

Company: Omimex Petroleum Inc

Well: Sagehorn 14-34-6-45

Field: Ballyneal

County: Phillips State: Colorado

Platform Express
Inclinometry Log

County:	Phillips			
Field:	Ballyneal			
Location:	SESW Sec.34, T6N, R45W			
Well:	Sagehorn 14-34-6-45			
Company:	Omimex Petroleum Inc			
Location:		SESW Sec.34, T6N, R45W	Elev.:	K.B. 3871.00 ft
Permanent Datum:		SHL: 733' FSL & 1899' FWL		G.L. 3865.00 ft
Log Measured From:		Lat/Long: 40.441640/-102.371340		D.F. 3870.00 ft
Drilling Measured From:		Ground Level	Elev.:	3865.00 f
API Serial No.		Kelly Bushing	6.00 ft	above Perm.Datum
05-095-0		Kelly Bushing		
Section:		34	Township:	6N
Range:				45W

Logging Date	09-Dec-2014			
Run Number	ONE			
Depth Driller	2698.00 ft			
Schlumberger Depth	2698.00 ft			
Bottom Log Interval	2698.00 ft			
Top Log Interval	498.25 ft			
Casing Driller Size @ Depth	7 in @ 495.00 ft			
Casing Schlumberger	495 ft			
Bit Size	6.25 in			
Type Fluid In Hole	WBM			
Density	Viscosity	28 s		
Fluid Loss	PH	4 cm3	8	
MUD				
Source of Sample				
RM @ Meas Temp	0.23 ohm.m @ 71.57 degF			
RMF @ Meas Temp	0.16 ohm.m @ 75 degF			
RMC @ Meas Temp	0.33 ohm.m @ 75 degF			
Source RMF	RMC	Calculated	Calculated	
RM @ BHT	RMF @ BHT	0.15 @ 110	0.11 @ 110	
Max Recorded Temperatures				
Circulation Stopped		Time	08:30:00	
Logger on Bottom		Time	13:50:00	
Unit Number	Location:	9108	Fort Morgan	
Recorded By	Nolan Welsh			
Witnessed By	Paul Dekaye			

Disclaimer

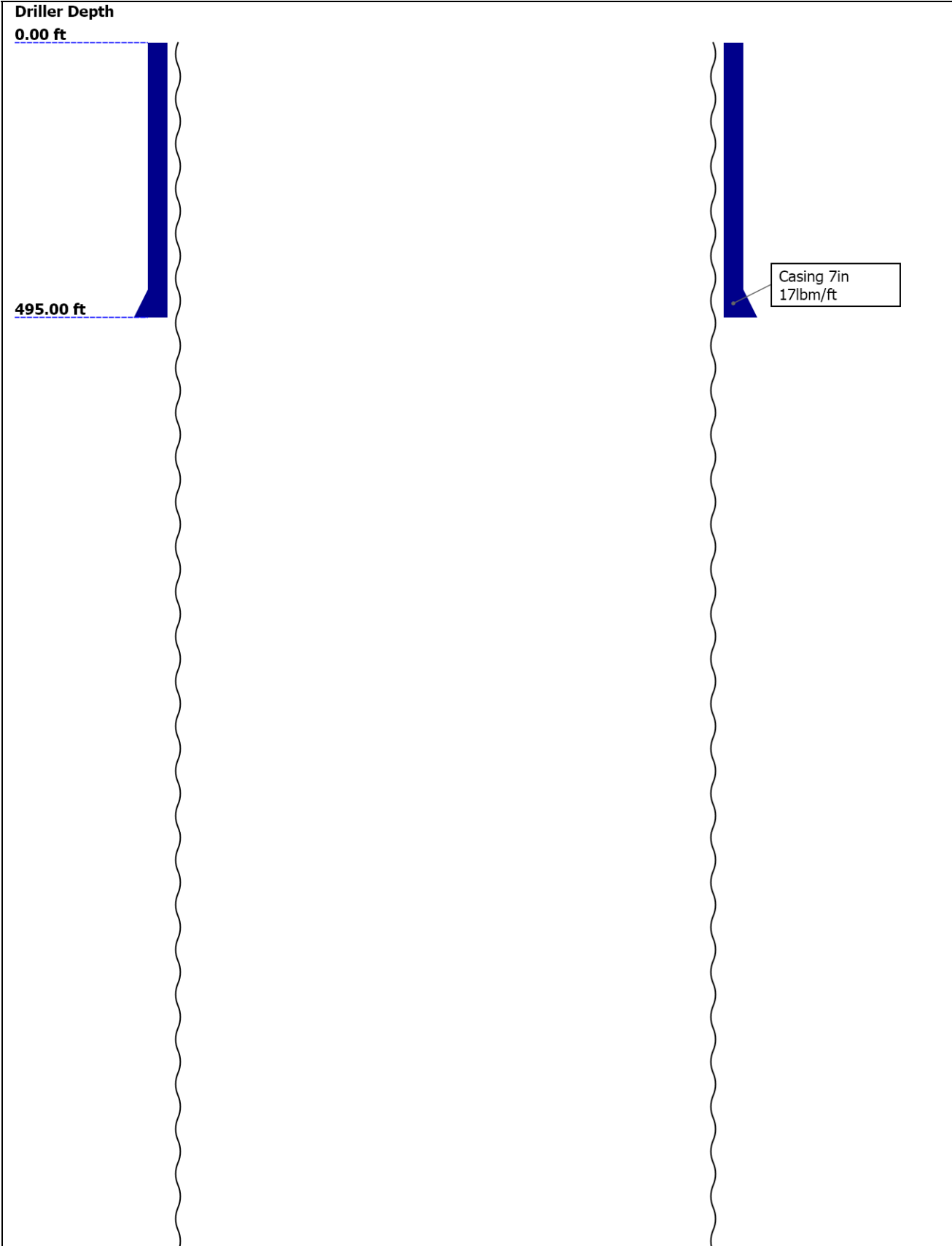
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Well Sketch



2698.00 ft

Open Hole 6.25in

Borehole Size/Casing/Tubing Record

Bit						
Bit Size (in)	6.25					
Top Driller (ft)	0					
Top Logger (ft)	0					
Bottom Driller (ft)	2698					
Bottom Logger (ft)	2698					
Casing						
Size (in)	7					
Weight (lbm/ft)	17					
Inner Diameter (in)	6.538					
Grade	N/A					
Top Driller (ft)	0					
Top Logger (ft)	0					
Bottom Driller (ft)	495					
Bottom Logger (ft)	495					

Borehole Fluids

Parameter(unit)	ONE					
Fluid Type	Water					
Fluid Name	WBM					
Max Recorded Temperatures (degF)	110					
Source of Sample	Active Tank					
Salinity (ppm)	11600					
Density (lbm/gal)	8.5					
Funnel Viscosity (s)	28					
Fluid Loss (cm3)	4					
PH	8					
Date/Time Circulation Stopped	09-Dec-2014 08:30:00					
Date Logger on Bottom	09-Dec-2014					
Time Logger on Bottom	13:50:00					
Source RMF	Calculated					
RMC	Calculated					
RM @ Meas Temp (ohm.m@degF)	0.23 @ 71.57					
RMF @ Meas Temp (ohm.m@degF)	0.16 @ 75					

RMC @ Meas Temp (ohm.m@degF)	0.33 @ 75					
RM @ BHT (ohm.m@degF)	0.15 @ 110					
RMF @ BHT (ohm.m@degF)	0.11 @ 110					
RMC @ BHT (ohm.m@degF)	0.23 @ 110					
Total Solid (%)						
High Gravity Solids (%)						

Remarks and Equipment Summary

ONE: Toolstring					ONE: Remarks
Equip name	Length	MP name	Offset		Toolstring run as per tool sketch.
LEH-QT	55.57				Matrix: Limestone MDEN: 2.71 g/cm3
LEH-QT					Rig: Excell #2
					Crew: Troy Ocanus, Jeffery Schossow
DTCH-H	52.65	CTEM	51.75		
ECH-KC		HV	0.00		
DTCH-H					
		ToolStatus	49.65		
		TelStatus	49.65		
Weight[2]	49.65				
GPIT-F	45.65				
GPIH-B		GPIT-F Incl	44.23		
GPIC-F		ometer			
DHRU-F					
		GPIT	0.00		
Weight[1]	41.65				
HGNS-H	37.65	Temperature	37.62		
HGNH					
NPV-N		GR	36.91		
NSR-F:5068					
HGNS-H					
HACCZ-H:3616					
HMCA-H					
		CNL Porosity	30.57		
		HMCA	28.24		
		HGNS	28.24		
		Acceleromete	0.00		
		r			
HDRS-H	28.24				
ECH-MEB					
HRCC-H					
HRMS-H					
HRGD-H:5788					
Backscatter:2696					
1					
Short Spacing		HRCC	24.24		
Long Spacing					
GSR-J:5416					
GPV-Q					



AIT-M:181 16.00
AMIS:181
AMRM

Temperature 7.91
Induction 7.91
Power Supply 7.91

SP 0.08
Mud Resistivity 0.00
Head Tension
TOOL_ZERO

Lengths are in ft
Maximum Outer Diameter = 4.625 in
Line: Sensor Location, Value: Gating Offset
All measurements are relative to TOOL_ZERO

Depth Summary

ONE

Depth Measuring Device

Type	IDW-JA		
Serial Number	5896		
Calibration Date	13-Aug-2014		
Calibrator Serial Number			
Calibration Cable Type	7-46-AXS		
Wheel Correction 1	-3		
Wheel Correction 2	-2		

Tension Device

Type	CMTD-B/A		
Serial Number	1109		
Calibration Date	18-Nov-2014		
Calibrator Serial Number	441345A		
Number of Calibration Points	10		
Calibration Root Mean Square Error	36		
Calibration Peak Error	69		

Logging Cable

Type	7-46A-XS		
Serial Number	U711136		
Length	18000.00 ft		
Conveyance Type	Wireline		
Rig Type	Land		

ONE:Depth Control Parameters

Depth Control Remarks

Log Sequence					First Log In the Well					All Schlumberger depth procedures followed														
Rig Up Length At Surface										IDW used as primary depth control														
Rig Up Length At Bottom										Z-Chart used as secondary depth control.														
Rig Up Length Correction																								
Stretch Correction																								
Tool Zero Check At Surface																								
Survey Record																								
Survey Calculation																								
Method :					Minimum Radius of Curvature					DLS Method :					Lubinski									
North Reference :					True North					Total Correction Formula :					Magnetic Dec									
Rig Location																								
Latitude :					40.441640 degrees					Longitude :					-102.37134 degrees									
Tie In Point																								
Measured Depth:		0.00 ft		Inclination:		0.00 deg		Azimuth:		0.00 deg														
True Vertical Depth:		0.00 ft		North Displacement:		0.00 ft		East Displacement:		0.00 ft														
Survey Quality Index																								
9 : Manual					28 : Tie-In Point																			
Survey Correction Index																								
0 : No correction																								
Survey Description Index																								
0 : Not Flagged Survey																								
Seq	MD (ft)	Incl (deg)	Azim (deg)	Course (ft)	TVD (ft)	V Sec (ft)	N/ -S (ft)	E/ -W (ft)	Closure (ft)	at Azim (deg)	DLS deg/100ft	Tool Type	QI	CI	DI									
1	0.00	0.00	0.00	- - - -	0.00	0.00	0.00	0.00	0.00	90.00	0.00	TIP	28	0	0									
2	16.00	0.41	153.64	16.00	16.00	-0.05	-0.05	0.03	0.07	153.64	2.55	GPIT-F	9	0	0									
3	46.00	0.35	122.85	30.00	46.00	-0.20	-0.20	0.15	0.26	142.59	0.70	GPIT-F	9	0	0									
4	76.00	0.24	99.94	30.00	76.00	-0.26	-0.26	0.29	0.39	131.55	0.54	GPIT-F	9	0	0									
5	106.00	0.11	205.77	30.00	106.00	-0.30	-0.30	0.34	0.46	130.97	0.99	GPIT-F	9	0	0									
6	136.00	0.16	328.85	30.00	136.00	-0.29	-0.29	0.31	0.43	133.12	0.82	GPIT-F	9	0	0									
7	166.00	0.22	173.53	30.00	166.00	-0.31	-0.31	0.29	0.43	136.52	1.24	GPIT-F	9	0	0									
8	196.00	0.07	84.58	30.00	196.00	-0.36	-0.36	0.31	0.49	138.96	0.75	GPIT-F	9	0	0									
9	226.00	0.13	3.11	30.00	226.00	-0.33	-0.33	0.33	0.46	134.34	0.45	GPIT-F	9	0	0									
10	256.00	0.06	332.03	30.00	256.00	-0.28	-0.28	0.33	0.43	130.37	0.28	GPIT-F	9	0	0									
11	286.00	0.19	42.48	30.00	286.00	-0.23	-0.23	0.36	0.43	122.70	0.61	GPIT-F	9	0	0									
12	316.00	0.38	335.57	30.00	316.00	-0.10	-0.10	0.35	0.36	105.93	1.18	GPIT-F	9	0	0									
13	346.00	0.53	353.83	30.00	346.00	0.13	0.13	0.29	0.33	66.08	0.68	GPIT-F	9	0	0									
14	376.00	0.82	355.38	30.00	376.00	0.48	0.48	0.26	0.56	28.38	0.97	GPIT-F	9	0	0									
15	406.00	0.74	336.80	30.00	405.99	0.87	0.87	0.17	0.89	10.77	0.88	GPIT-F	9	0	0									
16	436.00	0.89	248.46	30.00	435.99	0.96	0.96	-0.13	0.98	352.53	3.80	GPIT-F	9	0	0									
17	466.00	1.27	359.77	30.00	465.99	1.21	1.21	-0.34	1.25	344.15	5.97	GPIT-F	9	0	0									
18	496.00	1.19	256.01	30.00	495.98	1.47	1.47	-0.65	1.61	336.22	6.43	GPIT-F	9	0	0									
19	526.00	1.43	243.38	30.00	525.98	1.22	1.22	-1.28	1.77	313.64	1.27	GPIT-F	9	0	0									
20	556.00	1.51	247.33	30.00	555.97	0.90	0.90	-1.98	2.17	294.46	0.43	GPIT-F	9	0	0									
21	586.00	1.71	246.50	30.00	585.95	0.57	0.57	-2.76	2.82	281.70	0.67	GPIT-F	9	0	0									
22	616.00	1.67	243.22	30.00	615.94	0.20	0.20	-3.56	3.58	273.16	0.35	GPIT-F	9	0	0									
23	646.00	1.47	242.15	30.00	645.93	-0.18	-0.18	-4.29	4.30	267.60	0.66	GPIT-F	9	0	0									
24	676.00	1.39	245.64	30.00	675.92	-0.51	-0.51	-4.96	4.99	264.14	0.39	GPIT-F	9	0	0									
25	706.00	1.31	249.02	30.00	705.91	-0.78	-0.78	-5.61	5.68	262.06	0.37	GPIT-F	9	0	0									
26	736.00	1.35	247.60	30.00	735.90	-1.04	-1.04	-6.26	6.36	260.56	0.17	GPIT-F	9	0	0									
27	766.00	1.30	253.26	30.00	765.90	-1.27	-1.27	-6.91	7.02	259.57	0.47	GPIT-F	9	0	0									
28	796.00	1.29	243.44	30.00	795.89	-1.52	-1.52	-7.54	7.71	258.59	0.74	GPIT-F	9	0	0									
29	826.00	1.18	250.62	30.00	825.88	-1.78	-1.78	-8.14	8.33	257.69	0.63	GPIT-F	9	0	0									
30	856.00	1.22	246.41	30.00	855.87	-2.01	-2.01	-8.72	8.96	257.04	0.33	GPIT-F	9	0	0									
31	886.00	0.78	233.58	30.00	885.87	-2.26	-2.26	-9.18	9.45	256.19	1.65	GPIT-F	9	0	0									
32	916.00	0.56	229.77	30.00	915.87	-2.47	-2.47	-9.45	9.78	255.35	0.76	GPIT-F	9	0	0									

