169.13	9.10	269.12	0.52	-2.53	-4.40	5.07	240.07	3.67	MWD_M	None
14	278.10	2.18	151.45	8.90	278.01	0.81	-2.80	-4.29	5.13	236.84	2.75	MWD_M	None
15	287.30	2.97	138.74	9.20	287.20	1.21	-3.14	-4.05	5.12	232.25	3.21	MWD_M	None
16	306.00	3.58	135.68	18.70	305.87	2.22	-3.92	-3.32	5.14	220.30	1.03	MWD_M	None
17	315.80	4.23	138.28	9.80	315.65	2.85	-4.41	-2.87	5.26	213.06	2.46	MWD_M	None
18	325.20	4.70	135.25	9.40	325.02	3.55	-4.94	-2.37	5.48	205.60	1.70	MWD_M	None
19	334.80	5.04	139.26	9.60	334.59	4.32	-5.54	-1.81	5.83	198.14	1.53	MWD_M	None
20	344.50	5.78	142.92	9.70	344.25	5.20	-6.25	-1.24	6.37	191.24	2.56	MWD_M	None
21	354.20	6.33	147.85	9.70	353.89	6.21	-7.09	-0.66	7.12	185.34	2.38	MWD_M	None
22	363.90	6.93	152.22	9.70	363.53	7.32	-8.06	-0.11	8.06	180.75	2.46	MWD_M	None
23	373.60	7.13	156.68	9.70	373.15	8.51	-9.13	0.41	9.14	177.46	1.83	MWD_M	None
24	383.50	7.72	161.73	9.90	382.97	9.78	-10.33	0.86	10.36	175.26	2.71	MWD_M	None
25	393.20	8.38	167.97	9.70	392.57	11.12	-11.64	1.21	11.70	174.07	3.44	MWD_M	None
26	402.90	9.25	173.33	9.40	402.16	12.56	-13.11	1.45	13.18	173.70	3.76	MWD_M	None
27	412.44	10.46	178.21	9.54	411.56	14.09	-14.73	1.56	14.82	173.95	4.69	MWD_M	None
28	422.10	11.76	179.83	9.66	421.04	15.80	-16.59	1.59	16.67	174.52	4.22	MWD_M	None
29	431.80	12.72	179.99	9.70	430.52	17.68	-18.65	1.60	18.72	175.11	3.02	MWD_M	None
30	441.50	13.44	179.60	9.70	439.97	19.69	-20.84	1.60	20.91	175.60	2.28	MWD_M	None

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Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/S- (m)	Displ +E/W- (m)	Total displ (m)	At Azim (deg)	DLS (deg/100f)	Srvy tool type	Tool Corr (deg)
31	451.20	14.53	179.88	0.70	440.28	21.83	-23.10	1.61	23.25	176.23	2.43	MWD_M	None

32	480.00	16.75	180.46	28.80	477.11	28.91	-30.95	1.59	30.99	177.06	2.36	MWD_M	None
33	489.80	17.69	183.62	9.80	466.47	31.51	-33.85	1.48	33.88	177.49	4.12	MWD_M	None
34	518.60	19.56	179.88	28.80	513.76	39.80	-43.04	1.22	43.06	178.38	2.35	MWD_M	None
35	528.40	20.38	182.09	9.80	522.97	42.83	-46.39	1.16	46.40	178.57	3.47	MWD_M	None
36	538.10	20.72	181.16	9.70	532.06	45.90	-49.79	1.06	49.80	178.78	1.48	MWD_M	None
37	547.90	21.11	179.24	9.80	541.21	49.09	-53.29	1.05	53.30	178.87	2.45	MWD_M	None
38	556.90	21.91	177.58	9.00	549.58	52.14	-56.59	1.14	56.60	178.84	3.40	MWD_M	None
39	566.90	22.94	176.66	10.00	558.83	55.69	-60.40	1.34	60.41	178.73	3.32	MWD_M	None
40	576.70	23.76	175.40	9.80	567.82	59.34	-64.27	1.60	64.29	178.57	2.99	MWD_M	None
41	586.20	24.35	175.98	9.50	576.50	62.98	-68.13	1.90	68.16	178.41	2.04	MWD_M	None
