

Company: Ominex Petroleum Inc.

Well: Bledsoe 12-6-5-44

Field: Ballyneal

County: Yuma State: Colorado

Directional Survey

GPIT

Location:		Sec. 6, Twp. 5N, Rng. 44W	Elev.	K.B.	3759.50 ft
		FSL 1981' x FWL 861'		G.L.	3753.50 ft
		Lat: 40.430400, Long: -102.317290		D.F.	3758.50 ft
Permanent Datum:	Ground Level	Elev.:		3753.50 f	
Log Measured From:	Kelly Bushing	6.00 ft		above Perm.Datum	
Drilling Measured From:	Kelly Bushing				
API Serial No.	Section:	Township:	Range:		
05-125-11965-0000	6	5N	44W		

Logging Date	27-Jan-2013	
Run Number	Run 1	
Depth Driller	2637.00 ft	
Schlumberger Depth	2632.00 ft	
Bottom Log Interval	2632.00 ft	
Top Log Interval	472.00 ft	
Casing Driller Size @ Depth	7 in @ 462.00 ft	
Casing Schlumberger	472 ft	
Bit Size	6.25 in	
Type Fluid In Hole	Fresh Water	
Density	8.6 lbm/gal	32 s
Fluid Loss	PH	
MUD		
Source of Sample	Active Tank	
RM @ Meas Temp	0.19 ohm.m @ 74.6 degF	
RMF @ Meas Temp	0.14 ohm.m @ 74.6 degF	
RMC @ Meas Temp	0.24 ohm.m @ 74.6 degF	
Source RMF	Calculated	
RM @ BHT	0.07 @ 212 0.05 @ 212	
Max Recorded Temperatures	108 degF	
Circulation Stopped	28-Jan-2013 11:15:00	
Logger on Bottom	28-Jan-2013 14:50:29	
Unit Number	3030	
Recorded By	Arvin Shi/Max Pace	
Witnessed By	Paul Dekaye	

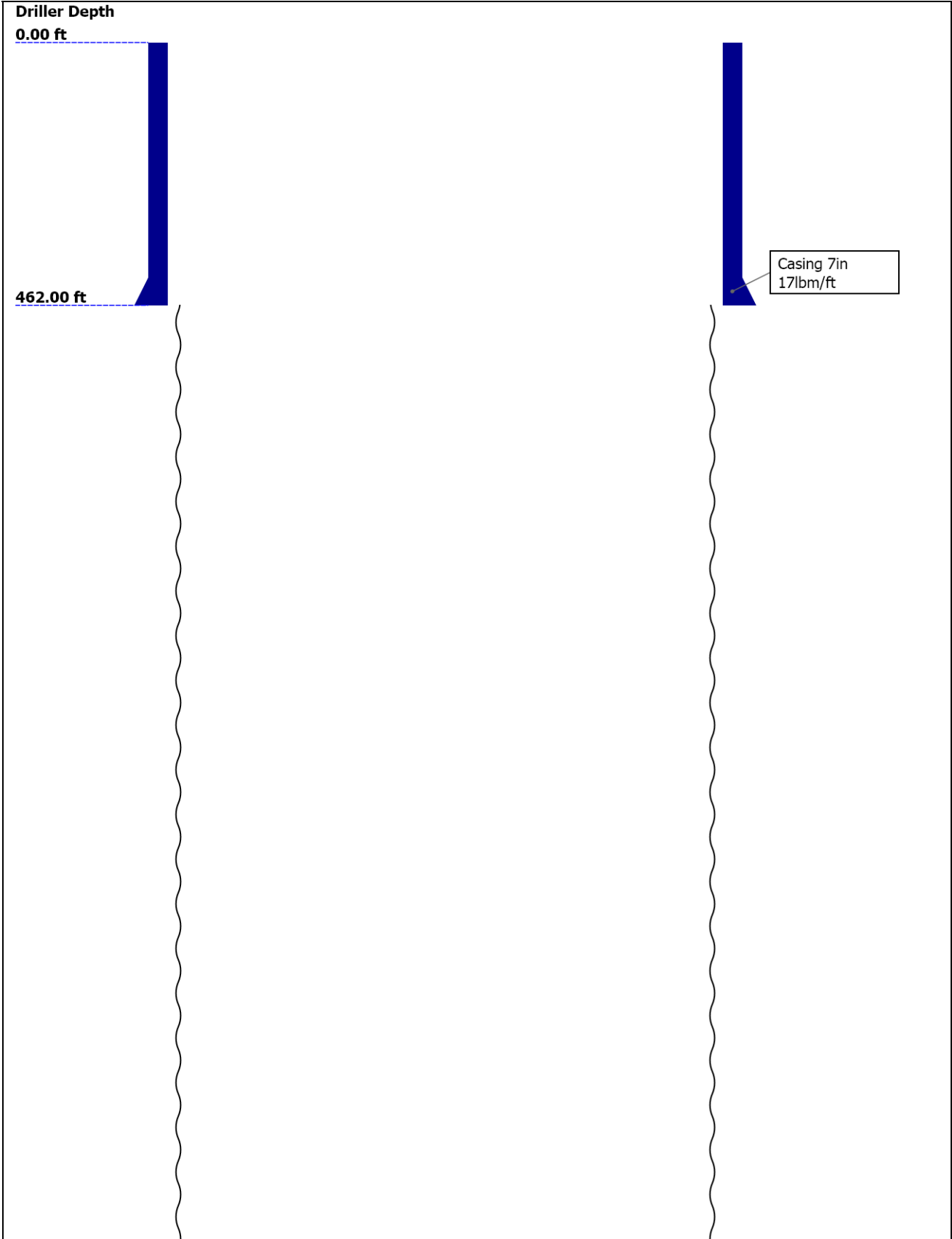
Disclaimer

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Well Sketch





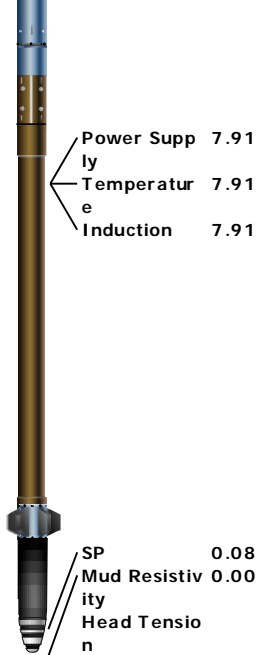
Borehole Size/Casing/Tubing Record						
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Bit						
Bit Size (in)	6.25					
Top Driller (ft)	462					
Top Logger (ft)	462					
Bottom Driller (ft)	2637					
Bottom Logger (ft)	2632					
Casing						
Size (in)	7					
Weight (lbm/ft)	17					
Inner Diameter (in)	6.54					
Top Driller (ft)	0					
Top Logger (ft)	0					
Bottom Driller (ft)	462					
Bottom Logger (ft)	472					

Operational Run Summary						
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Parameter (unit)	Run 1					
Date Log Started	27-Jan-2013					
Time Log Started	13:54:18					
Date Log Finished	27-Jan-2013					
Time Log Finished	15:33:47					
Top Log Interval (ft)						
Bottom Log Interval (ft)						
Total Depth (ft)	2632.00					
Max Hole Deviation (deg)						
Azimuth of Max Deviation (deg)						
Bit Size (in)	6.250					
Logging Unit Number	3030					
Logging Unit Location	Fort Morgan, CO					
Recorded By	Arvin Shi/Max Pace					
Witnessed By	Paul Dekaye					
Service Order Number	C6VJ-00045					

Remarks and Equipment Summary					
Run 1: Toolstring				Run 1: Remarks	
Equip name	Length	MP name	Offset		
LEH-QT	55.57				
LEH-QT					
EDTC-B	52.65				
EDTH-B					
EDTG-A					
EDTC-B					
		CTEM	49.15		
		ACCZ	0.00		
		HV	0.00		
		Gamma Ray	47.28		
		TelStatus	46.15		
A daptor_Head	46.15				
GPIT-F:1881	41.65				
GPIH-B					
GPIC-F:1881		GPIT-F Incl	40.23		
DHRU-F		inometer			
HGNS-H:4779	37.65	GPIT	0.00		
HGNH:3826		Temperatur	37.62		
NSR-F:5215		e			
NPV-N		GR	36.91		
HMCA-H					
HGNS-H:4779					
HACCZ-H:5736					
		CNL Porosit	30.57		
		y			
		HGNS	28.24		
		HMCA	28.24		
		Accelerome	0.00		
		ter			
HDRS-H:3863	28.24				
ECH-MEB:2898					
HRCC-H:3828					
HRMS-H:3863					
HRGD-H:3870					
Short Spacing					
Backscatter					
GSR-J:5471		HRCC	24.24		
Long Spacing:28					
620					
GPV-Q					
		MCFL	18.81		
		Caliper	18.33		
		TLD Density	17.94		
AIT-H:216	16.00				
AHIS:216					
AHRM:216					



Lengths are in ft
Maximum Outer Diameter = 5.000 in
Line: Sensor Location, Value: Gating Offset
All measurements are relative to TOOL_ZERO

Depth Summary

Depth Control Parameters	Run 1		
Conveyance Type	Wireline		
Rig Type	Land		
Depth Measuring Device	Run 1		
Type	IDW-B		
Wheel Correction 1	1		
Wheel Correction 2	0		
Tension Device	Run 1		
Type	CMTD-B/A		
Calibration Points	0		
Logging Cable	Run 1		
Type	7-46NT-XS		
Logging Cable Length (ft)	24000.00		