33	946.00	0.53	218.65	30.00	945.87	-2.67	-2.67	-9.65	10.01	254.52	0.36	GPIT-F	9	0	0
34	976.00	0.39	195.30	30.00	975.87	-2.88	-2.88	-9.76	10.17	253.58	0.78	GPIT-F	9	0	0
35	1006.00	0.40	182.89	30.00	1005.86	-3.08	-3.08	-9.80	10.27	252.54	0.29	GPIT-F	9	0	0
36	1036.00	0.46	194.86	30.00	1035.86	-3.30	-3.30	-9.83	10.37	251.44	0.36	GPIT-F	9	0	0
37	1066.00	0.54	144.51	30.00	1065.86	-3.53	-3.53	-9.78	10.40	250.14	1.44	GPIT-F	9	0	0
38	1096.00	0.58	140.75	30.00	1095.86	-3.77	-3.77	-9.60	10.30	248.59	0.18	GPIT-F	9	0	0
39	1126.00	0.62	134.83	30.00	1125.86	-4.00	-4.00	-9.39	10.20	246.95	0.24	GPIT-F	9	0	0
40	1156.00	0.54	130.04	30.00	1155.86	-4.20	-4.20	-9.17	10.07	245.38	0.29	GPIT-F	9	0	0
41	1186.00	0.78	136.40	30.00	1185.86	-4.44	-4.44	-8.92	9.97	243.52	0.84	GPIT-F	9	0	0
42	1216.00	0.71	120.62	30.00	1215.85	-4.69	-4.69	-8.62	9.81	241.46	0.72	GPIT-F	9	0	0
43	1246.00	0.71	129.11	30.00	1245.85	-4.90	-4.90	-8.31	9.65	239.49	0.35	GPIT-F	9	0	0
44	1276.00	0.87	120.87	30.00	1275.85	-5.13	-5.13	-7.97	9.48	237.24	0.65	GPIT-F	9	0	0
45	1306.00	0.81	117.44	30.00	1305.85	-5.35	-5.35	-7.59	9.28	234.85	0.25	GPIT-F	9	0	0
46	1336.00	0.79	118.65	30.00	1335.84	-5.54	-5.54	-7.22	9.09	232.49	0.08	GPIT-F	9	0	0
47	1366.00	1.01	117.75	30.00	1365.84	-5.76	-5.76	-6.81	8.92	229.74	0.71	GPIT-F	9	0	0
48	1396.00	0.96	117.07	30.00	1395.83	-6.00	-6.00	-6.35	8.73	226.61	0.15	GPIT-F	9	0	0
49	1426.00	0.98	119.03	30.00	1425.83	-6.24	-6.24	-5.90	8.60	223.40	0.12	GPIT-F	9	0	0
50	1456.00	1.07	122.21	30.00	1455.83	-6.51	-6.51	-5.44	8.50	219.87	0.34	GPIT-F	9	0	0
51	1486.00	1.13	118.05	30.00	1485.82	-6.80	-6.80	-4.94	8.40	216.01	0.35	GPIT-F	9	0	0
52	1516.00	1.16	117.55	30.00	1515.81	-7.08	-7.08	-4.41	8.33	211.93	0.08	GPIT-F	9	0	0
53	1546.00	1.25	110.47	30.00	1545.81	-7.34	-7.34	-3.84	8.27	207.62	0.59	GPIT-F	9	0	0
54	1576.00	1.08	109.88	30.00	1575.80	-7.55	-7.55	-3.26	8.23	203.39	0.57	GPIT-F	9	0	0
55	1606.00	1.31	108.89	30.00	1605.79	-7.75	-7.75	-2.67	8.20	199.03	0.76	GPIT-F	9	0	0
56	1636.00	1.37	112.48	30.00	1635.79	-8.00	-8.00	-2.02	8.27	194.16	0.35	GPIT-F	9	0	0
57	1666.00	1.40	111.91	30.00	1665.78	-8.28	-8.28	-1.35	8.40	189.25	0.11	GPIT-F	9	0	0
58	1696.00	1.49	112.93	30.00	1695.77	-8.56	-8.56	-0.65	8.60	184.34	0.31	GPIT-F	9	0	0
59	1726.00	1.57	115.81	30.00	1725.76	-8.89	-8.89	0.08	8.89	179.49	0.37	GPIT-F	9	0	0
60	1756.00	1.72	116.17	30.00	1755.74	-9.27	-9.27	0.85	9.32	174.75	0.52	GPIT-F	9	0	0
61	1786.00	1.76	119.48	30.00	1785.73	-9.70	-9.70	1.66	9.84	170.30	0.35	GPIT-F	9	0	0
62	1816.00	1.78	116.83	30.00	1815.72	-10.13	-10.13	2.47	10.43	166.28	0.28	GPIT-F	9	0	0
63	1846.00	1.83	120.67	30.00	1845.70	-10.59	-10.59	3.30	11.09	162.69	0.43	GPIT-F	9	0	0
64	1876.00	1.77	121.40	30.00	1875.69	-11.07	-11.07	4.11	11.81	159.65	0.21	GPIT-F	9	0	0
65	1906.00	1.79	122.23	30.00	1905.67	-11.56	-11.56	4.90	12.57	157.04	0.12	GPIT-F	9	0	0
66	1936.00	1.88	123.70	30.00	1935.66	-12.09	-12.09	5.71	13.35	154.73	0.33	GPIT-F	9	0	0
67	1966.00	1.89	125.95	30.00	1965.64	-12.65	-12.65	6.52	14.24	152.74	0.25	GPIT-F	9	0	0
68	1996.00	1.90	127.83	30.00	1995.62	-13.25	-13.25	7.31	15.12	151.10	0.21	GPIT-F	9	0	0
69	2026.00	1.83	132.10	30.00	2025.61	-13.88	-13.88	8.06	16.04	149.84	0.52	GPIT-F	9	0	0
70	2056.00	1.86	132.98	30.00	2055.59	-14.53	-14.53	8.77	16.96	148.87	0.12	GPIT-F	9	0	0
71	2086.00	1.84	133.55	30.00	2085.58	-15.19	-15.19	9.48	17.91	148.04	0.08	GPIT-F	9	0	0
72	2116.00	1.79	132.89	30.00	2115.56	-15.84	-15.84	10.17	18.83	147.30	0.20	GPIT-F	9	0	0
73	2146.00	1.77	131.02	30.00	2145.55	-16.47	-16.47	10.86	19.72	146.59	0.20	GPIT-F	9	0	0
74	2176.00	1.74	129.77	30.00	2175.53	-17.06	-17.06	11.56	20.60	145.87	0.15	GPIT-F	9	0	0
75	2206.00	1.73	133.85	30.00	2205.52	-17.67	-17.67	12.24	21.49	145.28	0.41	GPIT-F	9	0	0
76	2236.00	1.69	135.04	30.00	2235.51	-18.29	-18.29	12.88	22.38	144.85	0.19	GPIT-F	9	0	0
77	2266.00	1.70	134.77	30.00	2265.49	-18.92	-18.92	13.51	23.26	144.47	0.05	GPIT-F	9	0	0
78	2296.00	1.51	136.76	30.00	2295.48	-19.52	-19.52	14.10	24.08	144.17	0.67	GPIT-F	9	0	0
79	2326.00	1.24	140.06	30.00	2325.47	-20.06	-20.06	14.57	24.80	144.00	0.92	GPIT-F	9	0	0
80	2356.00	1.04	140.04	30.00	2355.47	-20.52	-20.52	14.96	25.39	143.91	0.67	GPIT-F	9	0	0
81	2386.00	1.02	140.08	30.00	2385.46	-20.93	-20.93	15.30	25.92	143.83	0.08	GPIT-F	9	0	0
82	2416.00	0.99	143.22	30.00	2415.46	-21.34	-21.34	15.63	26.44	143.78	0.20	GPIT-F	9	0	0
83	2446.00	0.93	142.30	30.00	2445.45	-21.74	-21.74	15.93	26.97	143.76	0.23	GPIT-F	9	0	0
84	2476.00	0.88	142.13	30.00	2475.45	-22.12	-22.12	16.22	27.43	143.74	0.17	GPIT-F	9	0	0
85	2506.00	0.87	142.48	30.00	2505.45	-22.48	-22.48	16.50	27.89	143.71	0.03	GPIT-F	9	0	0
86	2536.00	0.81	134.87	30.00	2535.44	-22.81	-22.81	16.70	28.31	143.64	0.41	GPIT-F	9	0	0

86	2536.00	0.61	134.67	30.00	2533.44	-22.81	-22.8	16.79	28.31	143.64	0.41	GPIT-F	9	0	0
87	2566.00	0.69	140.21	30.00	2565.44	-23.10	-23.10	17.06	28.71	143.55	0.46	GPIT-F	9	0	0
88	2596.00	0.72	133.58	30.00	2595.44	-23.37	-23.37	17.31	29.07	143.47	0.29	GPIT-F	9	0	0
89	2626.00	0.92	131.41	30.00	2625.44	-23.66	-23.66	17.63	29.49	143.30	0.68	GPIT-F	9	0	0
90	2656.00	0.65	130.46	30.00	2655.43	-23.93	-23.93	17.94	29.92	143.14	0.90	GPIT-F	9	0	0

ONE

Inclinometry Log

Pass Summary

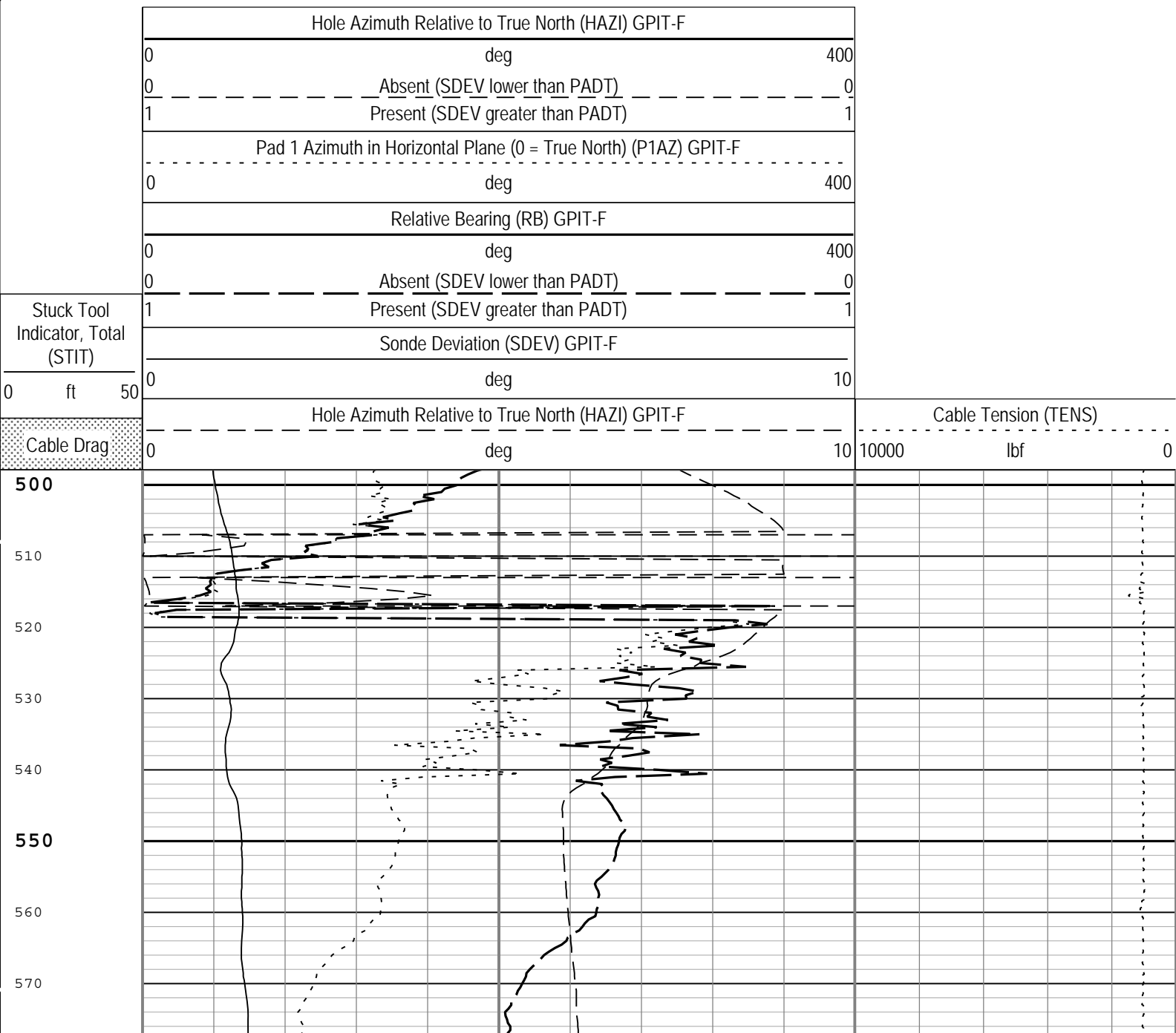
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
ONE	Main[3]:Up	Up	54.64 ft	2700.43 ft	09-Dec-2014 2:09:10 PM	09-Dec-2014 2:54:47 PM	ON	0.00 ft	Yes