42	595.40	25.26	176.25	9.20	584.85	66.61	-71.98	2.16	72.01	178.28	3.04	MWD_M	None
43	605.50	26.35	177.97	10.10	593.94	70.71	-76.37	2.38	76.41	178.22	3.99	MWD_M	None
44	615.00	27.36	177.70	9.50	602.42	74.69	-80.66	2.54	80.70	178.20	3.26	MWD_M	None
45	624.40	27.41	178.69	9.40	610.77	78.69	-84.98	2.68	85.02	178.20	1.49	MWD_M	None
46	634.30	27.28	179.43	9.90	619.56	82.87	-89.53	2.75	89.57	178.24	1.12	MWD_M	None
47	644.00	27.64	180.94	9.70	628.17	86.95	-94.00	2.74	94.04	178.33	2.46	MWD_M	None
48	653.80	27.70	181.01	9.80	636.85	91.07	-98.55	2.66	98.59	178.46	0.21	MWD_M	None
49	663.30	27.68	181.35	9.50	645.26	95.07	-102.97	2.57	103.00	178.57	0.51	MWD_M	None
50	673.00	28.21	180.05	9.70	653.83	99.19	-107.51	2.51	107.54	178.66	2.54	MWD_M	None
51	682.80	28.51	179.84	9.80	662.45	103.45	-112.17	2.52	112.19	178.71	0.98	MWD_M	None
52	692.40	29.27	179.59	9.60	670.86	107.69	-116.80	2.54	116.83	178.75	2.44	MWD_M	None
53	702.00	29.15	179.83	9.60	679.24	111.98	-121.49	2.56	121.52	178.79	0.53	MWD_M	None
54	711.60	29.01	178.25	9.60	687.63	116.27	-126.15	2.64	126.18	178.80	2.48	MWD_M	None
55	721.20	29.29	177.11	9.60	696.01	120.61	-130.83	2.83	130.86	178.76	1.97	MWD_M	None
56	730.70	29.52	176.31	9.50	704.29	124.97	-135.48	3.10	135.52	178.69	1.46	MWD_M	None
57	740.10	29.44	176.54	9.40	712.47	129.31	-140.10	3.39	140.14	178.61	0.45	MWD_M	None
58	759.40	29.73	177.48	19.30	729.25	138.20	-149.61	3.88	149.66	178.51	0.86	MWD_M	None
59	787.50	27.58	174.50	28.10	753.91	150.85	-163.05	4.81	163.12	178.31	2.80	MWD_M	None
60	821.50	24.43	168.76	34.00	784.47	165.17	-177.79	6.94	177.92	177.76	3.61	MWD_M	None

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Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/-S- (m)	Displ +E/-W- (m)	Total displ (m)	At Azim (deg)	DLS (deg/100ft)	Srvy tool type	Tool Corr (deg)
61	831.20	24.43	167.19	9.70	793.30	169.09	-181.71	7.78	181.88	177.55	2.05	SP	None
62	840.20	25.63	167.64	9.00	801.46	172.83	-185.43	8.61	185.63	177.34	4.15	SP	None
63	850.10	27.28	165.79	9.90	810.32	177.16	-189.72	9.62	189.96	177.10	5.67	MWD_M	None
64	859.30	28.35	164.51	9.20	818.46	181.40	-193.87	10.72	194.16	176.83	4.06	SP	None
65	868.40	28.23	164.74	9.10	826.47	185.66	-198.03	11.87	198.38	176.57	0.54	SP	None
66	877.10	28.50	167.14	8.70	834.13	189.73	-202.03	12.87	202.44	176.36	4.10	MWD_M	None
67	887.10	29.33	170.15	10.00	842.92	194.37	-206.70	13.91	207.16	175.19	4.44	MWD_M	None
68	896.50	27.70	172.21	9.40	851.22	198.64	-211.07	14.48	211.57	176.07	3.79	SP	None