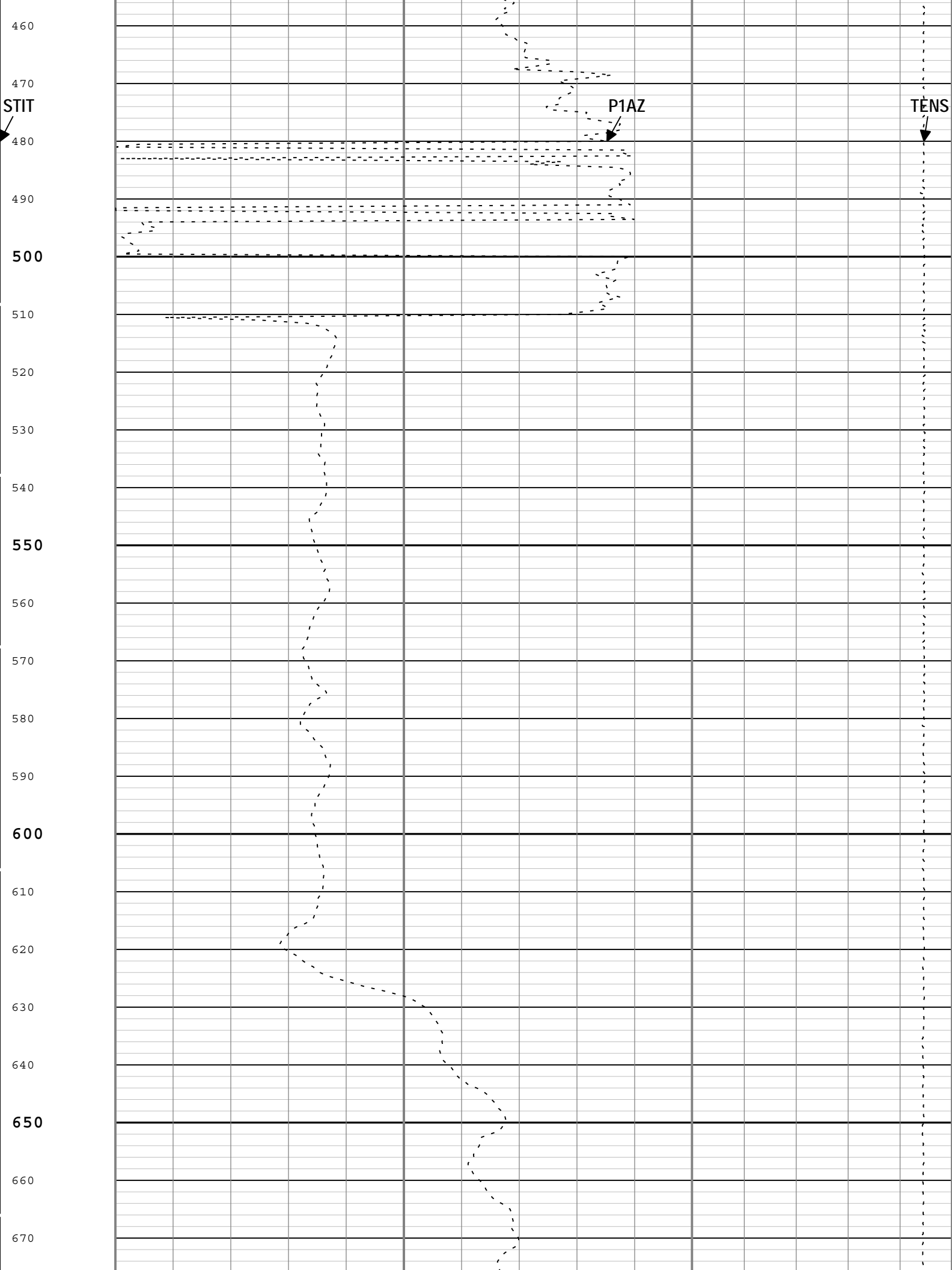
Survey Record

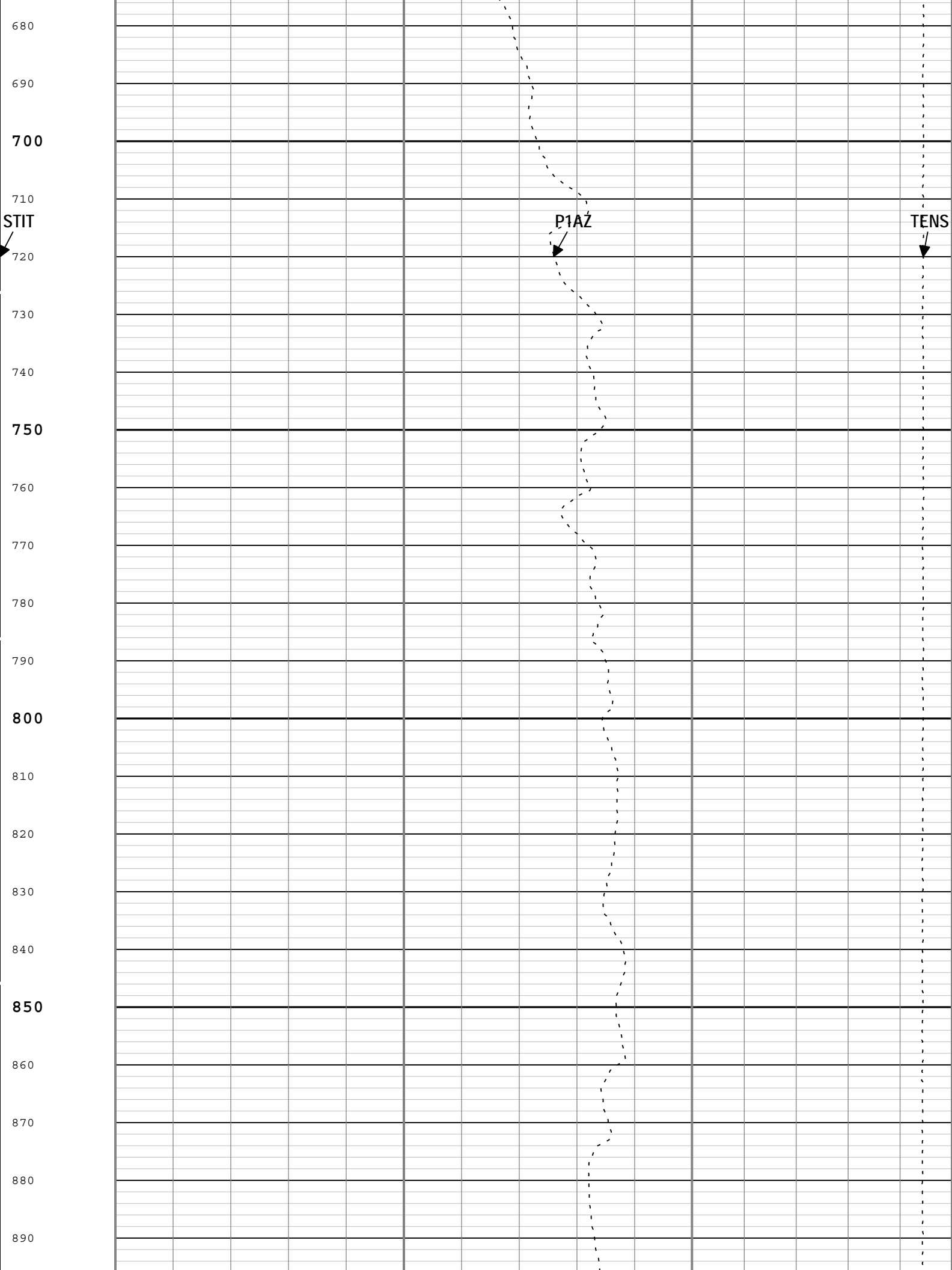
Survey Calculation					
Method :		Minimum Radius of Curvature		DLS Method :	
North Reference :		True North		Total Correction Formula :	
				Lubinski	
				Magnetic Dec	
Rig Location					
Latitude :		40.430400 degrees		Longitude :	
				-102.31729 degrees	
Tie In Point					
Measured Depth:		0.00 ft	Inclination:	0.00 deg	Azimuth:
					0.00 deg
True Vertical Depth:		0.00 ft	North Displacement:	-1981.00 ft	East Displacement:
					-861.00 ft
Survey Quality Index					
9 : Manual		28 : Tie-In Point			
Survey Correction Index					
0 : No correction					
Survey Description Index					
0 : Not Flagged Survey					