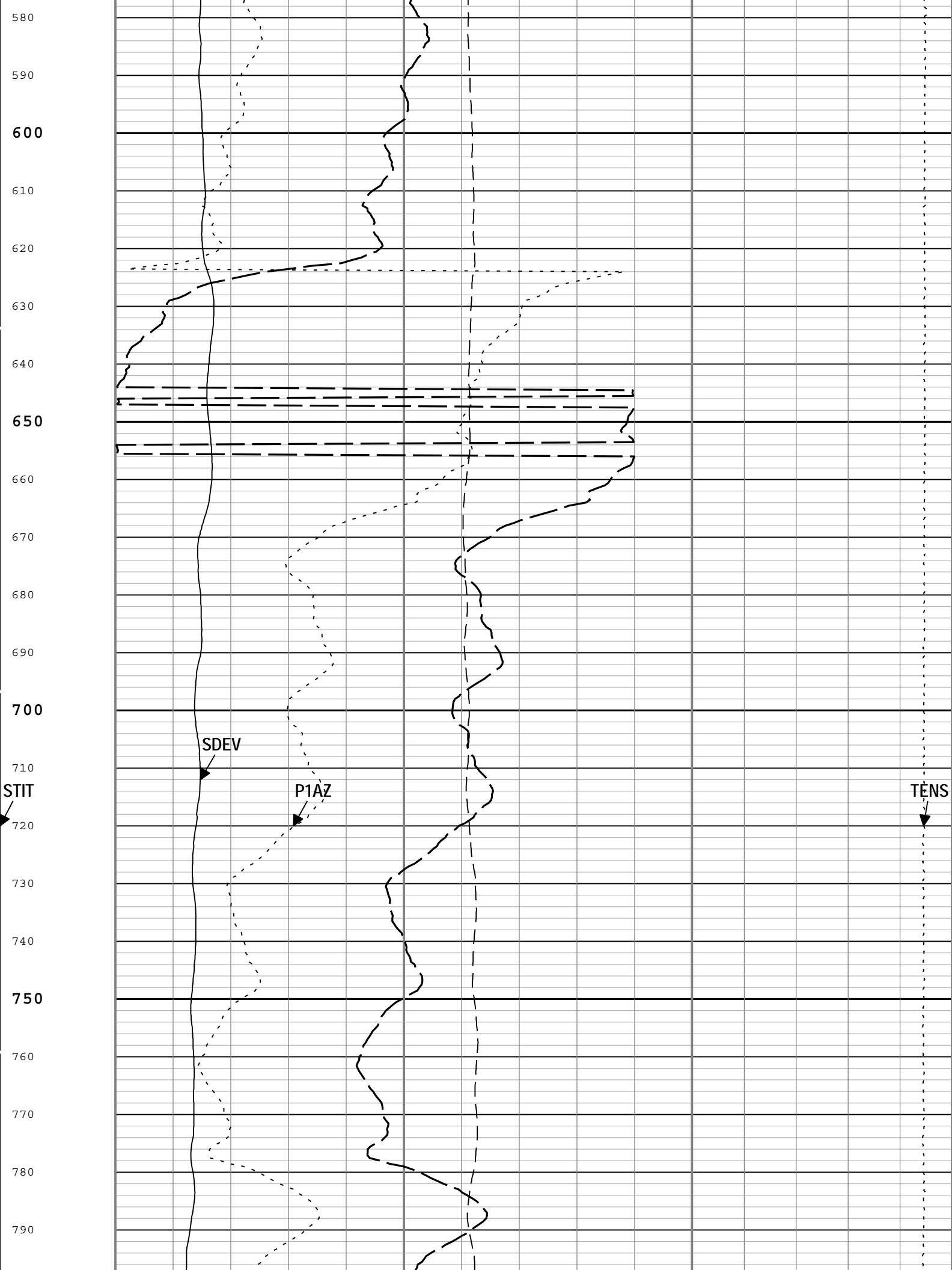
All depths are referenced to toolstring zero

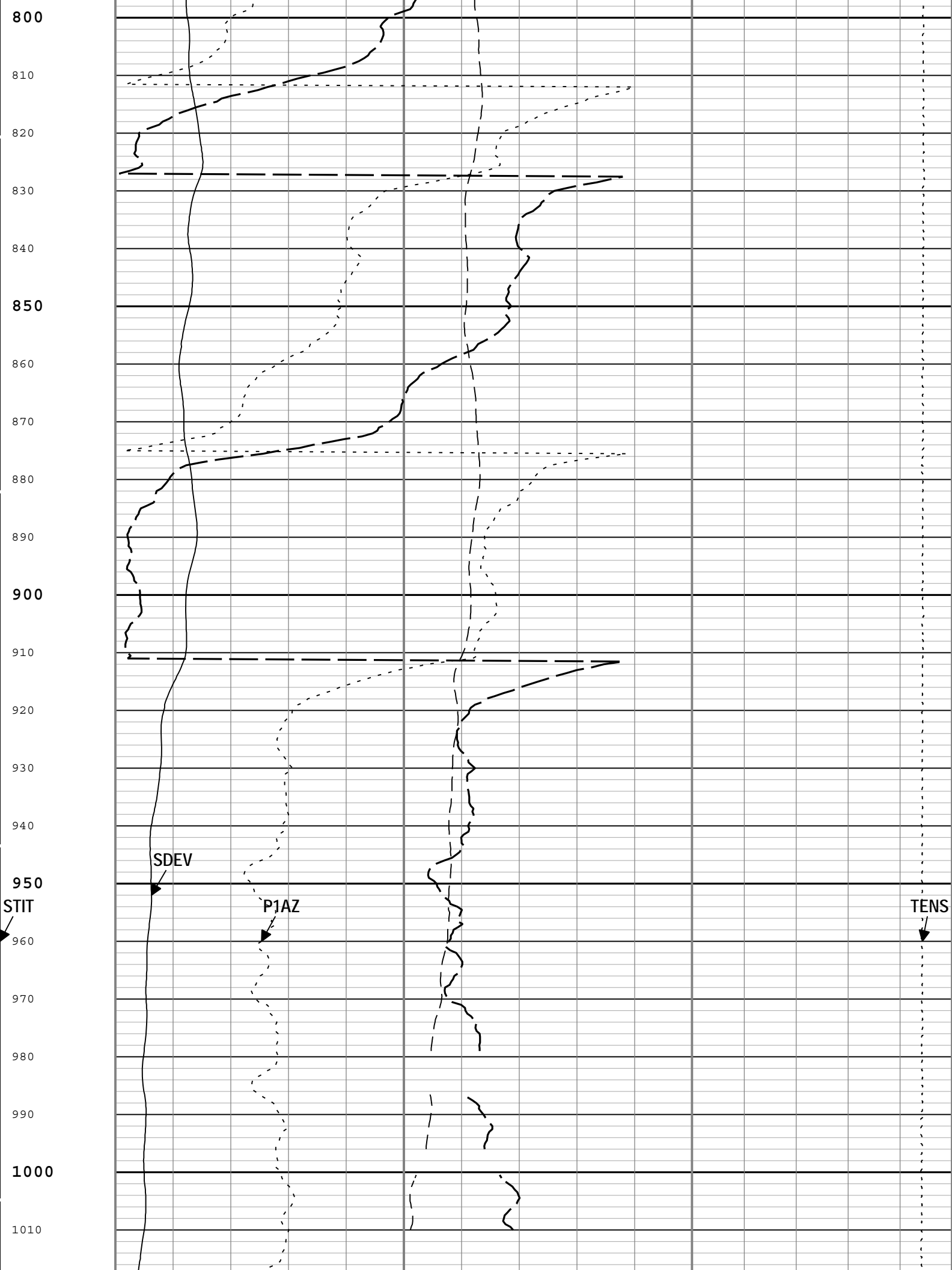
Log	Company:Omimex Petroleum Inc	Well:Sagehorn 14-34-6-45
		ONE: Main[3]:Up:S006

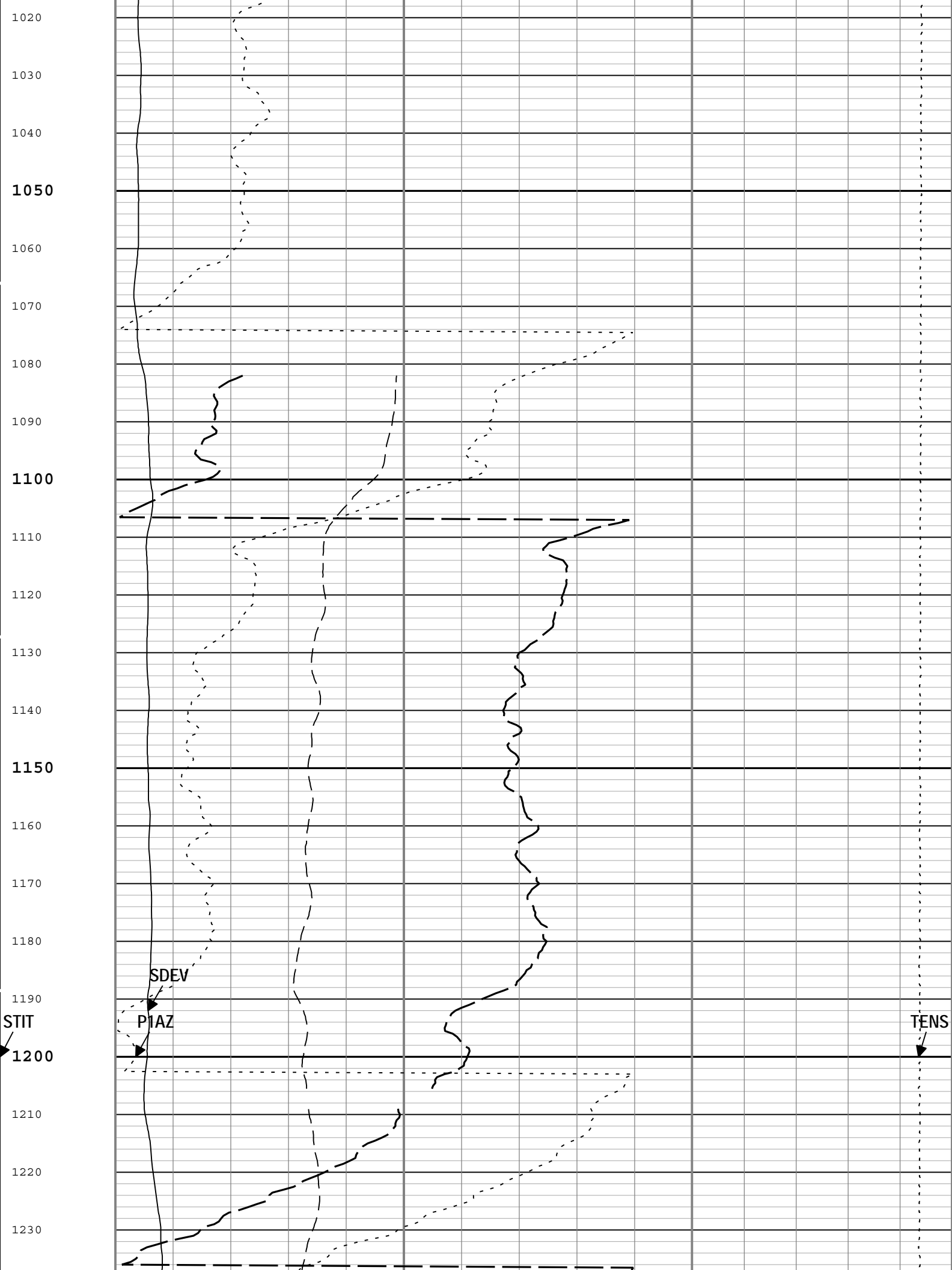
Description: GPIT inclinometry log Format: Log (GPIT Inclinometry Log) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth
Creation Date: 09-Dec-2014 15:52:42