69	904.00	27.50	171.76	7.50	857.86	201.97	-214.51	14.97	215.03	176.01	1.17	SP	None
70	914.70	27.53	172.71	10.70	867.35	206.72	-219.41	15.63	219.96	175.92	1.25	SP	None
71	923.90	27.63	172.29	9.20	875.51	210.80	-223.63	16.19	224.21	175.86	0.74	SP	None
72	933.00	28.30	173.59	9.10	883.54	214.88	-227.86	16.71	228.48	175.80	3.03	SP	None
73	942.70	28.68	175.41	9.70	892.07	219.27	-232.47	17.16	233.10	175.78	2.96	SP	None
74	951.80	28.30	178.41	9.10	900.07	223.32	-236.80	17.39	237.44	175.80	4.95	MWD_M	None
75	959.60	28.28	177.56	7.80	906.94	226.74	-240.49	17.52	241.13	175.83	1.58	SP	None
76	970.50	28.38	178.71	10.90	916.53	231.53	-245.66	17.69	246.30	175.88	1.56	SP	None
77	980.00	28.25	176.81	9.50	924.90	235.71	-250.16	17.87	250.80	175.92	2.92	SP	None
78	988.60	28.30	177.41	8.60	932.47	239.51	-254.23	18.07	254.88	175.93	1.02	SP	None
79	1002.40	28.30	176.81	13.80	944.62	245.61	-260.77	18.40	261.42	175.96	0.63	SP	None
80	1012.70	28.35	175.74	10.30	953.69	250.20	-265.64	18.72	266.30	175.97	1.51	SP	None
81	1021.60	28.08	176.44	8.90	961.53	254.15	-269.84	19.01	270.51	175.97	1.45	SP	None
82	1031.60	27.95	175.64	10.00	970.36	258.56	-274.53	19.33	275.21	175.97	1.21	SP	None
83	1040.80	27.55	176.31	9.20	978.50	262.58	-278.80	19.63	279.49	175.97	1.69	SP	None
84	1049.60	28.10	174.69	8.00	986.28	266.45	-282.90	19.96	283.60	175.97	3.25	SP	None
85	1060.40	28.20	174.59	10.80	995.81	271.28	-287.97	20.43	288.69	175.94	0.31	SP	None
86	1069.60	28.43	174.91	9.20	1003.91	275.41	-292.31	20.83	293.05	175.92	0.89	SP	None
87	1078.90	28.50	176.34	9.30	1012.08	279.58	-296.73	21.17	297.49	175.92	2.25	SP	None
88	1088.80	28.53	175.19	9.90	1020.78	284.03	-301.44	21.52	302.21	175.92	1.71	SP	None
89	1098.50	28.38	174.81	9.70	1029.31	288.39	-306.05	21.92	306.83	175.90	0.71	SP	None
90	1108.10	28.83	175.21	9.60	1037.74	292.74	-310.63	22.32	311.43	175.89	1.55	SP	None

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Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/-S- (m)	Displ +E/-W- (m)	Total displ (m)	At Azim (deg)	DLS (deg/100ft)	Srvy tool type	Tool Corr (deg)
91	1117.40	28.50	174.14	9.30	1045.90	296.96	-315.07	22.74	315.89	175.87	2.01	SP	None
92	1127.40	28.45	172.89	10.00	1054.69	301.51	-319.80	23.27	320.65	175.84	1.82	SP	None
93	1136.60	28.40	172.99	9.20	1062.78	305.70	-324.15	23.81	325.02	175.80	0.24	SP	None
94	1146.10	28.28	173.01	9.50	1071.14	310.01	-328.63	24.36	329.53	175.76	0.42	SP	None
95	1155.80	27.83	173.91	9.70	1079.70	314.36	-333.16	24.88	334.09	175.73	1.92	SP	None