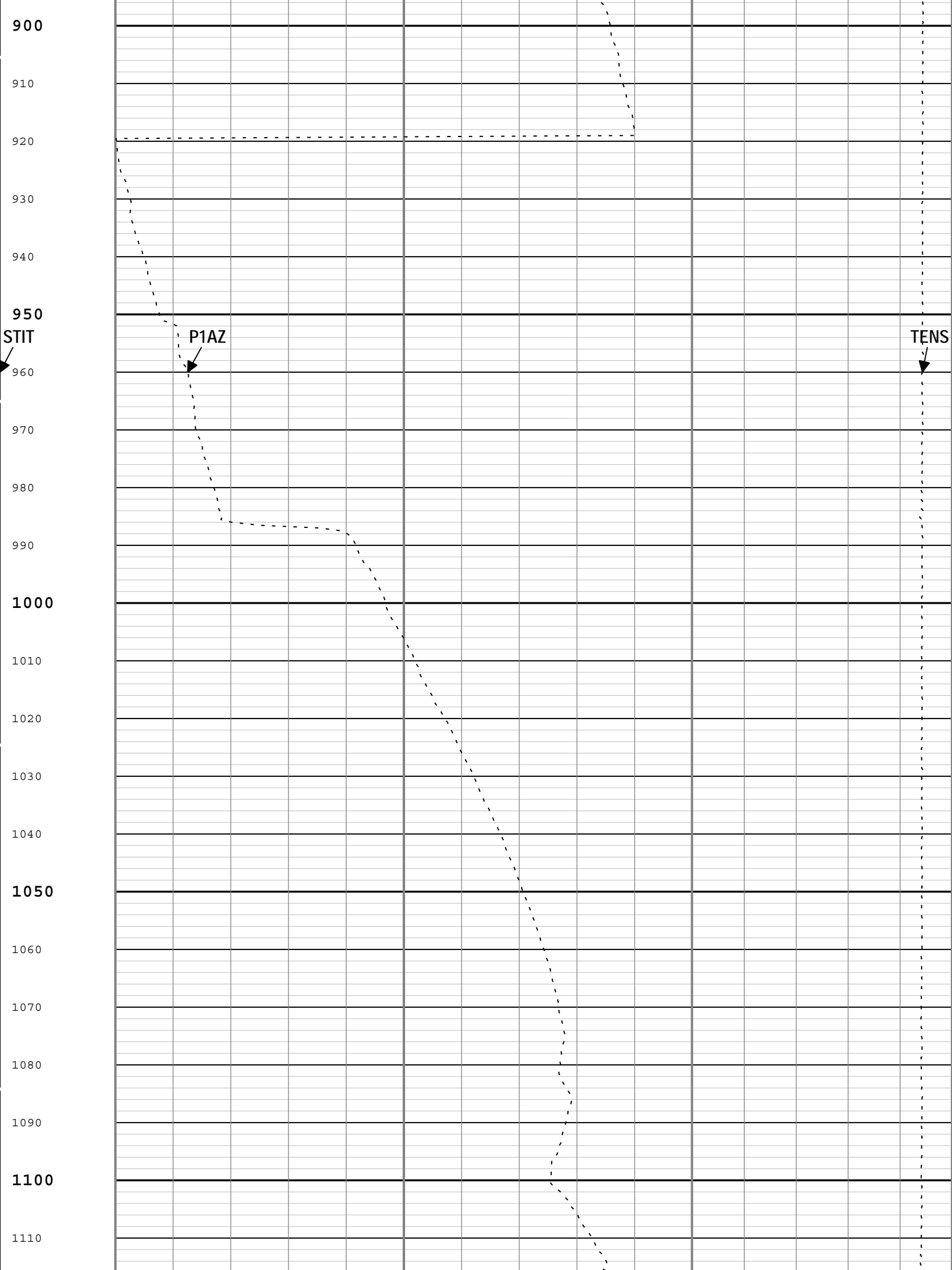
Seq	MD (ft)	Incl (deg)	Azim (deg)	Course (ft)	TVD (ft)	V Sec (ft)	N/ -S (ft)	E/ -W (ft)	Closure (ft)	at Azim (deg)	DLS deg/100ft	Tool Type	QI	CI	DI
1	0.00	0.00	0.00	----	0.00	-1981.00	-1981.00	-861.00	2160.01	203.49	0.00	TIP	28	0	0
2	410.50	0.07	352.60	410.50	410.50	-1980.76	-1980.76	-861.03	2159.81	203.49	0.02	GPIT-F	9	0	0

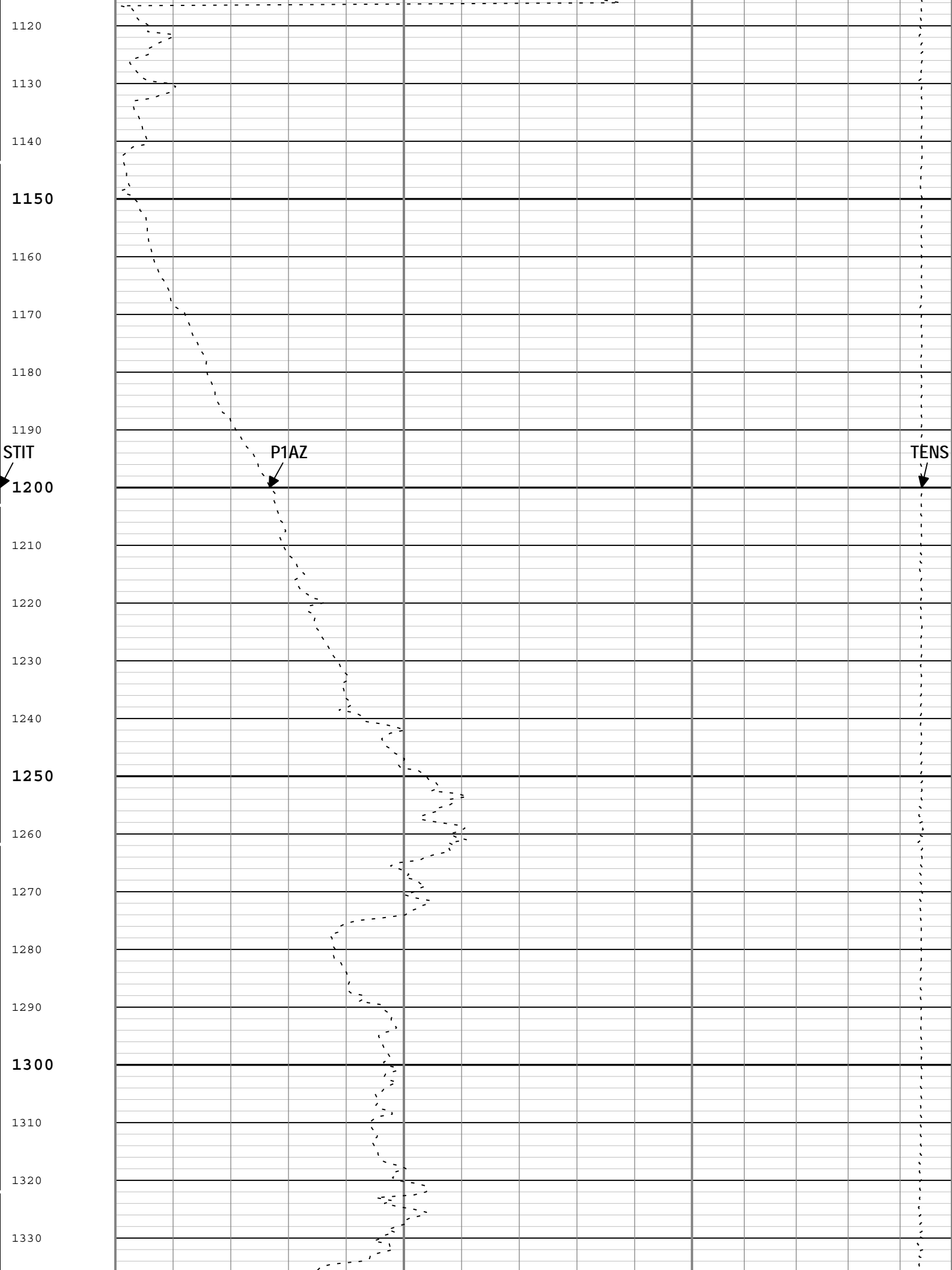
3	440.50	0.05	97.26	30.00	440.50	-1980.74	-1980.74	-861.02	2159.78	203.49	0.31	GPIT-F	9	0	0
4	470.50	0.04	206.58	30.00	470.50	-1980.75	-1980.75	-861.01	2159.81	203.49	0.23	GPIT-F	9	0	0
5	500.50	0.06	305.74	30.00	500.50	-1980.75	-1980.75	-861.03	2159.81	203.49	0.25	GPIT-F	9	0	0
6	530.50	0.03	350.26	30.00	530.50	-1980.74	-1980.74	-861.04	2159.81	203.50	0.14	GPIT-F	9	0	0
7	560.50	0.08	329.06	30.00	560.50	-1980.71	-1980.71	-861.06	2159.78	203.50	0.20	GPIT-F	9	0	0
8	590.50	0.23	280.31	30.00	590.50	-1980.68	-1980.68	-861.13	2159.78	203.50	0.62	GPIT-F	9	0	0
9	620.50	0.34	292.31	30.00	620.50	-1980.64	-1980.64	-861.27	2159.81	203.50	0.43	GPIT-F	9	0	0
10	650.50	0.44	312.75	30.00	650.50	-1980.52	-1980.52	-861.44	2159.74	203.51	0.55	GPIT-F	9	0	0
11	680.50	0.42	316.43	30.00	680.50	-1980.37	-1980.37	-861.60	2159.68	203.51	0.11	GPIT-F	9	0	0
12	710.50	0.43	329.75	30.00	710.50	-1980.19	-1980.19	-861.73	2159.58	203.52	0.33	GPIT-F	9	0	0
13	740.50	0.41	338.44	30.00	740.50	-1980.00	-1980.00	-861.82	2159.42	203.52	0.22	GPIT-F	9	0	0
14	770.50	0.40	342.14	30.00	770.50	-1979.80	-1979.80	-861.89	2159.28	203.53	0.09	GPIT-F	9	0	0
15	800.50	0.39	347.32	30.00	800.49	-1979.60	-1979.60	-861.95	2159.12	203.53	0.13	GPIT-F	9	0	0
16	830.50	0.39	341.86	30.00	830.49	-1979.40	-1979.40	-862.00	2158.96	203.53	0.13	GPIT-F	9	0	0
17	860.50	0.36	342.02	30.00	860.49	-1979.21	-1979.21	-862.06	2158.79	203.54	0.08	GPIT-F	9	0	0
18	890.50	0.33	359.65	30.00	890.49	-1979.04	-1979.04	-862.09	2158.66	203.54	0.37	GPIT-F	9	0	0
19	920.50	0.27	28.79	30.00	920.49	-1978.89	-1978.89	-862.06	2158.50	203.54	0.54	GPIT-F	9	0	0
20	950.50	0.11	170.04	30.00	950.49	-1978.86	-1978.86	-862.02	2158.46	203.54	1.21	GPIT-F	9	0	0
21	980.50	0.15	256.68	30.00	980.49	-1978.89	-1978.89	-862.06	2158.50	203.54	0.61	GPIT-F	9	0	0
22	1010.50	0.23	305.30	30.00	1010.49	-1978.87	-1978.87	-862.14	2158.53	203.54	0.57	GPIT-F	9	0	0
23	1040.50	0.26	330.62	30.00	1040.49	-1978.77	-1978.77	-862.23	2158.46	203.54	0.38	GPIT-F	9	0	0
24	1070.50	0.30	340.50	30.00	1070.49	-1978.64	-1978.64	-862.29	2158.37	203.55	0.19	GPIT-F	9	0	0
25	1100.50	0.27	12.34	30.00	1100.49	-1978.50	-1978.50	-862.30	2158.23	203.55	0.53	GPIT-F	9	0	0
26	1130.50	0.26	27.93	30.00	1130.49	-1978.37	-1978.37	-862.25	2158.10	203.55	0.25	GPIT-F	9	0	0
27	1160.50	0.19	65.22	30.00	1160.49	-1978.29	-1978.29	-862.17	2158.01	203.55	0.53	GPIT-F	9	0	0