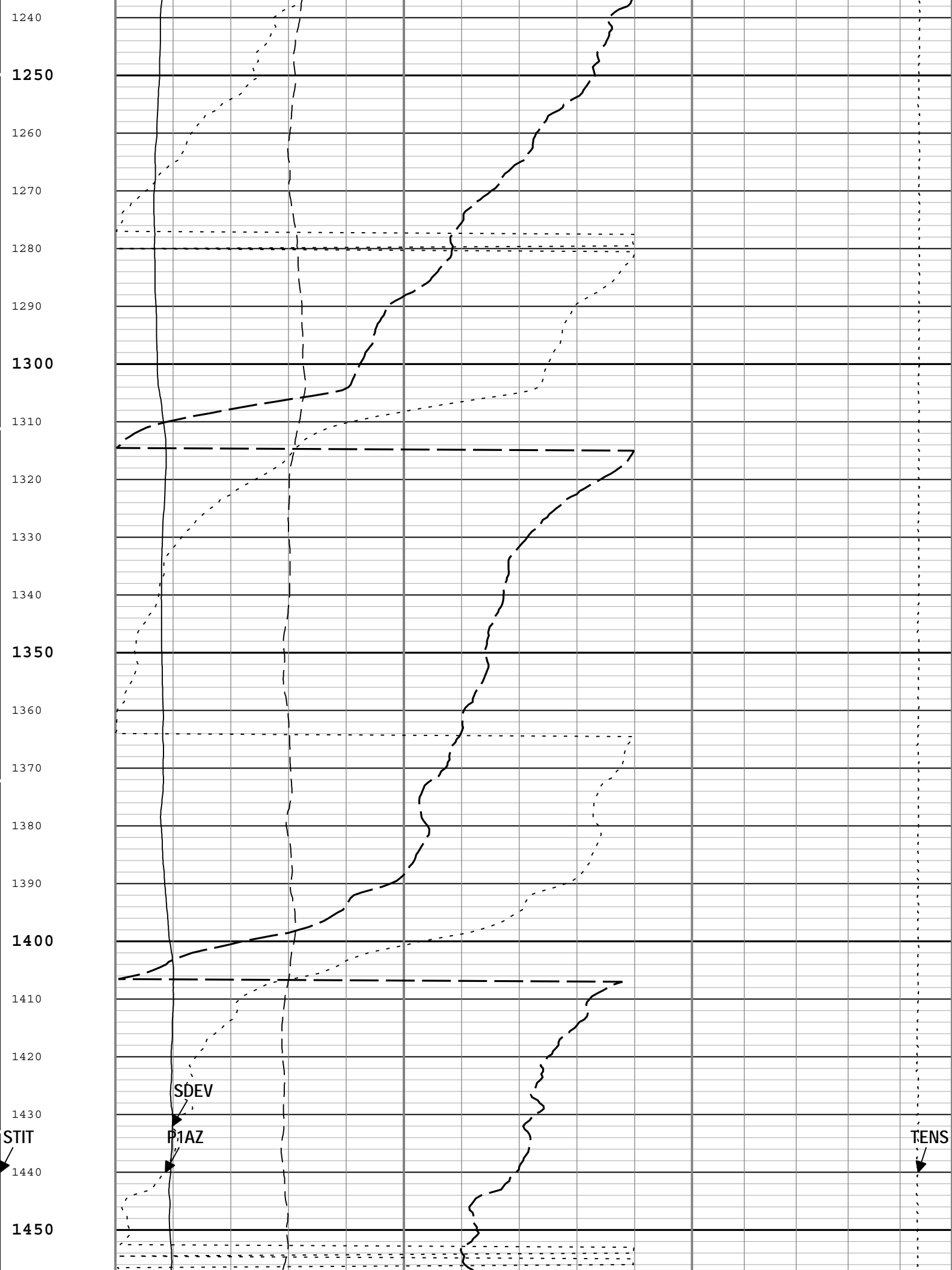
TIME_1900 - Time Marked every 60.00 (s)