96	1165.00	27.68	175.06	9.20	1087.84	318.42	-337.42	25.29	338.37	175.71	1.85	SP	None
97	1174.90	28.18	175.01	9.90	1096.59	322.80	-342.04	25.70	343.00	175.70	1.54	SP	None
98	1184.10	27.95	175.81	9.20	1104.71	326.88	-346.35	26.04	347.33	175.70	1.44	SP	None
99	1193.40	27.85	174.79	9.30	1112.93	330.98	-350.69	26.40	351.68	175.70	1.60	MWD M	None
100	1203.50	28.28	173.21	10.10	1121.84	335.50	-355.41	26.90	356.43	175.67	2.58	SP	None
101	1213.00	28.15	172.21	9.50	1130.21	339.80	-359.87	27.46	360.91	175.64	1.56	SP	None
102	1222.10	27.80	174.66	9.10	1138.25	343.87	-364.11	27.95	365.18	175.61	4.02	SP	None
103	1231.90	27.55	174.79	9.80	1146.93	348.18	-368.64	28.37	369.73	175.60	0.80	SP	None
104	1241.50	27.48	173.76	9.60	1155.44	352.39	-373.05	28.81	374.16	175.58	1.53	SP	None
105	1251.20	27.85	174.61	9.70	1164.03	356.67	-377.53	29.27	378.67	175.57	1.70	SP	None
106	1260.85	27.50	174.29	9.65	1172.58	360.92	-381.99	29.70	383.15	175.55	1.20	SP	None
107	1270.20	27.20	175.21	9.35	1180.89	364.98	-386.27	30.10	387.44	175.54	1.69	SP	None
108	1279.40	27.63	174.79	9.20	1189.05	368.99	-390.49	30.47	391.68	175.54	1.56	SP	None
109	1289.30	28.10	172.86	9.90	1197.80	373.39	-395.09	30.96	396.30	175.52	3.13	SP	None
110	1299.00	27.98	172.11	9.70	1206.37	377.76	-399.61	31.56	400.86	175.48	1.17	SP	None
111	1308.40	28.25	173.51	9.40	1214.66	382.00	-404.01	32.11	405.28	175.46	2.31	SP	None
112	1317.90	28.33	175.04	9.50	1223.02	386.27	-408.49	32.56	409.78	175.44	2.34	SP	None
113	1327.60	28.10	174.26	9.70	1231.57	390.62	-413.05	32.99	414.37	175.43	1.37	SP	None
114	1336.90	28.48	174.60	9.30	1239.76	394.80	-417.44	33.42	418.77	175.42	1.35	MWD M	None
115	1347.00	28.45	173.74	10.10	1248.64	399.37	-422.23	33.91	423.59	175.41	1.24	SP	None
116	1356.30	28.50	172.56	9.30	1256.81	403.60	-426.63	34.44	428.02	175.38	2.01	SP	None
117	1365.50	28.75	173.54	9.20	1264.89	407.82	-431.00	34.98	432.42	175.36	1.90	SP	None
118	1375.30	29.25	174.66	9.80	1273.46	412.33	-435.73	35.47	437.17	175.35	2.30	SP	None
119	1384.90	29.00	177.46	9.60	1281.85	416.72	-440.39	35.79	441.84	175.35	4.40	SP	None
120	1394.10	29.05	176.41	9.20	1289.89	420.89	-444.85	36.03	446.30	175.37	1.70	SP	None

216	2316.70	27.30	173.14	9.80	2104.19	830.22	-876.70	72.81	879.72	175.25	0.74	SP	None
217	2327.10	27.13	173.26	10.40	2113.44	834.76	-881.43	73.37	884.47	175.24	0.53	SP	None
218	2336.60	27.13	172.46	9.50	2121.90	838.90	-885.72	73.91	888.80	175.23	1.17	SP	None
219	2345.60	26.85	171.21	9.00	2129.92	842.83	-889.77	74.49	892.88	175.21	2.14	SP	None
220	2357.80	26.90	170.91	12.20	2140.80	848.16	-895.22	75.35	898.38	175.19	0.36	SP	None