28	1190.50	0.09	107.25	30.00	1190.49	-1978.27	-1978.27	-862.10	2157.97	203.55	0.46	GPIT-F	9	0	0
29	1220.50	0.18	275.81	30.00	1220.49	-1978.27	-1978.27	-862.13	2157.97	203.55	0.88	GPIT-F	9	0	0
30	1250.50	0.05	169.89	30.00	1250.49	-1978.28	-1978.28	-862.17	2158.01	203.55	0.65	GPIT-F	9	0	0
31	1280.50	0.10	258.65	30.00	1280.49	-1978.30	-1978.30	-862.20	2158.01	203.55	0.38	GPIT-F	9	0	0
32	1310.50	0.04	131.43	30.00	1310.49	-1978.31	-1978.31	-862.22	2158.04	203.55	0.43	GPIT-F	9	0	0
33	1340.50	0.11	280.69	30.00	1340.49	-1978.31	-1978.31	-862.24	2158.04	203.55	0.46	GPIT-F	9	0	0
34	1370.50	0.15	310.16	30.00	1370.49	-1978.28	-1978.28	-862.29	2158.04	203.55	0.26	GPIT-F	9	0	0
35	1400.50	0.14	84.83	30.00	1400.49	-1978.25	-1978.25	-862.29	2158.01	203.55	0.89	GPIT-F	9	0	0
36	1430.50	0.09	90.01	30.00	1430.49	-1978.25	-1978.25	-862.23	2157.97	203.55	0.16	GPIT-F	9	0	0
37	1460.50	0.09	67.84	30.00	1460.49	-1978.24	-1978.24	-862.19	2157.97	203.55	0.11	GPIT-F	9	0	0
38	1490.50	0.06	34.91	30.00	1490.49	-1978.22	-1978.22	-862.15	2157.94	203.55	0.17	GPIT-F	9	0	0
39	1520.50	0.08	65.40	30.00	1520.49	-1978.19	-1978.19	-862.13	2157.91	203.55	0.14	GPIT-F	9	0	0
40	1550.50	0.13	91.51	30.00	1550.49	-1978.19	-1978.19	-862.07	2157.87	203.55	0.23	GPIT-F	9	0	0
41	1580.50	0.11	52.82	30.00	1580.49	-1978.17	-1978.17	-862.01	2157.84	203.55	0.28	GPIT-F	9	0	0
42	1610.50	0.18	26.46	30.00	1610.49	-1978.11	-1978.11	-861.97	2157.74	203.55	0.31	GPIT-F	9	0	0
43	1640.50	0.15	61.57	30.00	1640.49	-1978.05	-1978.05	-861.91	2157.68	203.54	0.35	GPIT-F	9	0	0
44	1670.50	0.11	38.91	30.00	1670.49	-1978.01	-1978.01	-861.86	2157.61	203.54	0.22	GPIT-F	9	0	0
45	1700.50	0.15	82.16	30.00	1700.49	-1977.98	-1977.98	-861.80	2157.58	203.54	0.35	GPIT-F	9	0	0
46	1730.50	0.23	93.81	30.00	1730.49	-1977.98	-1977.98	-861.70	2157.51	203.54	0.27	GPIT-F	9	0	0
47	1760.50	0.16	72.30	30.00	1760.49	-1977.97	-1977.97	-861.60	2157.48	203.54	0.33	GPIT-F	9	0	0
48	1790.50	0.24	84.06	30.00	1790.49	-1977.95	-1977.95	-861.50	2157.41	203.54	0.30	GPIT-F	9	0	0
49	1820.50	0.23	93.29	30.00	1820.49	-1977.95	-1977.95	-861.38	2157.38	203.53	0.13	GPIT-F	9	0	0
50	1850.50	0.27	83.24	30.00	1850.49	-1977.94	-1977.94	-861.25	2157.32	203.53	0.19	GPIT-F	9	0	0
51	1880.50	0.22	90.29	30.00	1880.49	-1977.93	-1977.93	-861.12	2157.25	203.53	0.21	GPIT-F	9	0	0
52	1910.50	0.21	107.21	30.00	1910.49	-1977.95	-1977.95	-861.01	2157.22	203.52	0.21	GPIT-F	9	0	0
53	1940.50	0.16	92.39	30.00	1940.49	-1977.97	-1977.97	-860.92	2157.22	203.52	0.23	GPIT-F	9	0	0
54	1970.50	0.20	99.14	30.00	1970.49	-1977.98	-1977.98	-860.82	2157.19	203.52	0.15	GPIT-F	9	0	0
55	2000.50	0.22	125.74	30.00	2000.49	-1978.02	-1978.02	-860.73	2157.19	203.52	0.32	GPIT-F	9	0	0
56	2030.50	0.13	121.91	30.00	2030.49	-1978.07	-1978.07	-860.65	2157.19	203.51	0.30	GPIT-F	9	0	0