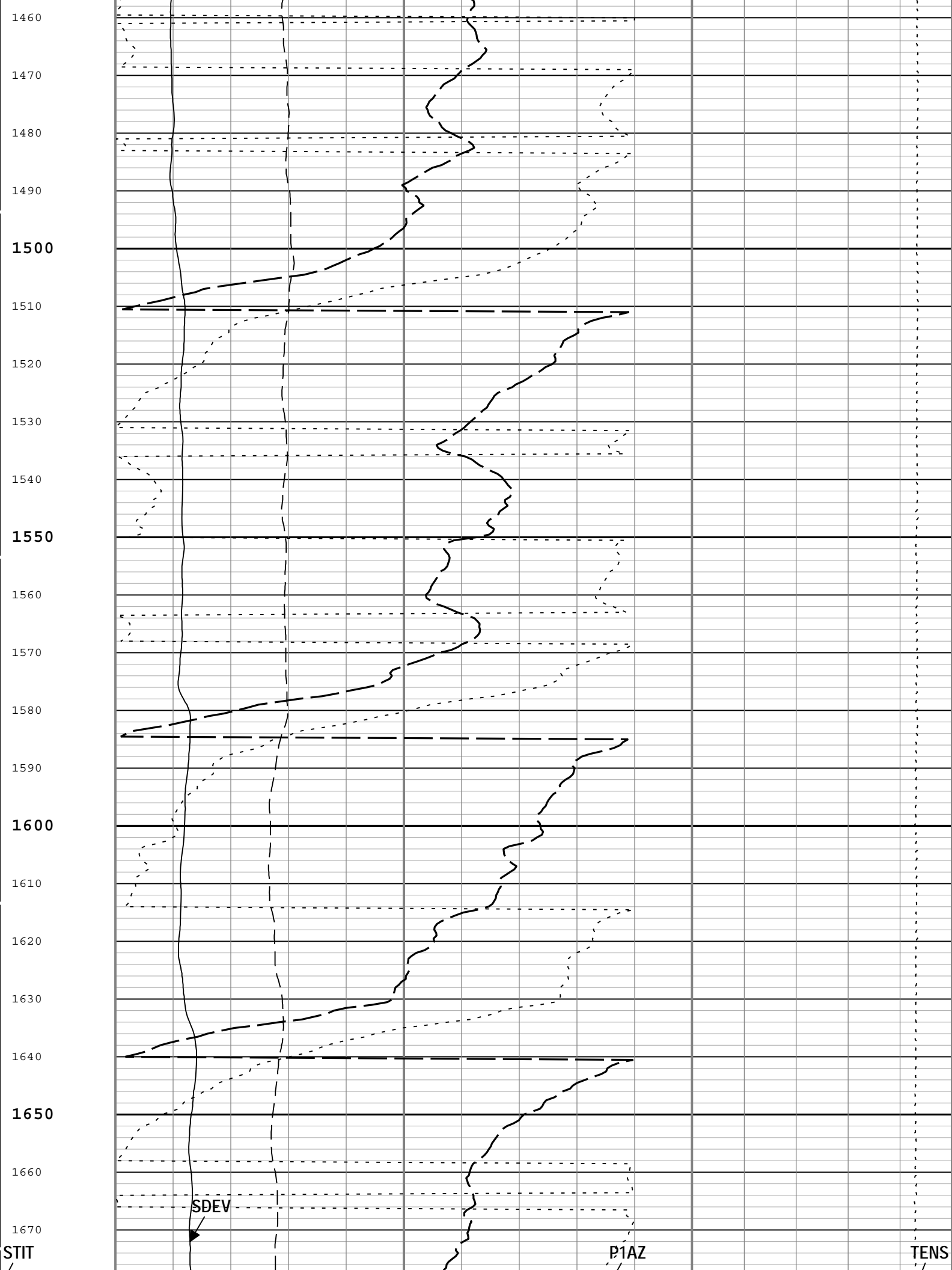


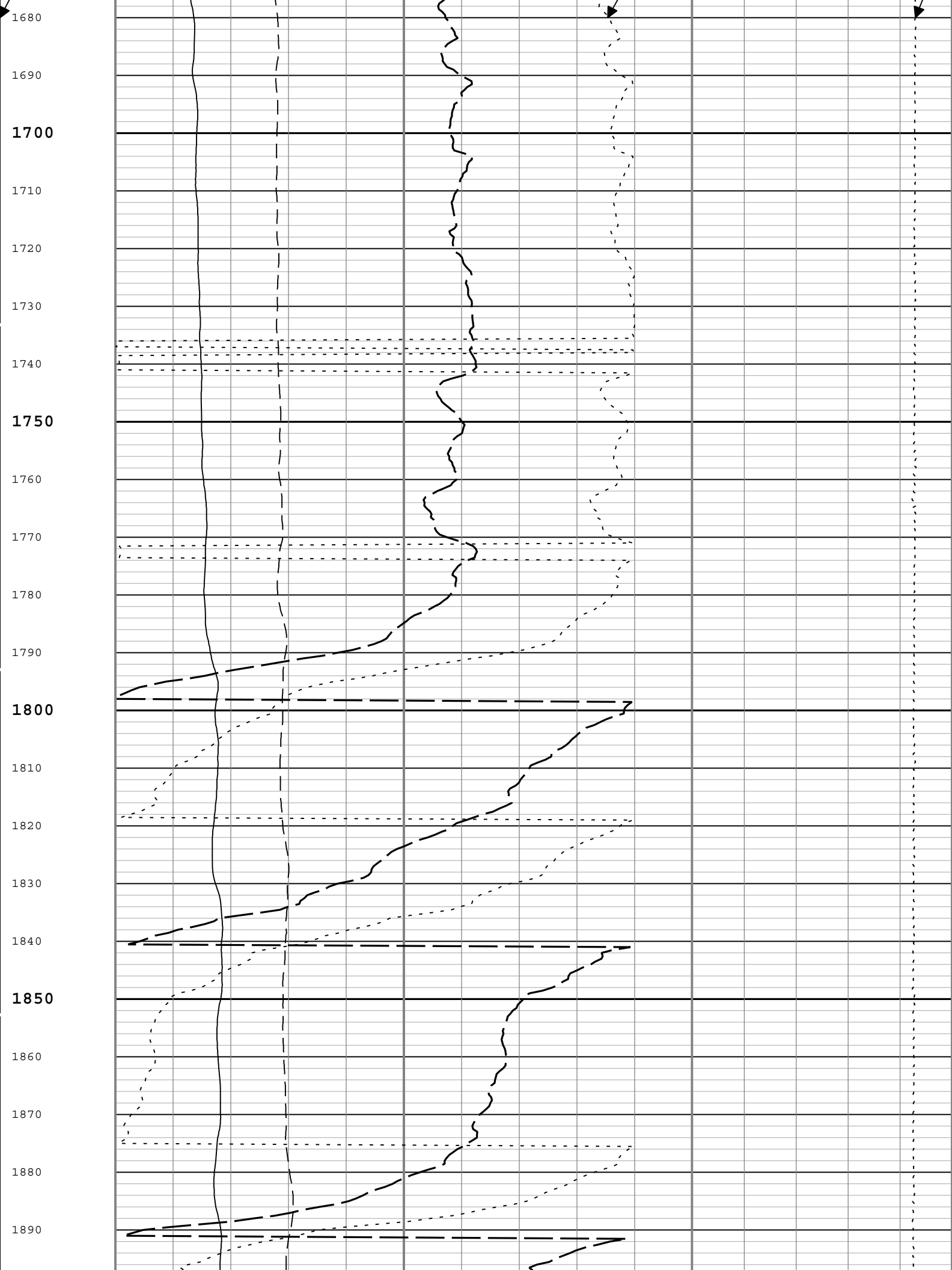


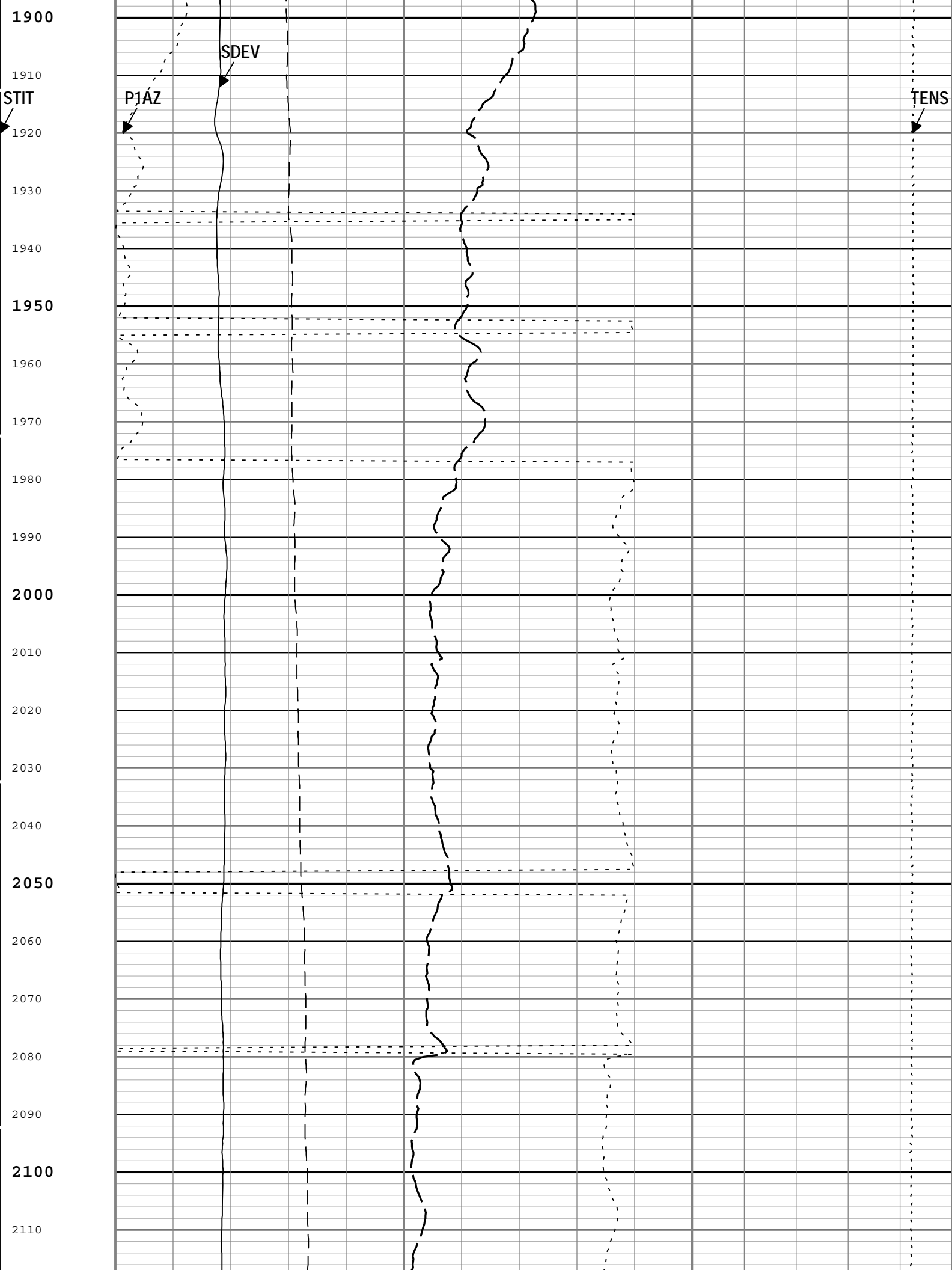


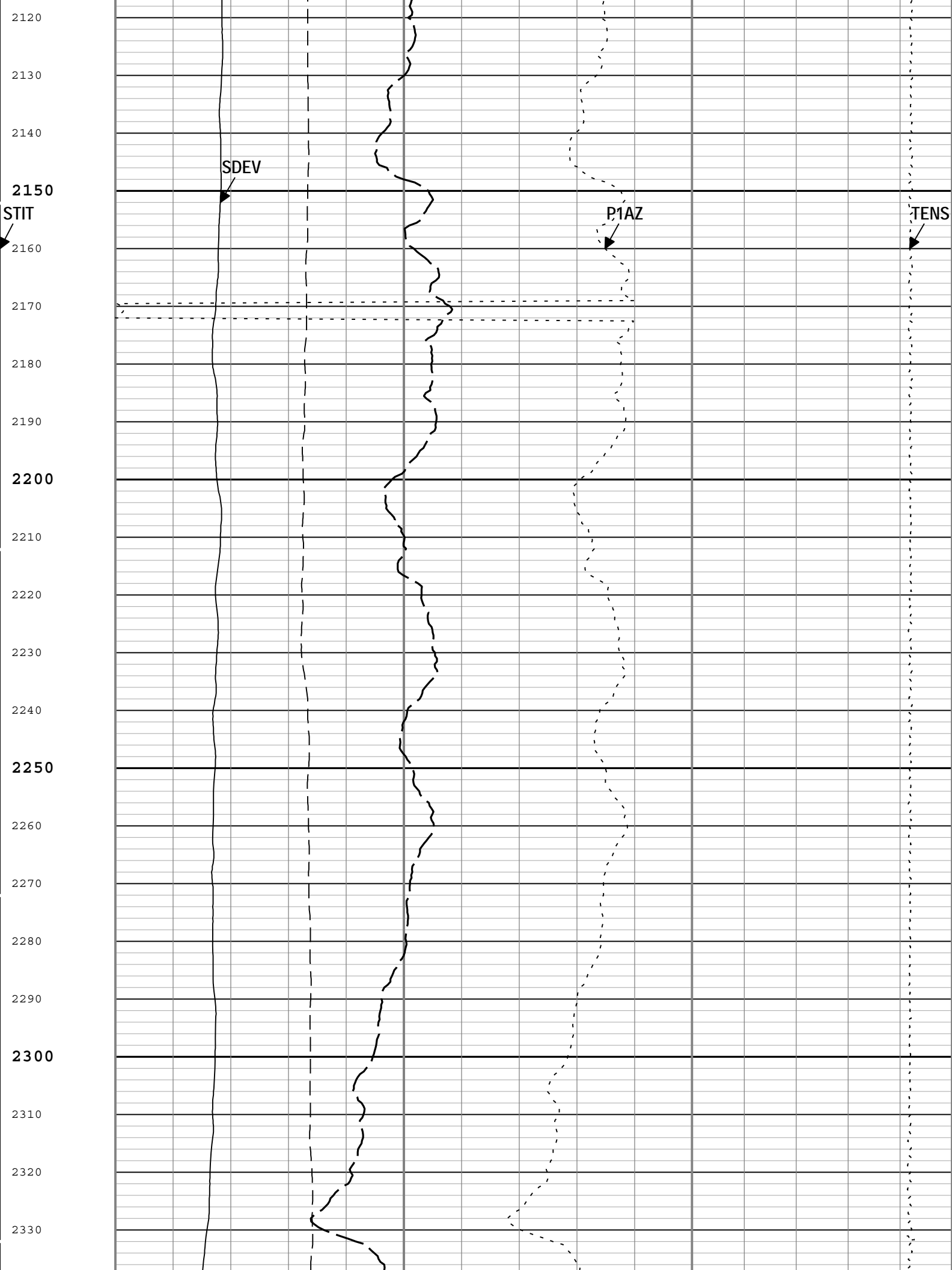


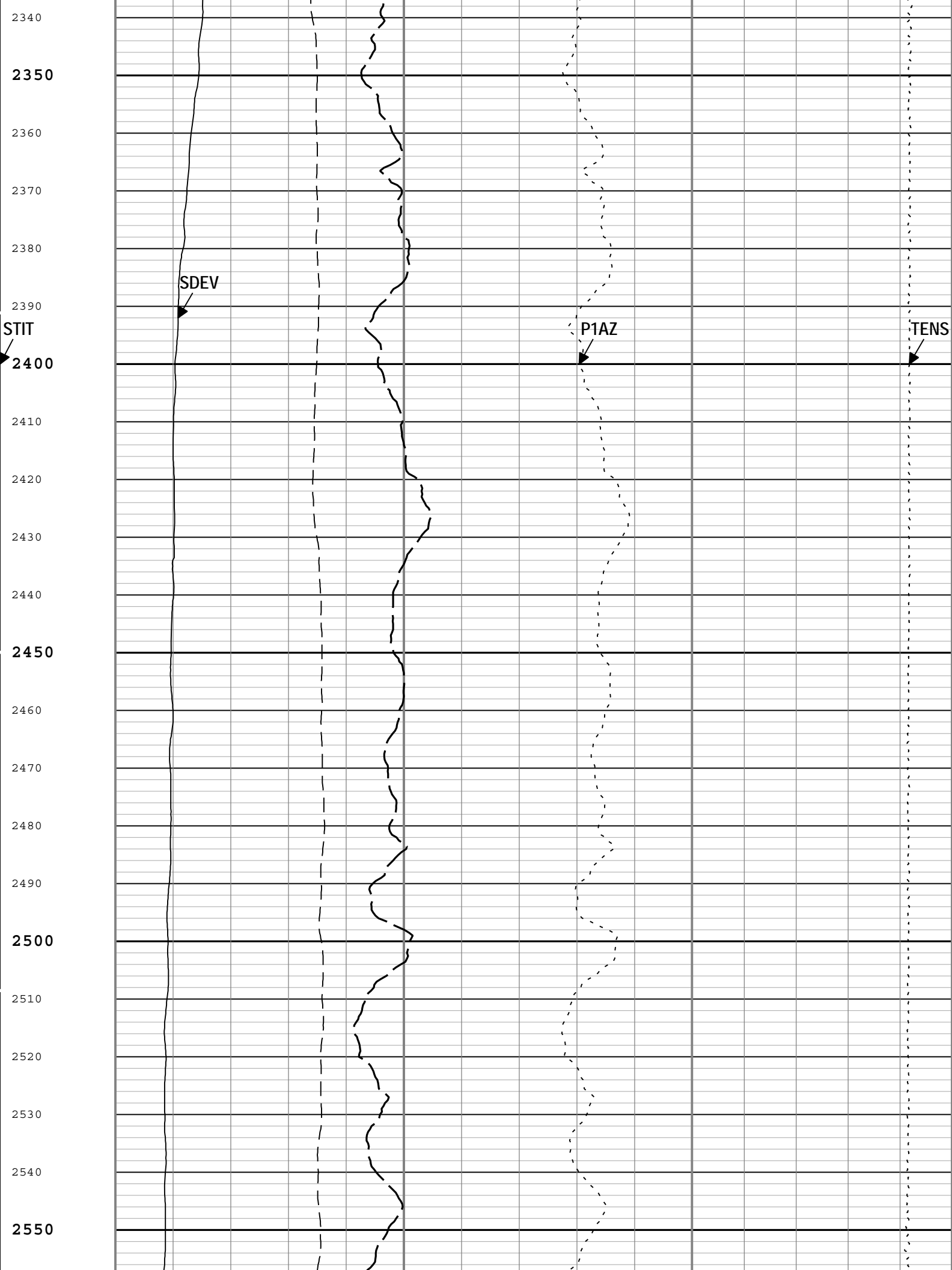


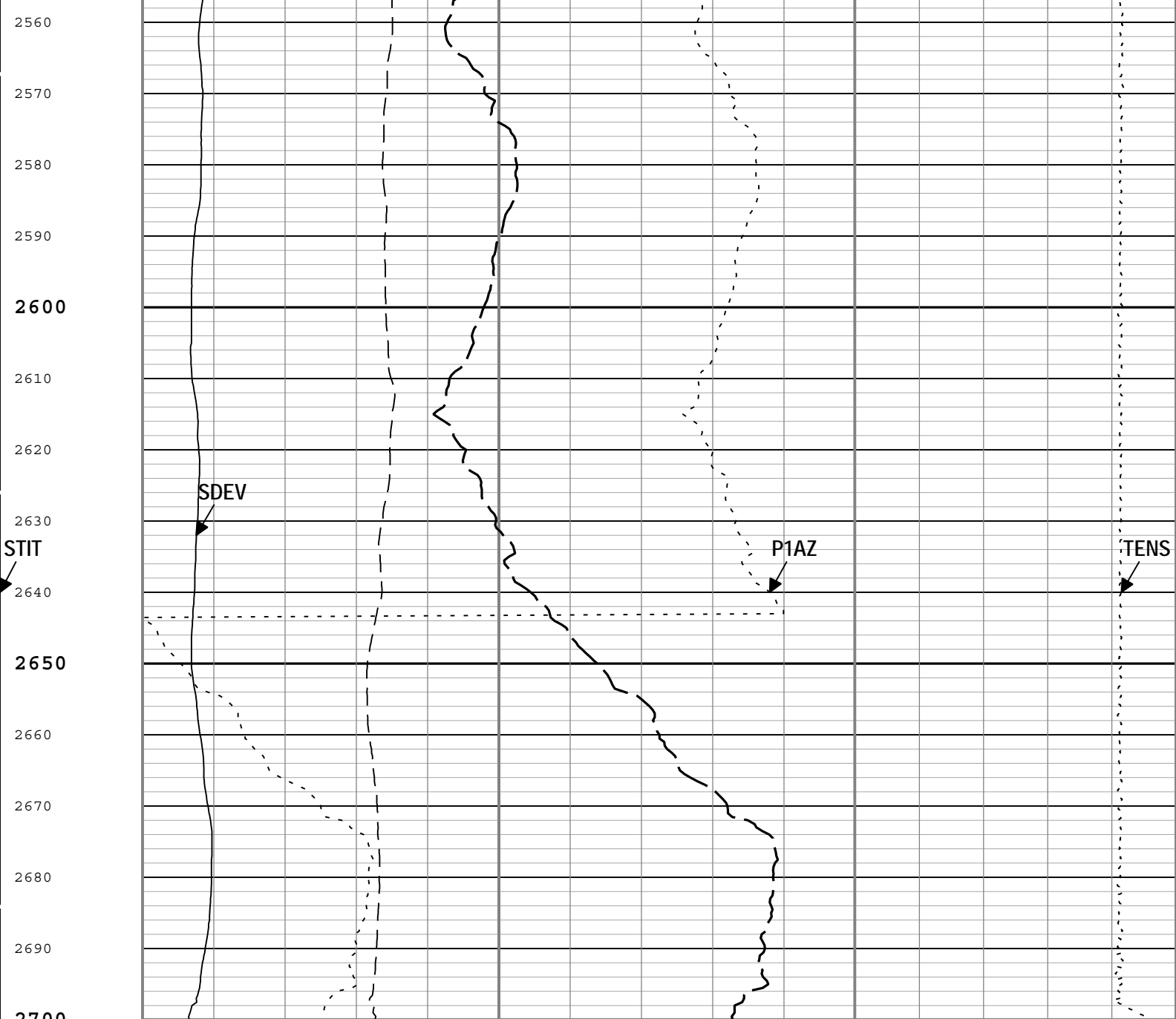












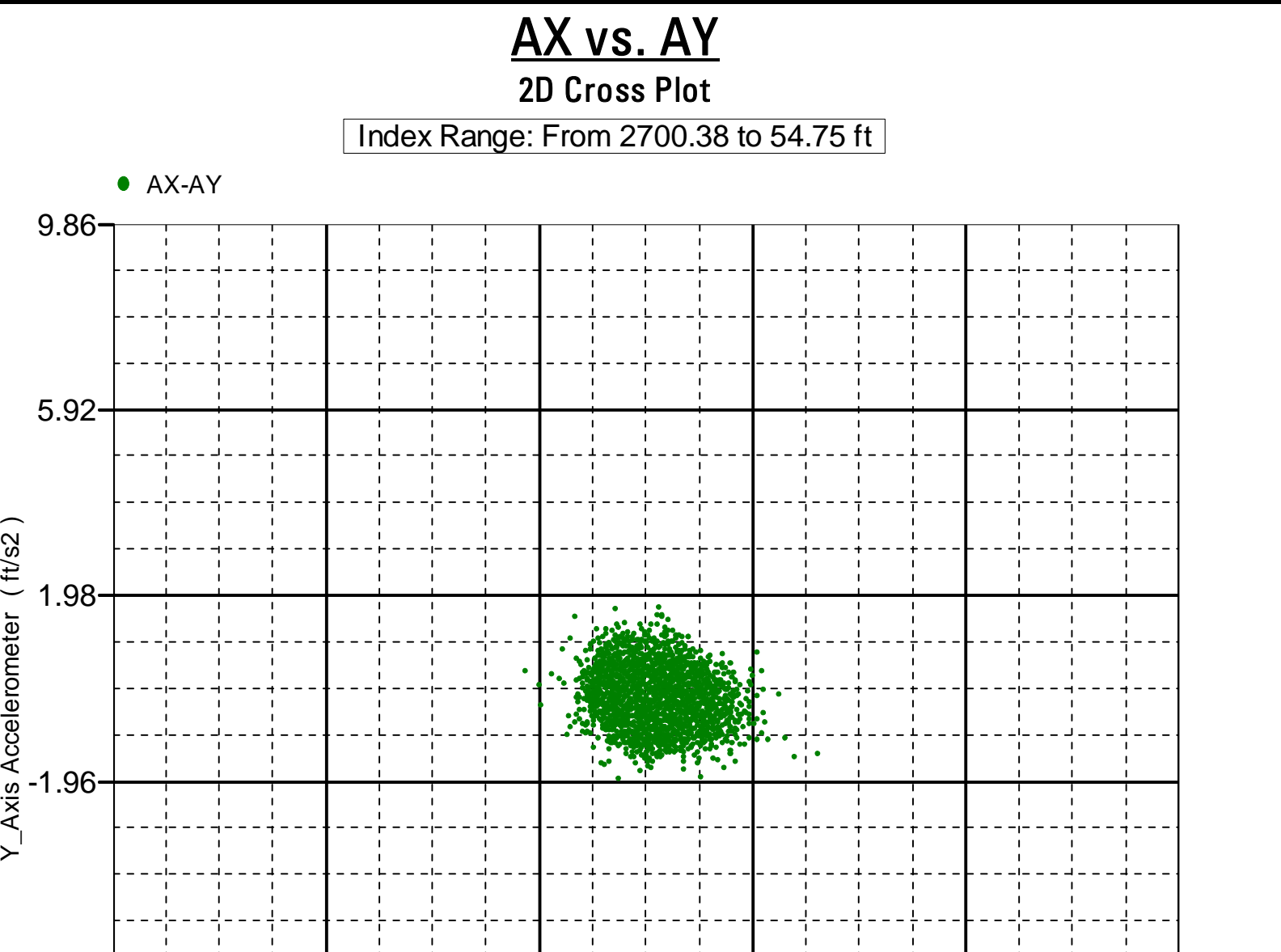
Stuck Tool Indicator, Total (STIT)	Hole Azimuth Relative to True North (HAZI) GPIT-F		Cable Tension (TENS)	
	0	deg	10000	lbf
0	Absent (SDEV lower than PADT)		0	0
	1	Present (SDEV greater than PADT)	1	1
Cable Drag	Pad 1 Azimuth in Horizontal Plane (0 = True North) (P1AZ) GPIT-F			
	0	deg	400	400
	Relative Bearing (RB) GPIT-F			
	0	deg	400	400
	Absent (SDEV lower than PADT)		0	0
	1	Present (SDEV greater than PADT)	1	1
	Sonde Deviation (SDEV) GPIT-F			
	0	deg	10	10
	Hole Azimuth Relative to True North (HAZI) GPIT-F			
	0	deg	10	10

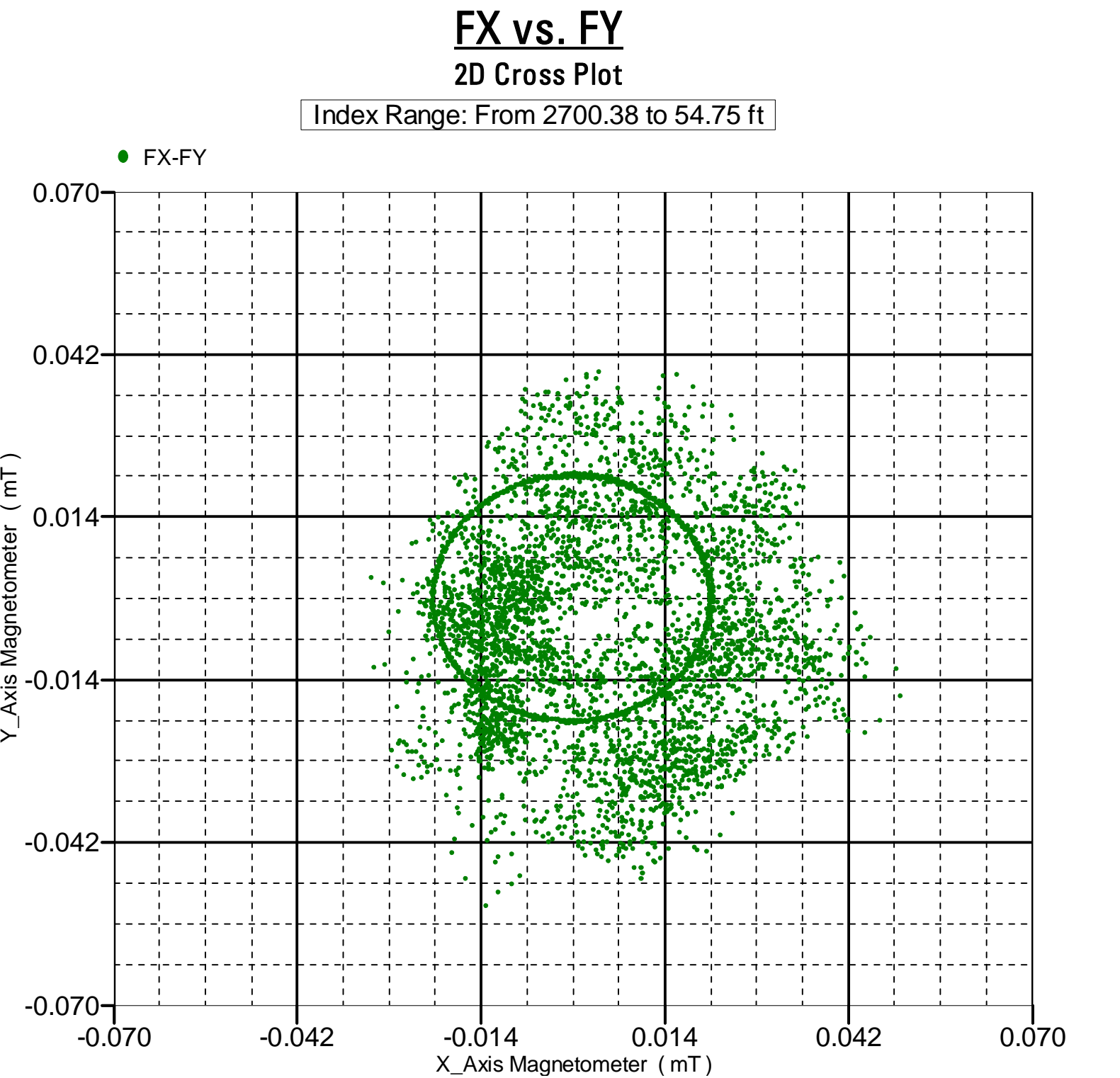
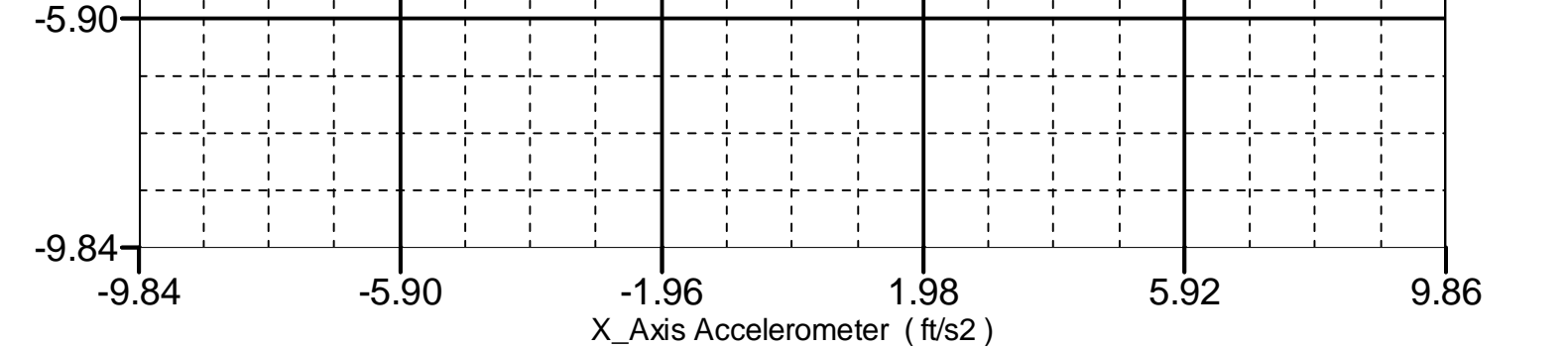
TIME_1900 - Time Marked every 60.00 (s)

Description: GPIT inclinometry log Format: Log (GPIT Inclinometry Log) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth

Creation Date: 09-Dec-2014 15:52:42

Channel Processing Parameters				
Parameter	Description	Tool	Value	Unit
AOFFX	X Accelerometer Offset	GPIT-F	0	ft/s2
AOFFY	Y Accelerometer Offset	GPIT-F	0	ft/s2
AOFFZ	Z Accelerometer Offset	GPIT-F	0	ft/s2
CBLO	Casing Bottom (Logger)	WLSESSION	495	ft
DC_MODE	Depth Correction Mode	DepthCorrection	Real-time	
FOFFX	X Magnetometer Offset	GPIT-F	0	mT
FOFFY	Y Magnetometer Offset	GPIT-F	0	mT
FOFFZ	Z Magnetometer Offset	GPIT-F	0	mT
ICMO	Inclinometry Computation Mode	GPIT-F	Automatic Selection	
LOG_SPEED_RNG	Logging Speed Range	GPIT-F	Normal (600 ft/h - 3600 ft/h)	
TD	Total Measured Depth	Borehole	2698	ft
USER_LOCB	User-supplied values for Magnetic Flux Density	WLSESSION	52894.24	nT
USER_MDEC	User-supplied values for Magnetic Declination	WLSESSION	7.16	deg
USER_MDIP	User-supplied values for Magnetic Dip Angle	WLSESSION	67.32	deg
Tool Control Parameters				
Parameter	Description	Tool	Value	Unit
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	3600	ft/h
XYZ	Company:Omimex Petroleum Inc Well:Sagehorn 14-34-6-45 ONE: Main[3]:Up:S006			