221	2367.40	26.45	171.59	9.60	2149.38	852.31	-899.47	76.00	902.68	175.17	1.73	SP	None
222	2376.80	25.90	170.46	9.40	2157.81	856.32	-903.57	76.65	906.82	175.15	2.41	SP	None
223	2386.40	26.08	172.41	9.60	2166.44	860.37	-907.73	77.28	911.01	175.13	2.77	SP	None
224	2396.20	26.58	173.86	9.80	2175.22	864.52	-912.05	77.79	915.36	175.12	2.53	SP	None
225	2405.50	26.28	174.21	9.30	2183.55	868.46	-916.16	78.22	919.49	175.12	1.14	SP	None
226	2415.10	25.83	173.31	9.60	2192.18	872.47	-920.35	78.68	923.71	175.11	1.88	SP	None
227	2424.50	25.89	172.93	9.40	2200.64	876.39	-924.42	79.17	927.81	175.10	0.57	SP	None
228	2433.80	25.86	172.77	9.30	2209.00	880.27	-928.45	79.68	931.86	175.09	0.25	SP	None
229	2443.80	25.90	172.76	10.00	2218.00	884.45	-932.78	80.23	936.22	175.08	0.12	SP	None
230	2453.30	25.65	172.41	9.50	2226.56	888.41	-936.88	80.76	940.35	175.07	0.94	SP	None
231	2462.40	25.60	173.46	9.10	2234.76	892.17	-940.78	81.25	944.28	175.06	1.53	SP	None
232	2472.40	25.60	174.24	10.00	2243.78	896.28	-945.08	81.71	948.60	175.06	1.03	SP	None
233	2481.90	25.67	173.96	9.50	2252.34	900.19	-949.17	82.13	952.72	175.05	0.67	SP	None
234	2491.40	25.93	173.54	9.50	2260.89	904.14	-953.29	82.58	956.86	175.05	0.76	SP	None
235	2501.10	26.10	171.34	9.70	2269.61	908.21	-957.51	83.14	961.11	175.04	3.08	SP	None
236	2510.70	26.10	171.56	9.60	2278.23	912.28	-961.68	83.77	965.32	175.02	0.31	SP	None
237	2520.00	26.23	169.89	9.30	2286.58	916.25	-965.73	84.43	969.41	175.00	2.46	SP	None
238	2529.60	26.15	171.81	9.60	2295.19	920.34	-969.91	85.11	973.64	174.99	2.72	SP	None
239	2539.30	25.95	171.04	9.70	2303.91	924.45	-974.12	85.74	977.89	174.97	1.23	SP	None
240	2548.60	25.98	169.41	9.30	2312.27	928.39	-978.14	86.43	981.95	174.95	2.34	SP	None

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Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/- (m)	Displ +E/- (m)	Total displ (m)	At Azim (deg)	DLS (deg/ 100f)	Srvy tool type	Tool Corr (deg)
241	2558.40	26.00	168.91	9.80	2321.08	932.57	-982.35	87.24	986.22	174.93	0.68	SP	None
242	2568.00	26.48	170.19	9.60	2329.69	936.70	-986.53	88.01	990.45	174.90	2.35	SP	None
243	2577.50	27.08	171.04	9.50	2338.17	940.84	-990.75	88.71	994.71	174.88	2.29	SP	None
244	2587.00	28.23	171.21	9.50	2346.58	945.09	-995.11	89.39	999.11	174.87	3.70	SP	None
245	2596.60	29.00	170.86	9.60	2355.01	949.53	-999.65	90.10	1003.70	174.85	2.50	SP	None
246	2606.00	29.85	169.56	9.40	2363.20	954.01	-1004.20	90.89	1008.30	174.83	3.45	SP	None