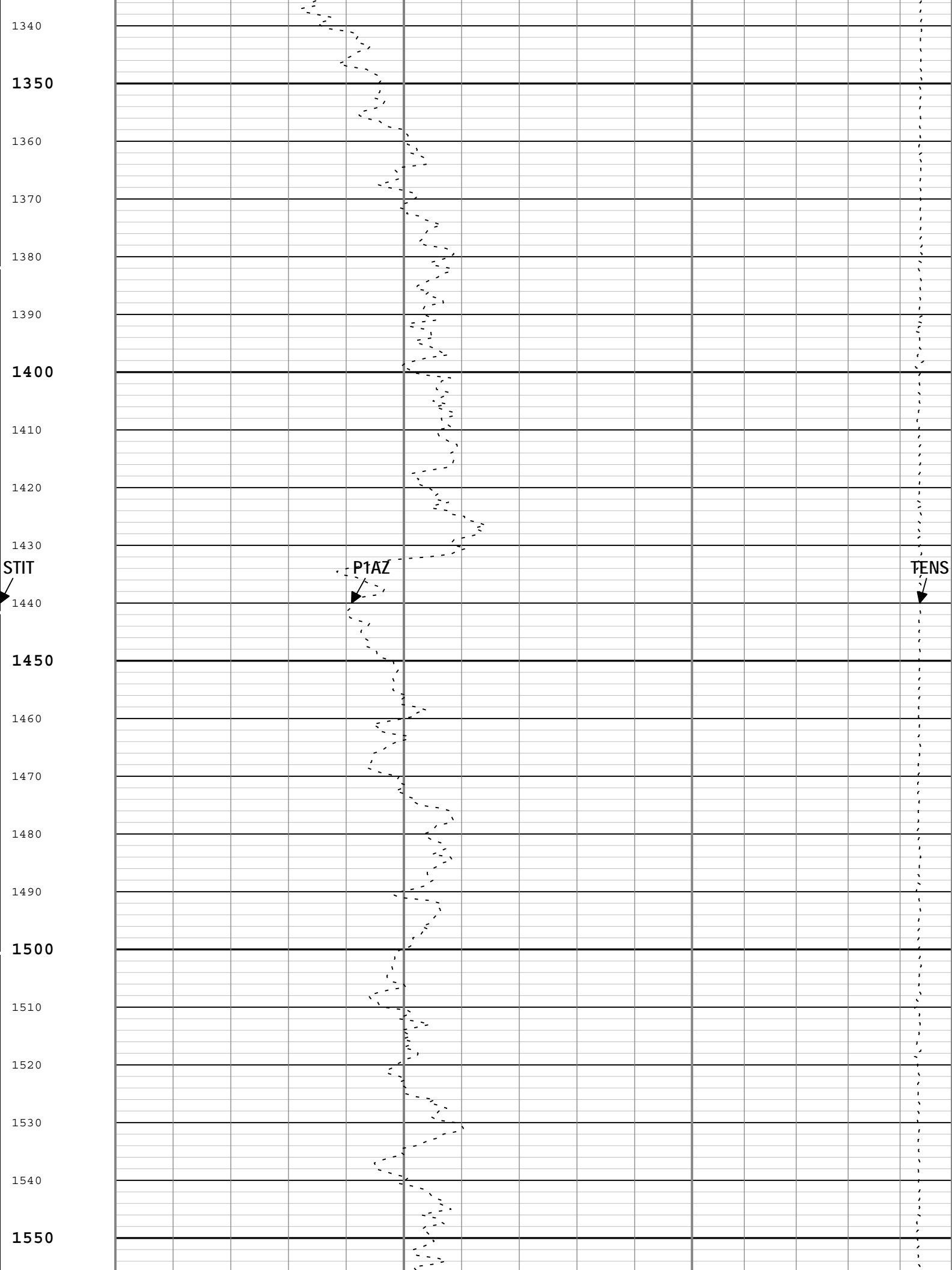
57	2060.50	0.19	96.60	30.00	2060.49	-1978.09	-1978.09	-860.57	2157.19	203.51	0.32	GPIT-F	9	0	0
58	2090.50	0.21	101.21	30.00	2090.49	-1978.11	-1978.11	-860.47	2157.15	203.51	0.08	GPIT-F	9	0	0
59	2120.50	0.28	118.12	30.00	2120.49	-1978.16	-1978.16	-860.35	2157.15	203.51	0.33	GPIT-F	9	0	0
60	2150.50	0.25	105.50	30.00	2150.49	-1978.21	-1978.21	-860.22	2157.15	203.50	0.21	GPIT-F	9	0	0
61	2180.50	0.27	120.05	30.00	2180.49	-1978.26	-1978.26	-860.10	2157.15	203.50	0.23	GPIT-F	9	0	0
62	2210.50	0.33	112.04	30.00	2210.49	-1978.33	-1978.33	-859.96	2157.15	203.49	0.24	GPIT-F	9	0	0
63	2240.50	0.42	116.96	30.00	2240.49	-1978.41	-1978.41	-859.78	2157.15	203.49	0.33	GPIT-F	9	0	0
64	2270.50	0.54	115.93	30.00	2270.48	-1978.52	-1978.52	-859.55	2157.19	203.48	0.40	GPIT-F	9	0	0
65	2300.50	0.66	112.42	30.00	2300.48	-1978.65	-1978.65	-859.26	2157.19	203.47	0.42	GPIT-F	9	0	0
66	2330.50	0.76	105.11	30.00	2330.48	-1978.77	-1978.77	-858.91	2157.15	203.46	0.45	GPIT-F	9	0	0
67	2360.50	0.90	95.15	30.00	2360.48	-1978.84	-1978.84	-858.48	2157.05	203.45	0.66	GPIT-F	9	0	0
68	2390.50	1.05	83.66	30.00	2390.47	-1978.83	-1978.83	-857.98	2156.82	203.44	0.83	GPIT-F	9	0	0
69	2420.50	1.26	72.60	30.00	2420.47	-1978.70	-1978.70	-857.39	2156.46	203.43	1.02	GPIT-F	9	0	0
70	2450.50	1.36	70.67	30.00	2450.46	-1978.49	-1978.49	-856.73	2156.00	203.41	0.36	GPIT-F	9	0	0
71	2480.50	1.41	65.76	30.00	2480.45	-1978.22	-1978.22	-856.06	2155.51	203.40	0.42	GPIT-F	9	0	0
72	2510.50	1.44	63.92	30.00	2510.44	-1977.90	-1977.90	-855.39	2154.95	203.39	0.19	GPIT-F	9	0	0
73	2540.50	1.38	61.92	30.00	2540.43	-1977.56	-1977.56	-854.73	2154.36	203.37	0.26	GPIT-F	9	0	0
74	2570.50	1.38	63.60	30.00	2570.42	-1977.23	-1977.23	-854.09	2153.81	203.36	0.14	GPIT-F	9	0	0
75	2600.50	1.26	68.18	30.00	2600.42	-1976.95	-1976.95	-853.46	2153.31	203.35	0.53	GPIT-F	9	0	0
Run 1															
Integration Summary															
Output Channel(s)		Output Description				Input Parameter				Output Value		Unit			
Pass Summary															
Run Name	Pass Objective		Direction	Top	Bottom	Start				Stop		Depth Shift	Include Parallel Data		
Run 1	Log[5]:Up		Up	426.63 ft	2640.71 ft	27-Jan-2013 2:50:49 PM				27-Jan-2013 3:32:02 PM		0.00 ft			
All depths are referenced to toolstring zero															
LogRun 1: Log[5]:Up															
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: 27-Jan-2013 16:00:26															
TIME_1900 - Time Marked every 60.00 (s)															
		Hole Azimuth Relative to True North (HAZI) GPIT-F													
		0 deg 400													
		0 Absent (SDEV lower than PADT) 0													
		1 Present (SDEV greater than PADT) 1													
Stuck Tool Indicator, Total (STIT)		Pad 1 Azimuth in Horizontal Plane (0 = True North) (P1AZ) GPIT-F													
		0 deg 400													
		Relative Bearing (RB) GPIT-F													
0 ft 50	0 deg 400														
Cable Drag		0 Absent (SDEV lower than PADT) 0													
		1 Present (SDEV greater than PADT) 1													
430		Cable Tension (TENS)													
		10000 lbf 0													
440															
450															