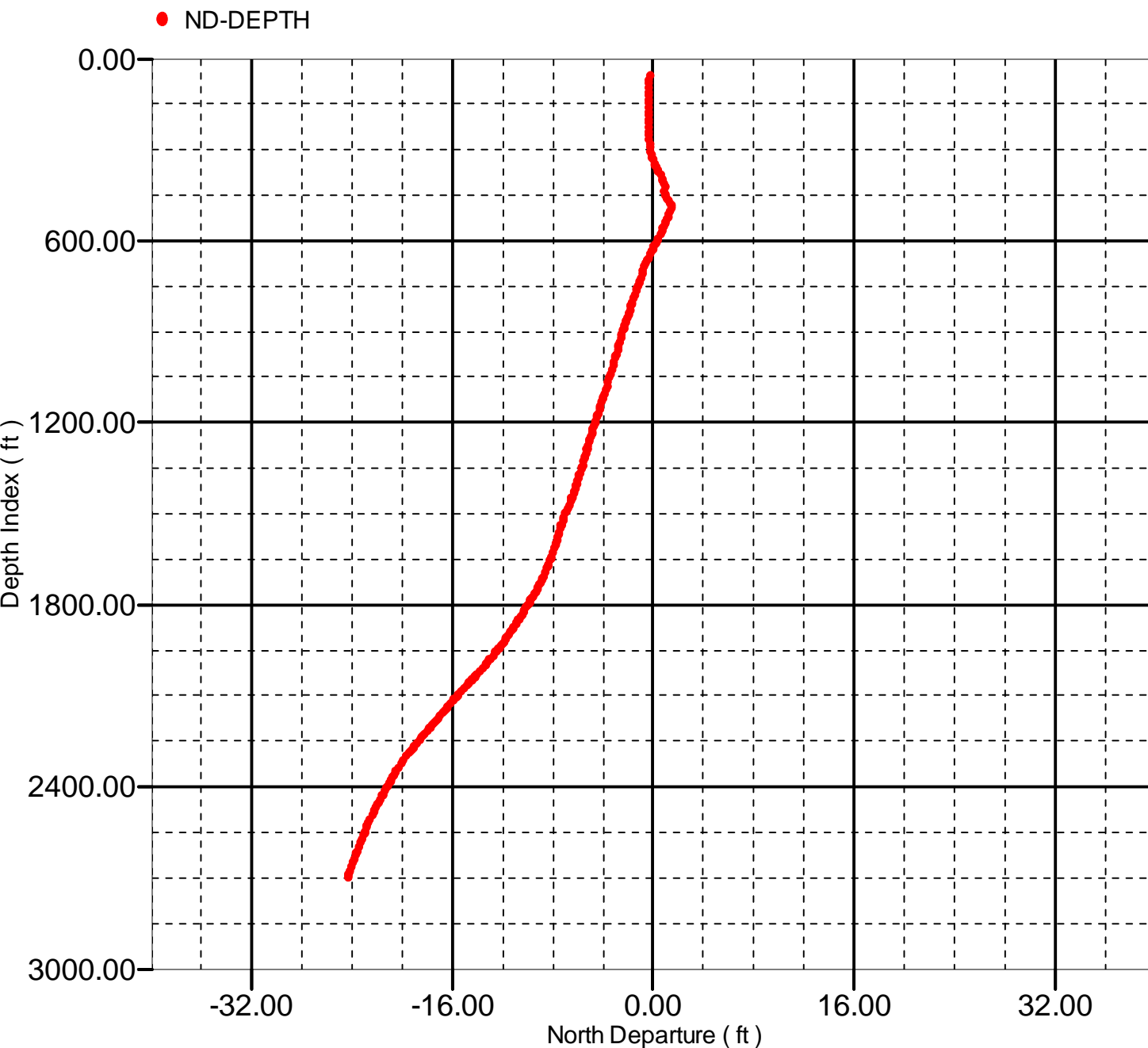




MD vs. ND

2D Cross Plot

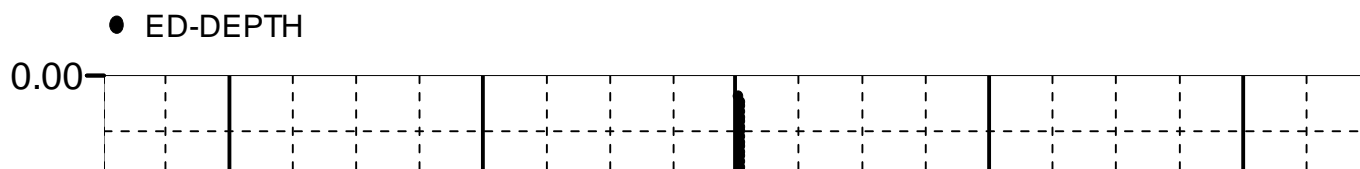
Index Range: From 2700.50 to 55.00 ft

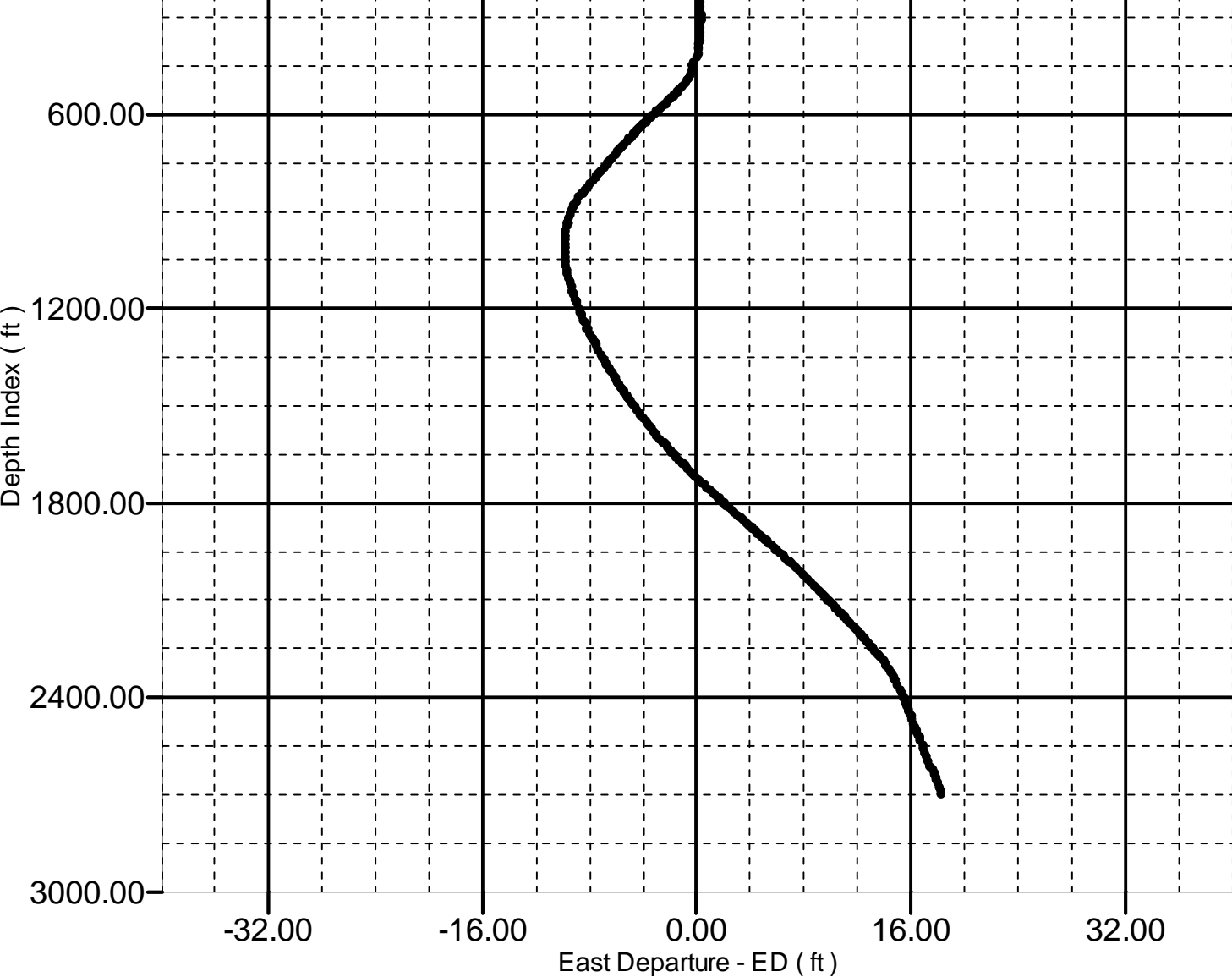


MD vs. ED

2D Cross Plot

Index Range: From 2700.50 to 55.00 ft





XYZ

Company: Omimex Petroleum Inc

Well: Sagehorn 14-34-6-45

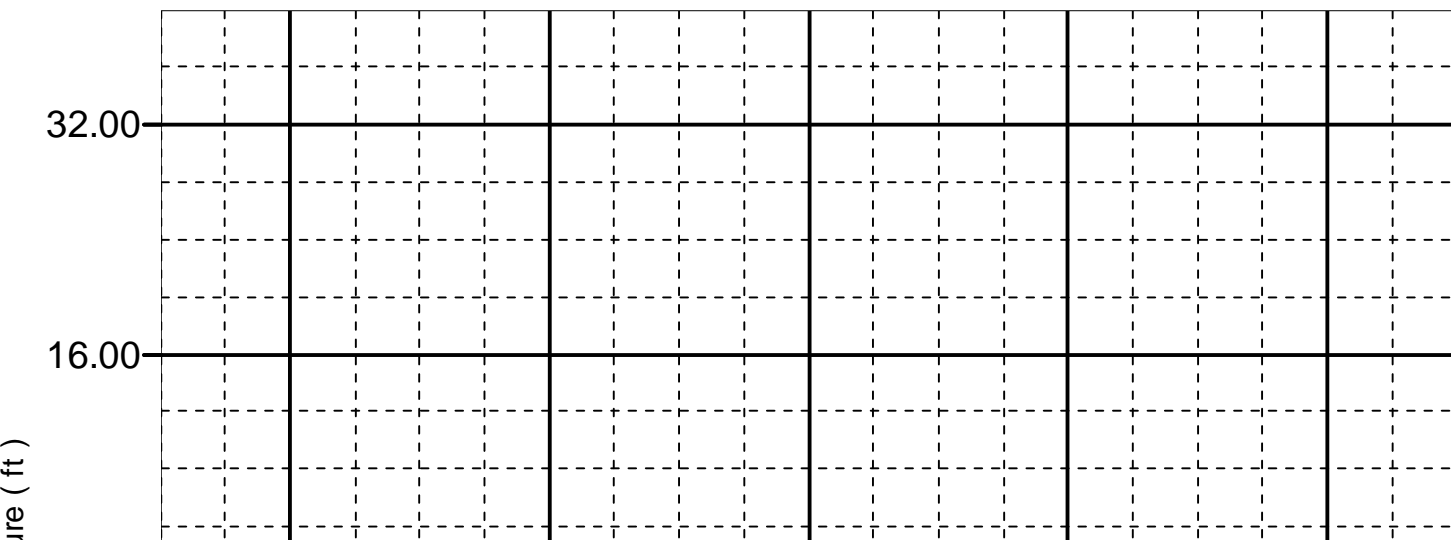
ONE: Main[3]:Up:S006

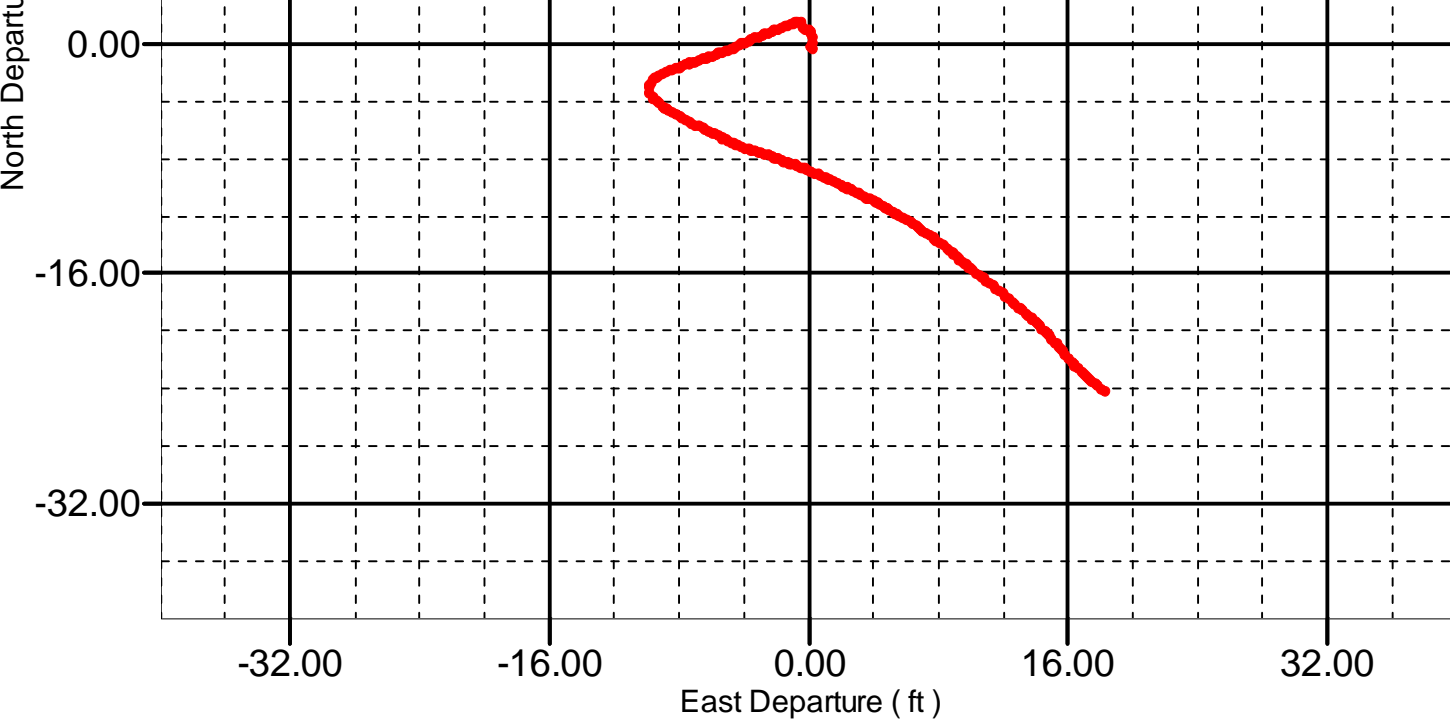
ND vs. ED

2D Cross Plot

Index Range: From 2700.50 to 55.00 ft

● ED-ND





XYZ

Company: Omimex Petroleum Inc

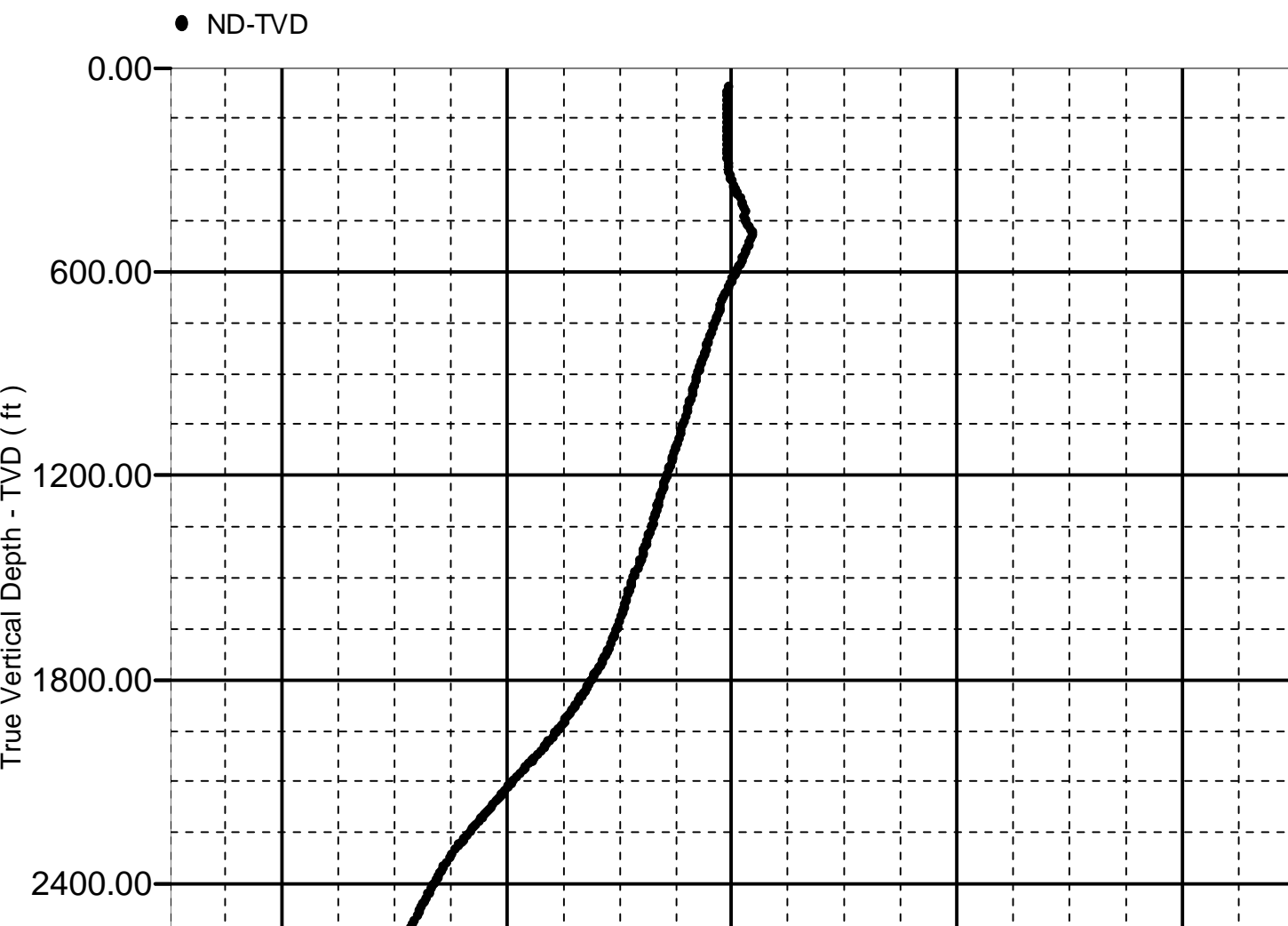
Well: Sagehorn 14-34-6-45

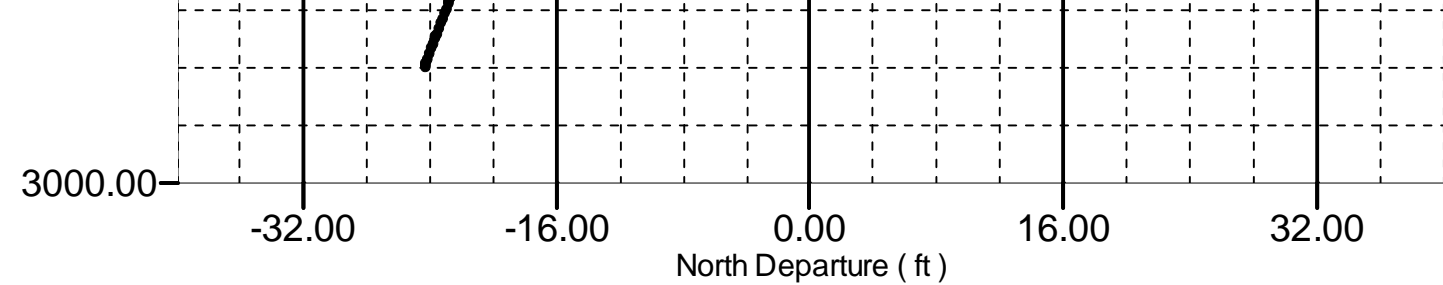
ONE: Main[3]:Up:S006

TVD vs. ND

2D Cross Plot

Index Range: From 2700.50 to 55.00 ft

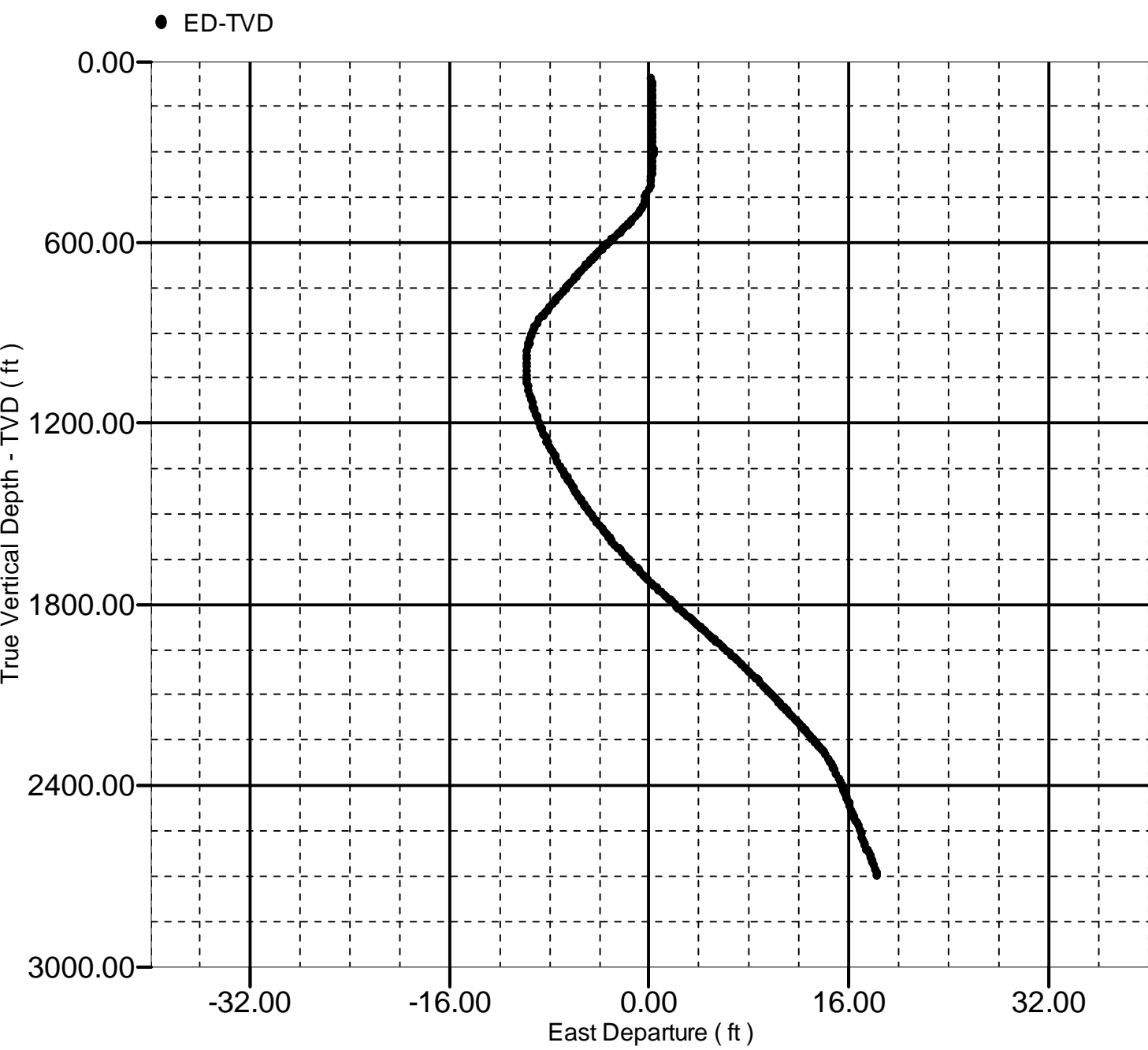




TVD vs. ED

2D Cross Plot

Index Range: From 2700.50 to 55.00 ft



Primary Equipment :

DHRU-F

DHRU-F

Signals and Temperature Correction for Accelerometers

Master (EEPROM): 00:00:00 19-Jun-2012

GPITF_ACCX_MODEL GPIT-F Accelero X Model
(Master)

	Racx**0	Racx**1
Temp**0	-0.04604	0.000648
Temp**1	0.0002442	-1.111E-07
Temp**2	4.95E-06	8.694E-10
Temp**3	-3.011E-08	-4.213E-12

GPITF_ACCY_MODEL GPIT-F Accelero Y Model
(Master)

	Racy**0	Racy**1
Temp**0	0.07228	-0.0006515
Temp**1	-0.0005499	1.107E-07
Temp**2	-1.928E-06	-8.138E-10
Temp**3	1.979E-08	3.929E-12

GPITF_ACCZ_MODEL GPIT-F Accelero Z Model
(Master)

	Racz**0	Racz**1
Temp**0	-0.01068	0.000674
Temp**1	6.915E-05	-1.263E-07
Temp**2	5.649E-06	9.01E-10
Temp**3	-3.256E-08	-4.406E-12

Perpendicular Correction for Accelerometers

Master (EEPROM): 00:00:00 19-Jun-2012

GPITF_ACC_AXIS_MODE GPIT-F Accelero Axis Model
L (Master)

	Data**0	Data**1	Data**2	Data**3	Data**4	Data**5	Data**6
Temp**0	5.086E-05	0.001242	0.00098	0.0004626	0.0003378	-0.0009081	0
Temp**1	-3.679E-06	-5.292E-06	3.909E-06	-5.014E-07	2.507E-06	3.41E-08	0

Signals and Temperature Correction for Magnetometer

Master (EEPROM): 00:00:00 19-Jun-2012

GPITF_MAGX_MODEL GPIT-F Magneto X Model
(Master)

	Rmagx**0	Rmagx**1
Temp**0	-31.11	4.857
Temp**1	1.198	-0.0007244
Temp**2	-0.0229	7.895E-06
Temp**3	7.549E-05	-2.697E-08