247	2615.70	28.98	168.09	9.70	2371.65	958.65	-1008.87	91.81	1013.04	174.80	3.55	SP	None
248	2626.80	28.35	165.26	11.10	2381.39	963.88	-1014.05	93.04	1018.31	174.76	4.11	SP	None
249	2636.20	28.70	162.91	9.40	2389.65	968.32	-1018.37	94.27	1022.72	174.71	3.81	SP	None
250	2645.70	30.68	160.19	9.50	2397.90	973.01	-1022.83	95.76	1027.30	174.65	7.66	SP	None
251	2655.40	31.20	157.64	9.70	2406.22	977.98	-1027.48	97.56	1032.10	174.58	4.44	SP	None
252	2664.60	31.50	155.89	9.20	2414.08	982.77	-1031.88	99.45	1036.66	174.50	3.18	SP	None
253	2674.50	30.40	157.39	9.90	2422.57	987.86	-1036.55	101.47	1041.50	174.41	4.14	SP	None
254	2683.60	29.73	154.16	9.10	2430.44	992.42	-1040.71	103.34	1045.82	174.33	5.85	SP	None
255	2692.70	29.35	152.94	9.10	2438.36	996.90	-1044.72	105.33	1050.02	174.24	2.40	SP	None
256	2702.70	29.95	150.09	10.00	2447.05	1001.83	-1049.07	107.69	1054.58	174.14	4.67	SP	None
257	2711.70	30.30	149.19	9.00	2454.84	1006.32	-1052.97	109.98	1058.69	174.04	1.94	SP	None
258	2721.90	31.73	146.44	10.20	2463.58	1011.52	-1057.41	112.78	1063.41	173.91	6.00	SP	None
259	2731.70	33.85	146.96	9.80	2471.82	1016.76	-1061.85	115.69	1068.13	173.78	6.65	SP	None
260	2740.90	35.88	146.31	9.20	2479.36	1021.95	-1066.24	118.59	1072.81	173.65	6.84	SP	None
261	2750.90	38.02	147.68	10.00	2487.36	1027.89	-1071.28	121.86	1078.19	173.51	6.99	SP	None
262	2759.00	40.90	147.79	9.00	2494.30	1033.55	-1076.12	124.91	1083.34	173.38	9.76	SP	None
263	2769.00	43.57	149.83	10.10	2501.78	1040.28	-1081.93	128.42	1089.52	173.23	9.06	SP	None
264	2779.00	45.26	150.86	9.00	2508.21	1046.55	-1087.40	131.54	1095.33	173.10	6.22	SP	None
265	2789.70	46.51	152.92	10.70	2515.66	1054.21	-1094.17	135.16	1102.49	172.96	5.52	SP	None
266	2799.20	48.87	154.61	9.50	2522.05	1061.23	-1100.48	138.26	1109.13	172.84	8.57	SP	None
267	2808.10	51.29	156.48	8.90	2527.76	1068.06	-1106.69	141.08	1115.65	172.73	9.63	SP	None
268	2817.60	54.75	155.84	9.50	2533.48	1075.65	-1113.63	144.15	1122.92	172.62	11.22	SP	None
269	2826.60	56.96	156.25	9.00	2538.53	1083.09	-1120.44	147.18	1130.06	172.52	7.57	SP	None
270	2836.30	58.82	154.94	9.70	2543.68	1091.31	-1127.92	150.57	1137.92	172.40	6.81	SP	None

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Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/- (m)	Displ +E/- (m)	Total displ (m)	At Azim (deg)	DLS (deg/100f)	Srvy tool type	Tool Corr (deg)
271	2845.70	58.43	154.26	9.40	2548.58	1099.33	-1135.17	154.01	1145.57	172.27	2.27	SP	None
272	2855.70	59.09	153.95	10.00	2553.77	1107.88	-1142.86	157.75	1153.69	172.14	2.17	SP	None