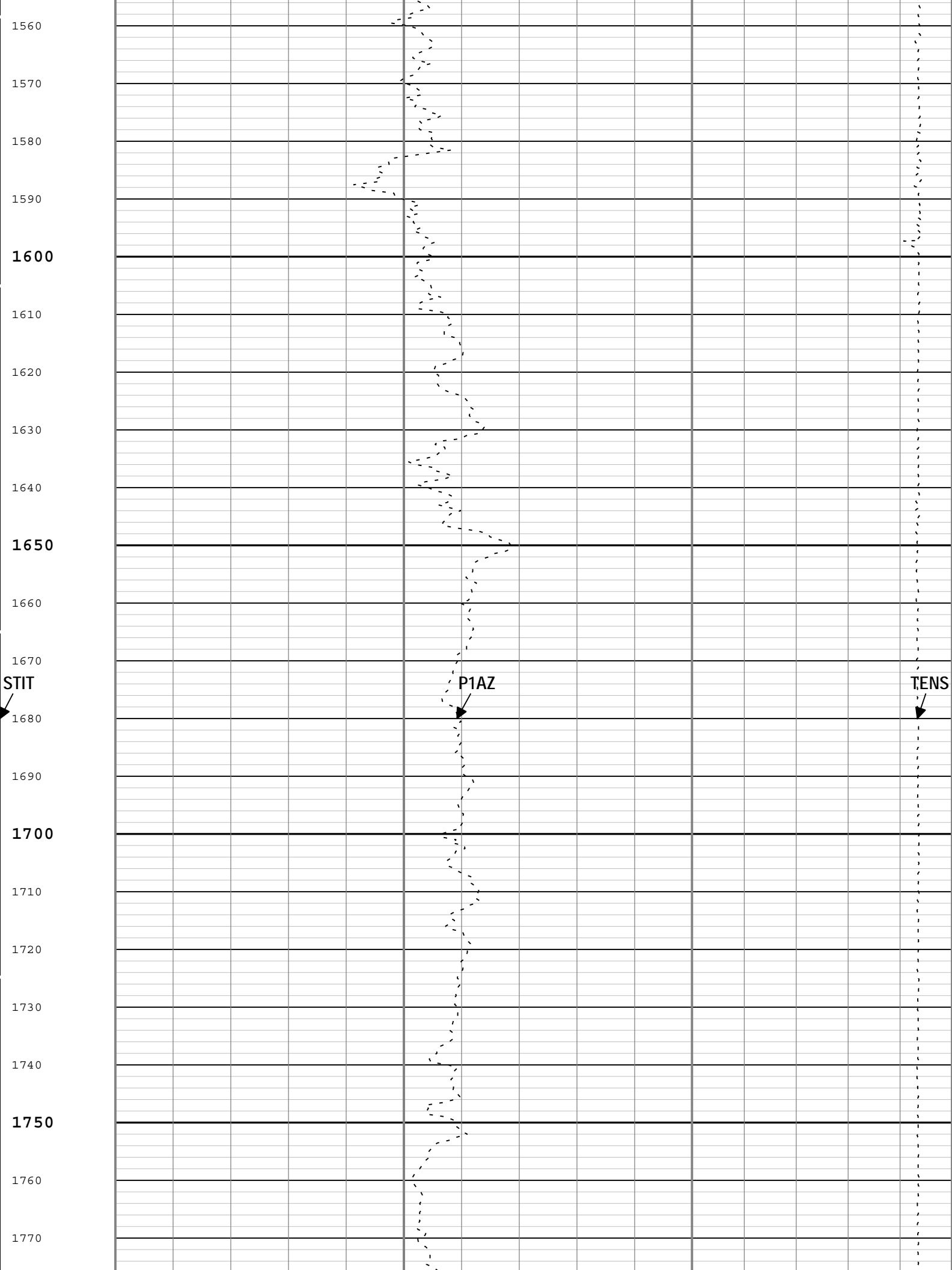


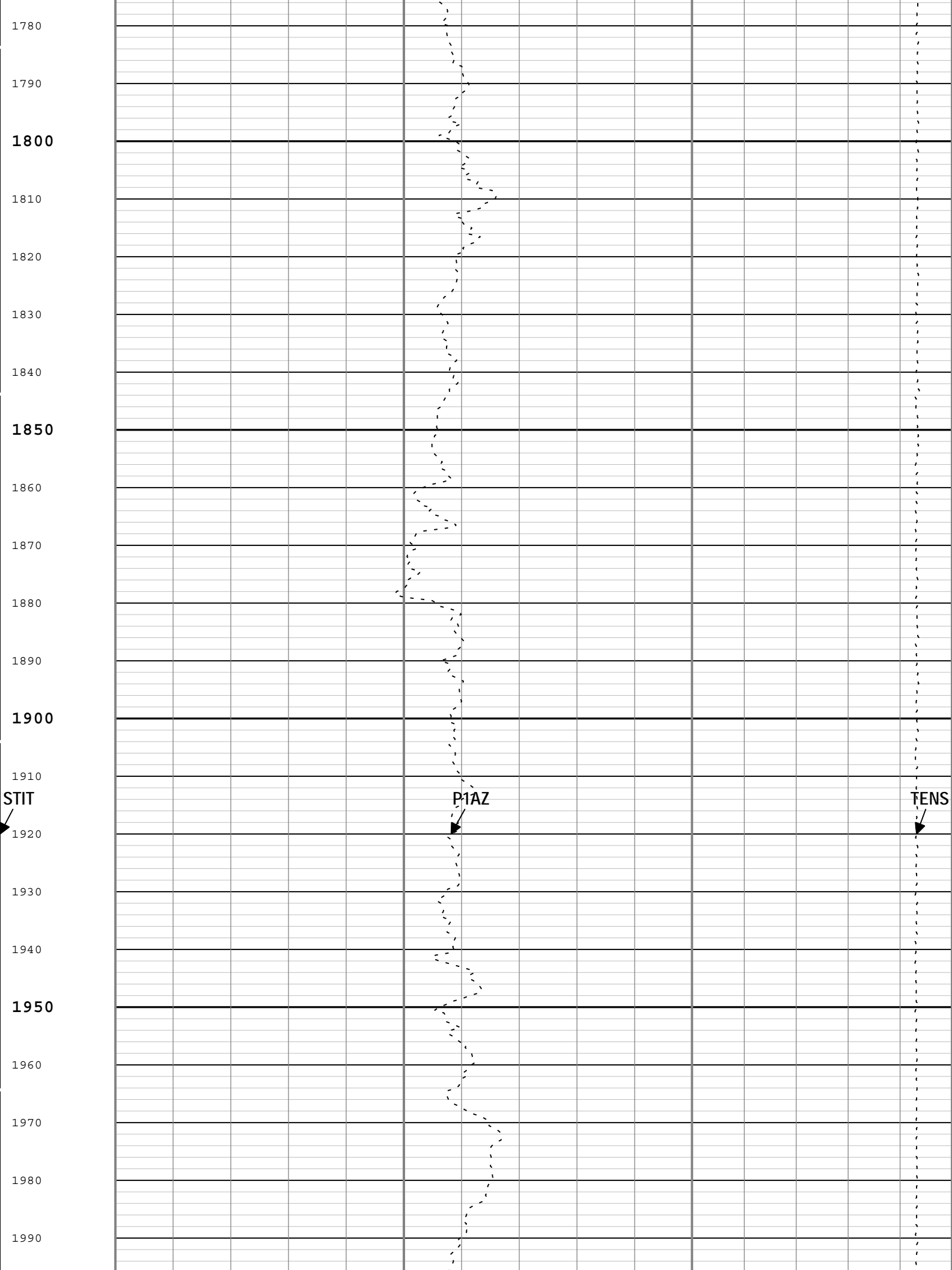


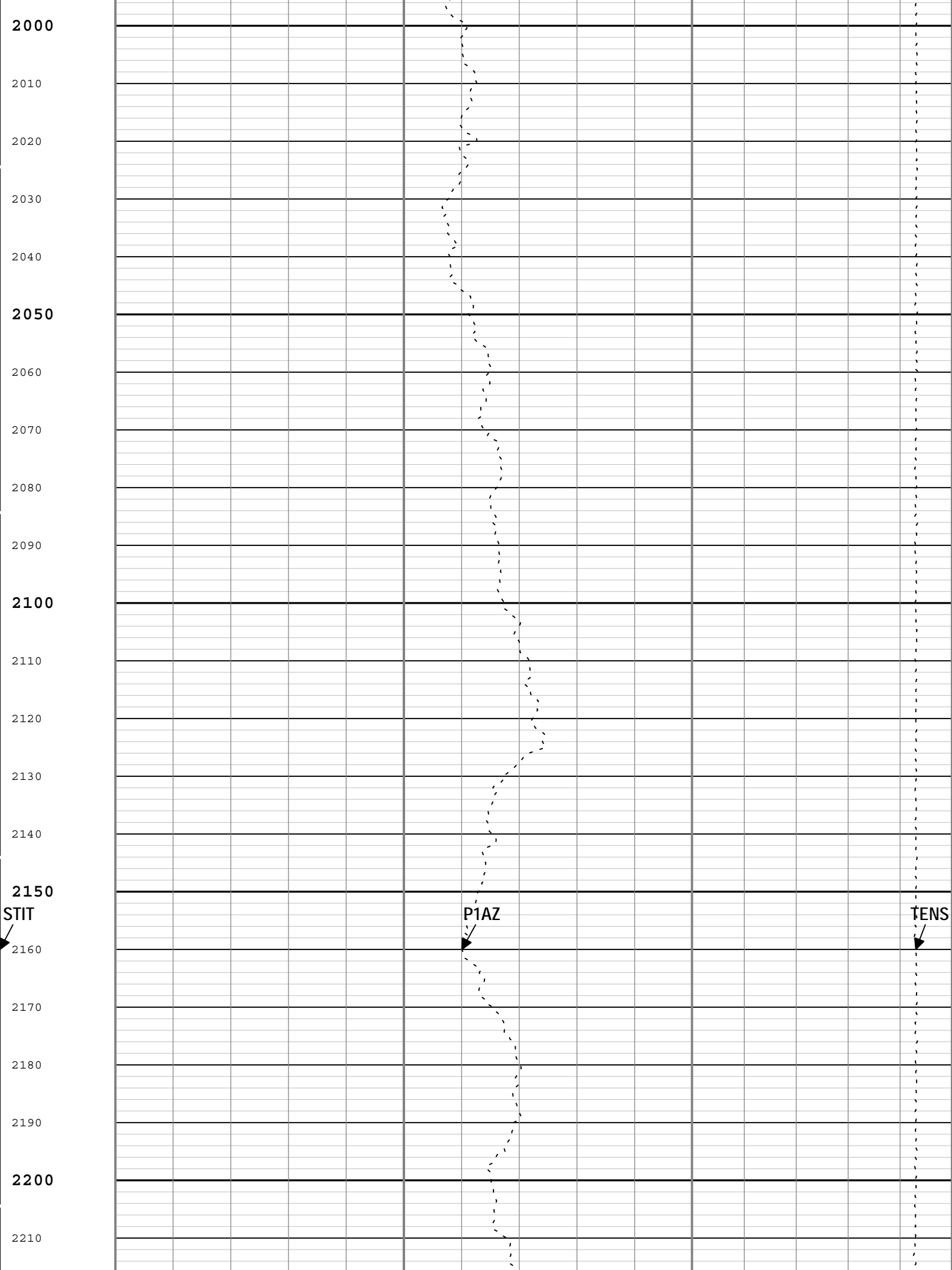


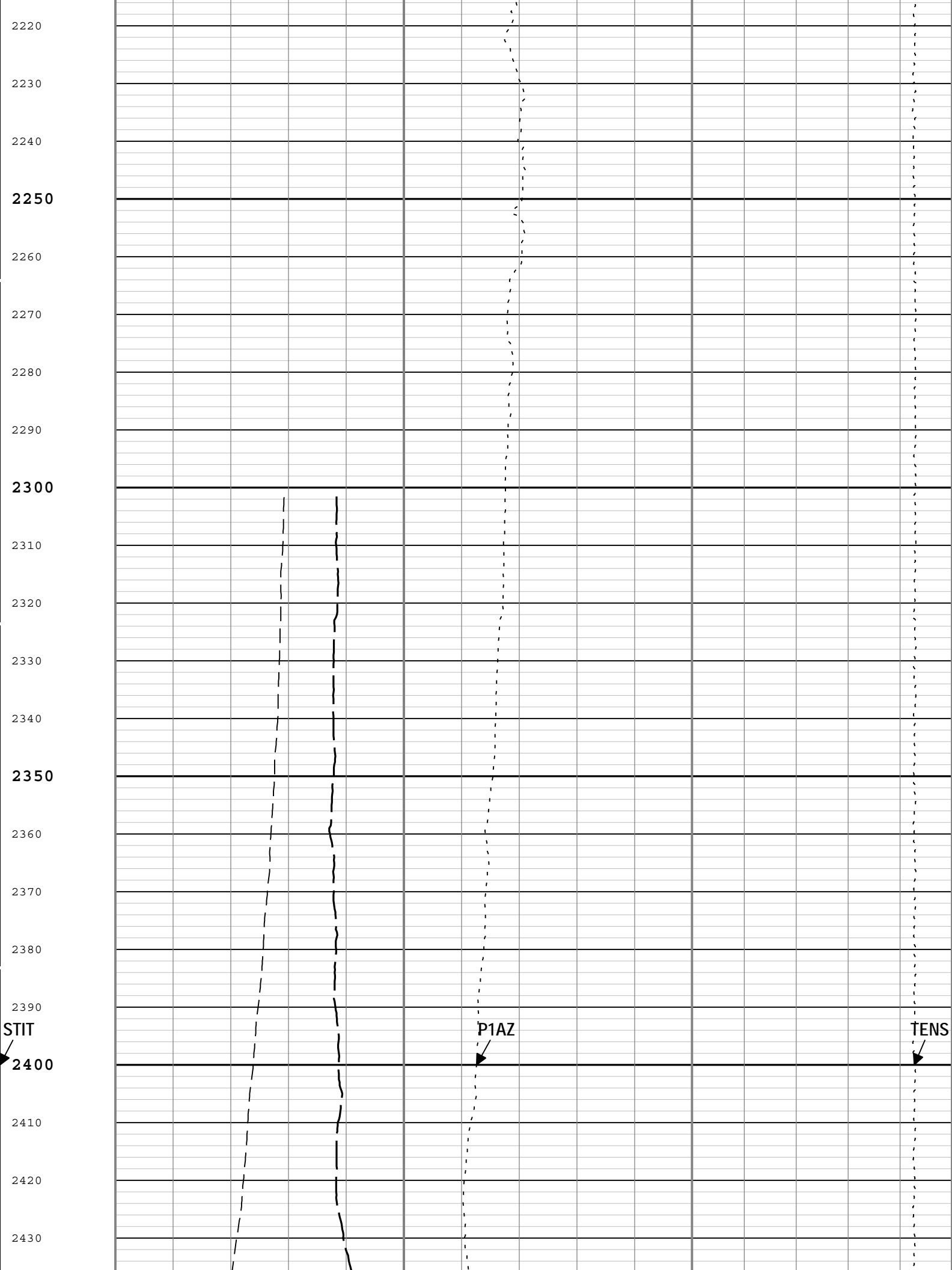


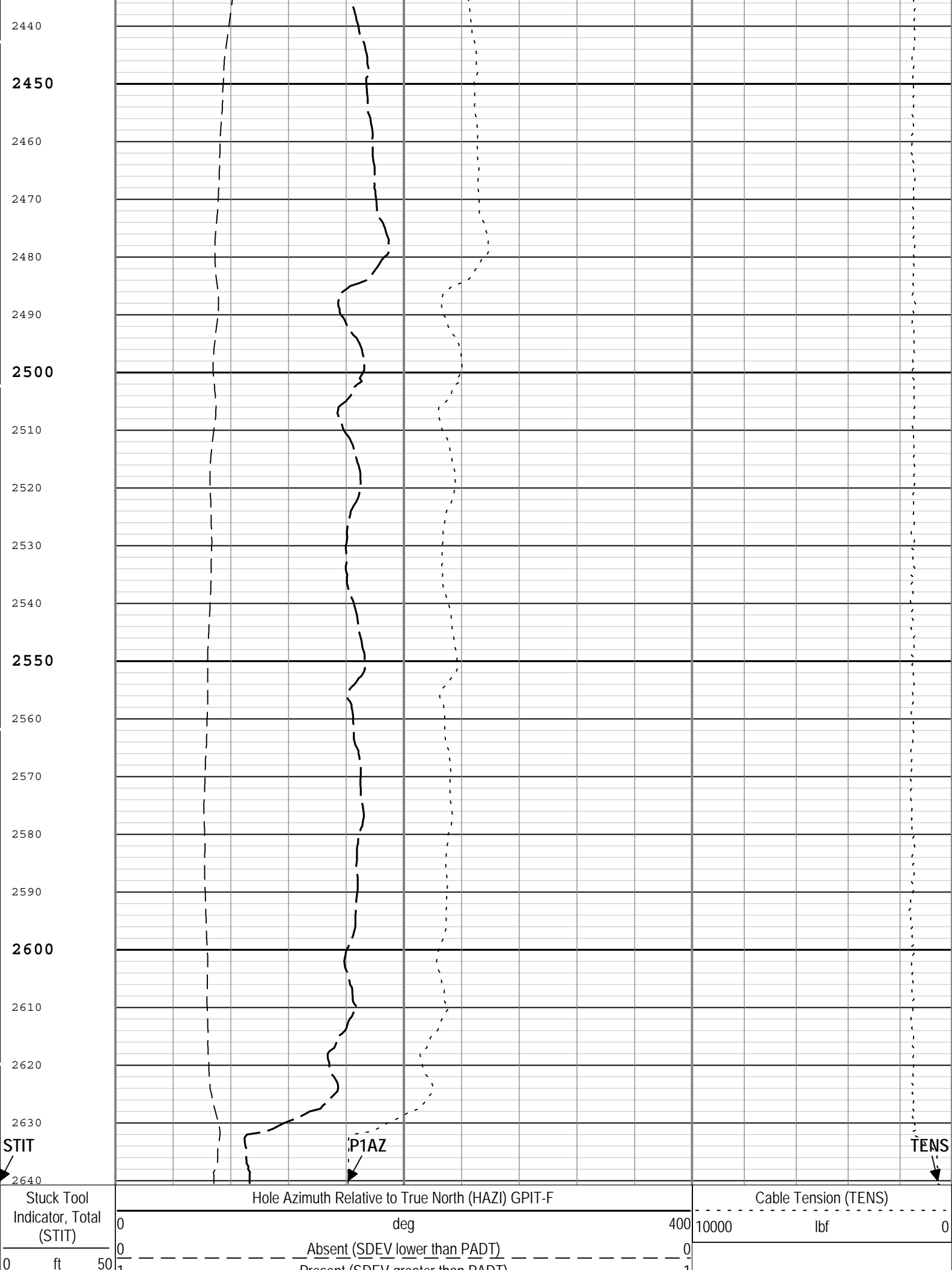












Cable Drag	Present (SDEV greater than PADT)	