GPITF_MAGY_MODEL GPIT-F Magneto Y Model
(Master)

	Rmagy**0	Rmagy**1
Temp**0	2.439	-4.937
Temp**1	-0.9105	0.0007084
Temp**2	0.02504	-7.168E-06
Temp**3	-7.932E-05	2.556E-08

GPITF_MAGZ_MODEL GPIT-F Magneto Z Model (Master)		
	Rmagz**0	Rmagz**1
Temp**0	-115.4	4.858
Temp**1	1.571	-0.0006435
Temp**2	-0.02532	6.593E-06
Temp**3	8.888E-05	-2.376E-08

Perpendicular Correction for Magnetometer							
Master (EEPROM): 00:00:00 19-Jun-2012							
GPITF_MAG_AXIS_MODE GPIT-F Magneto Axis Model L (Master)							
	Data**0	Data**1	Data**2	Data**3	Data**4	Data**5	Data**6
Temp**0	-0.001447	0.001927	-0.0005626	0.003191	9.303E-05	-0.005562	0
Temp**1	-1.74E-06	7.84E-06	2.648E-06	-1.141E-07	-2.07E-06	3.898E-06	0

Master (EEPROM): 00:00:00 18-Jun-2012		
GPITF_ELEC_COEFF1 GPIT-F Electronic Coeff 1 (Master)		
	Data**0	Data**1
Temp**0	-1.073	249.7
Temp**1	-0.01643	0.02727
Temp**2	0.0005489	-0.0004816
Temp**3	-5.471E-06	3.531E-06
Temp**4	1.809E-08	-9.479E-09
GPITF_ELEC_COEFF2 GPIT-F Electronic Coeff 2 (Master)		
	Data**0	Data**1
Temp**0	0.136	250
Temp**1	-0.01832	0.01237
Temp**2	0.0005869	-0.0002261
Temp**3	-5.492E-06	1.864E-06
Temp**4	1.721E-08	-5.784E-09
GPITF_ELEC_COEFF3 GPIT-F Electronic Coeff 3 (Master)		
	Data**0	Data**1
Temp**0	-1.748	249.9
Temp**1	-0.007937	0.01933
Temp**2	0.0004218	-0.0003098
Temp**3	-4.496E-06	2.276E-06
Temp**4	1.515E-08	-6.473E-09

Master (EEPROM): 00:00:00 18-Jun-2012		
GPITF_ELEC_COEFF4 GPIT-F Electronic Coeff 4 (Master)		
	Data**0	Data**1
Temp**0	-0.2675	0.128
Temp**1	0.01725	5.684E-06
Temp**2	-0.000327	-1.234E-07

Temp**3	3.012E-06	1.109E-09
Temp**4	-9.028E-09	-3.482E-12
GPITF_ELEC_COEFF5 GPIT-F Electronic Coeff 5 (Master)		
	Data**0	Data**1
Temp**0	-0.2675	0.128
Temp**1	0.01725	5.684E-06
Temp**2	-0.000327	-1.234E-07
Temp**3	3.012E-06	1.109E-09
Temp**4	-9.028E-09	-3.482E-12
GPITF_ELEC_COEFF6 GPIT-F Electronic Coeff 6 (Master)		
	Data**0	Data**1
Temp**0	-0.2675	0.128
Temp**1	0.01725	5.684E-06
Temp**2	-0.000327	-1.234E-07
Temp**3	3.012E-06	1.109E-09
Temp**4	-9.028E-09	-3.482E-12

Well: Sagehorn 14-34-6-45
Field: Ballyneal
County: Phillips
State: Colorado

Platform Express Inclinometry Log