273	2864.60	60.51	154.75	8.90	2558.24	1115.57	-1149.79	161.08	1161.02	172.03	5.41	SP	None
274	2874.20	63.05	153.28	9.60	2562.78	1124.02	-1157.39	164.78	1169.07	171.90	9.05	SP	None
275	2884.40	65.01	155.49	10.20	2567.25	1133.19	-1165.66	168.75	1177.81	171.76	8.34	SP	None
276	2893.50	66.39	154.84	9.10	2570.99	1141.48	-1173.19	172.23	1185.76	171.65	5.03	SP	None
277	2921.50	69.91	155.80	28.00	2581.41	1167.46	-1196.80	183.08	1210.72	171.30	3.95	SP	None
278	2931.40	71.03	155.80	9.90	2584.72	1176.79	-1205.31	186.90	1219.72	171.19	3.45	SP	None
279	2941.30	71.55	155.72	9.30	2587.90	1186.17	-1213.05	190.75	1229.76	171.07	1.62	SP	None
280	2950.70	72.33	155.83	9.40	2590.81	1195.10	-1222.01	194.42	1237.38	170.96	2.55	SP	None
281	2959.60	73.46	154.72	8.90	2593.43	1203.61	-1229.74	197.98	1245.57	170.85	5.31	SP	None
282	2969.70	74.24	154.31	10.10	2596.24	1213.31	-1238.49	202.15	1254.88	170.73	2.65	SP	None
283	2979.10	75.84	153.37	9.40	2598.67	1222.30	-1246.64	206.16	1263.58	170.61	5.95	SP	None
284	2988.40	76.17	153.73	9.30	2600.91	1231.40	-1254.72	210.17	1272.21	170.49	1.57	SP	None
285	2998.00	76.03	151.71	9.60	2603.22	1240.70	-1263.01	214.45	1281.08	170.36	6.24	SP	None
286	3007.40	76.49	151.11	9.40	2605.45	1249.81	-1271.02	218.82	1289.72	170.23	2.41	SP	None
287	3017.10	77.46	150.61	9.70	2607.64	1259.22	-1279.28	223.42	1298.64	170.09	3.41	SP	None
288	3026.80	78.34	149.29	9.70	2609.67	1268.65	-1287.49	228.17	1307.55	169.95	4.91	SP	None
289	3036.60	79.14	148.09	9.80	2611.59	1278.19	-1295.70	233.16	1316.51	169.80	4.43	SP	None
290	3045.70	79.35	147.26	9.10	2613.28	1287.03	-1303.25	237.94	1324.80	169.65	2.82	SP	None
291	3055.70	79.70	146.23	10.00	2615.10	1296.74	-1311.48	243.33	1333.86	169.49	3.27	SP	None
292	3065.10	80.50	145.19	9.40	2616.72	1305.85	-1319.13	248.55	1342.34	169.33	4.21	SP	None
293	3074.40	81.13	144.60	9.30	2618.20	1314.86	-1326.64	253.83	1350.70	169.17	2.81	SP	None
294	3084.10	81.72	143.34	9.70	2619.65	1324.24	-1334.39	259.47	1359.39	169.00	4.33	SP	None
295	3093.80	82.27	142.15	9.70	2621.00	1333.60	-1342.04	265.29	1368.01	168.82	4.09	SP	None
296	3102.90	81.85	142.63	9.10	2622.66	1342.36	-1349.18	270.79	1376.08	168.65	2.12	SP	None
297	3112.90	82.06	141.49	10.00	2623.66	1351.97	-1356.99	276.87	1384.95	168.47	3.50	SP	None
298	3122.40	82.47	141.17	9.50	2624.94	1361.08	-1364.34	282.76	1393.33	168.29	1.66	SP	None
299	3131.60	83.10	140.09	9.20	2626.09	1369.88	-1371.39	288.55	1401.42	168.12	4.12	SP	None
300	3141.50	83.72	139.52	9.90	2627.23	1379.33	-1378.90	294.89	1410.09	167.93	2.59	SP	None