	Pad 1 Azimuth in Horizontal Plane (0 = True North) (P1AZ) GPIT-F	
	0	400
	deg	
	Relative Bearing (RB) GPIT-F	
	0	400
	deg	
	0	0
	Absent (SDEV lower than PADT)	
	1	1
	Present (SDEV greater than PADT)	

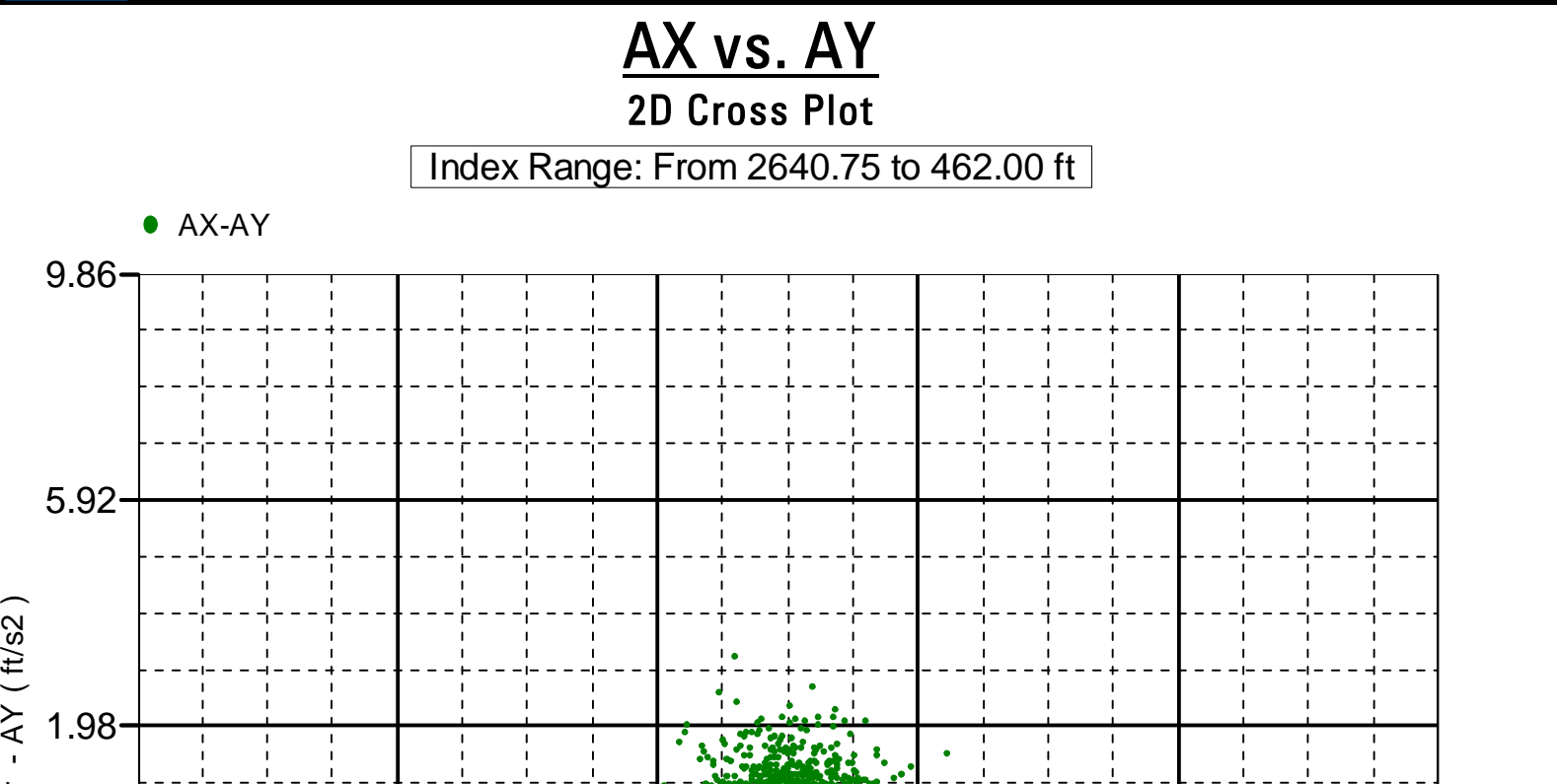
TIME_1900 - Time Marked every 60.00 (s)

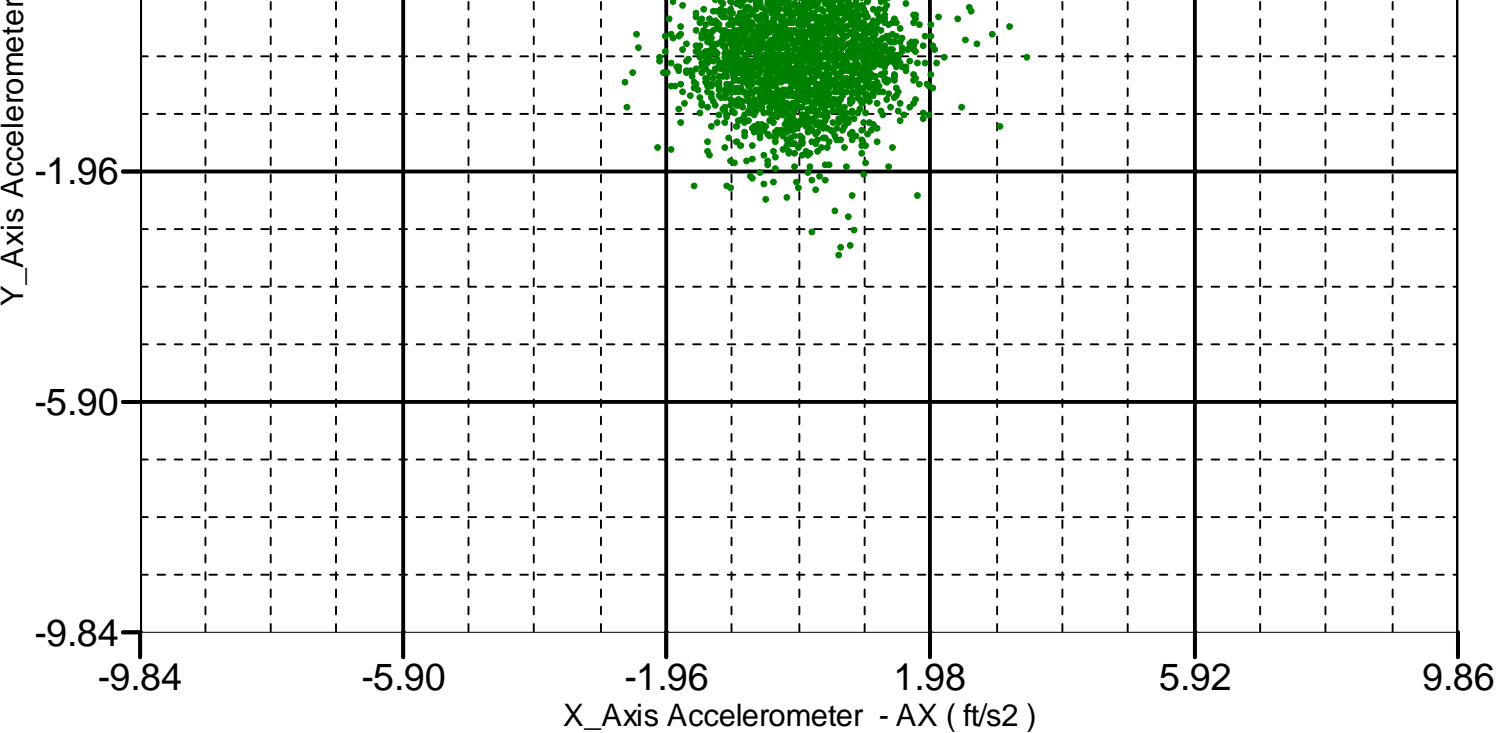
Description: GPIT inclinometry log Format: Log (GPIT Inclinometry Log) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth
Creation Date: 27-Jan-2013 16:00:26

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	472	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	2632	ft
USER_LOCB	User-supplied values for Magnetic Flux Density	WLSESSION	53135.73	nT
USER_MDEC	User-supplied values for Magnetic Declination	WLSESSION	7.36	deg
USER_MDIP	User-supplied values for Magnetic Dip Angle	WLSESSION	67.38	deg

Tool Control Parameters				
Parameter	Description	Tool	Value	Unit
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	3600	ft/h

XYZ	Run 1: Log[5]:Up
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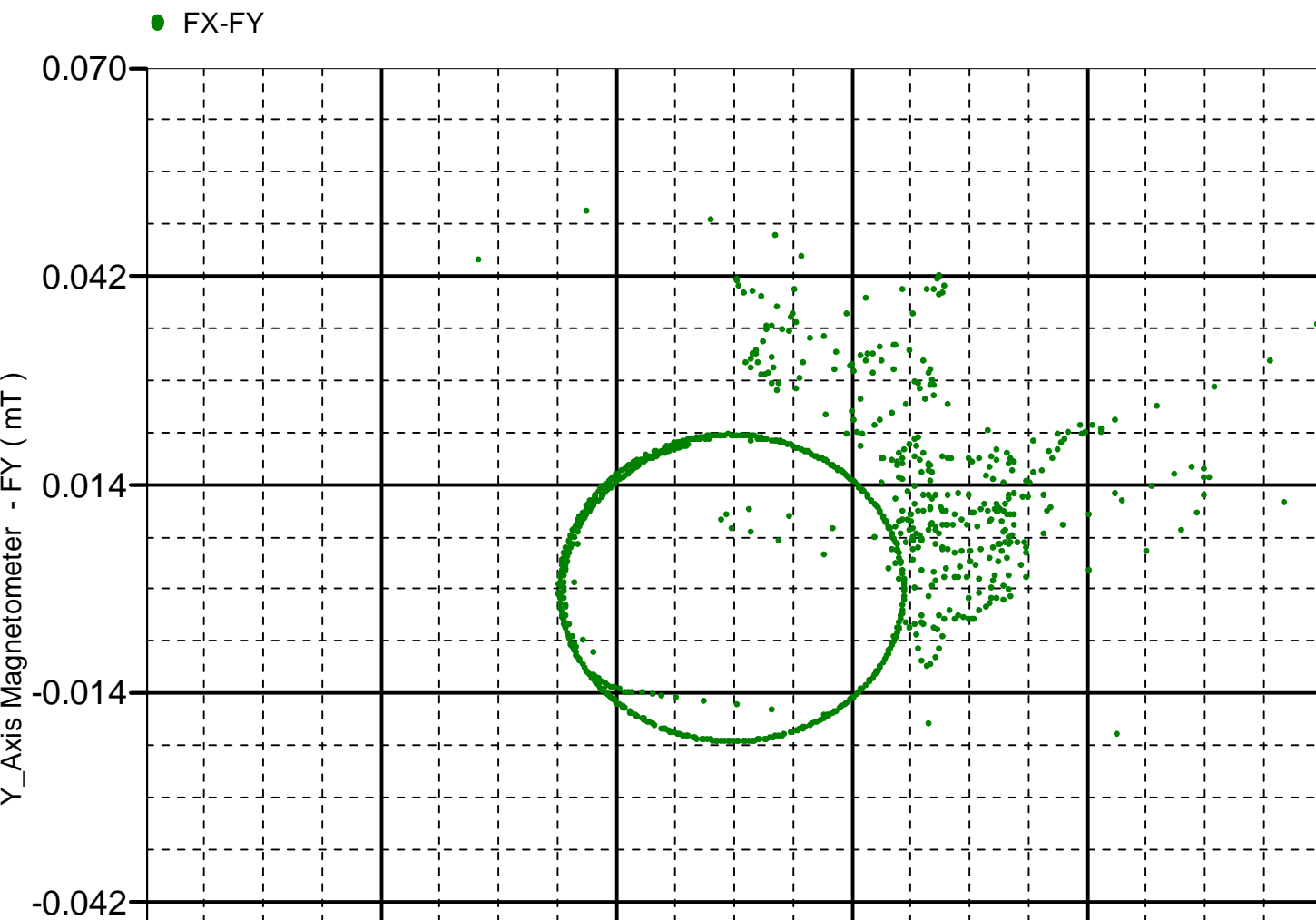
XYZ

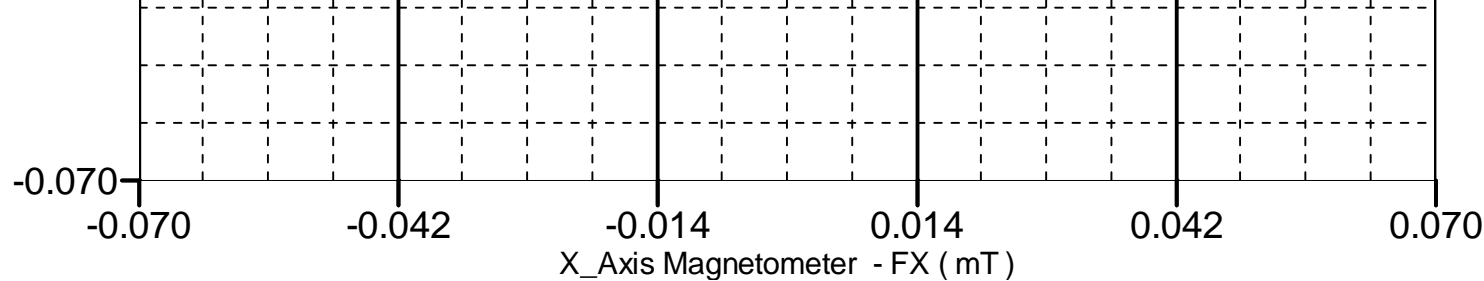
Run 1: Log[5]:Up

FX vs. FY

2D Cross Plot

Index Range: From 2632.00 to 462.00 ft





Company:	Omimex Petroleum Inc.	Schlumberger
Well:	Bledsoe 12-6-5-44	
Field:	Ballyneal	
County:	Yuma	
State:	Colorado	
Directional Survey		
GPIT		