

REPORT NO.
6207644

PAGE NO. 1

TEST DATE:
29-JUN-2000

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: TORCH OPERATING CO.

WELL: STETSON 2 ST. COM. #1

TEST IDENTIFICATION

Test Type OPEN HOLE DST
Test No. ONE
Formation LOWER ATOKA
Test Interval (ft) 10806 to 10850
Depth Reference GL

WELL LOCATION

Field TURKEY TRACK
County EDDY
State NEW MEXICO
Sec/Twn/Rng 2-19S-29E
Elevation (ft) 3368

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 10850/10850
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.625
Perf'd Interval/Net Pay (ft) .. / 10
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type BRINE/STARCH
Mud Weight (lb/gal) 9.5
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 0.064 @ 75F
Filtrate Chlorides (ppm) 120000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 5438.36
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 9835 / 3.826
Collar Length (ft)/I.D. (in) .. 954 / 2.250
Packer Depths (ft) 10801, 10806,
Bottomhole Choke Size (in) ... 1.00
Gauge Depth (ft)/Type 10850/NG-00018

NET PIPE RECOVERY

Volume	Fluid Type	Properties
206 ft	GAS CUT MUD	Rw0.080@72F 95000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
1.7 cuft	Gas	
300 cc	Water	Rw0.080@72F 84000pp
Pressure: 260		GOR: 0
		GLR: 900

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis..
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio, Omega
Interporos.Flow Coef..Lambda..
Distance to an Anomaly (ft) ..
Radius of Investigation (ft)..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
GOR (scf/STB)
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi).
Porosity (%) 8
Reservoir Temperature (F) 170
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

THIS IS DST #1. THE LOWER ATOKA FORMATION WAS EVALUATED FROM 10806' TO 10850'. THE PRESSURE CONTINUED TO INCREASE DURING THE FINAL FLOW. A MAXIMUM RATE OF 298 MCF/D WAS RECORDED PRIOR TO THE FINAL SHUTIN. PLEASE DIRECT ANY QUESTIONS ABOUT THIS TEST TO THE HOBBS TESTING DISTRICT AT (505) 393-4107. THANK YOU FOR USING SCHLUMBERGER.

WELL TEST INTERPRETATION REPORT #:6207644		PAGE: 2,
CLIENT : TORCH OPERATING CO.		30-JUN-00
REGION :CENTRAL	SEQUENCE OF EVENTS	FIELD:TURKEY TRACK
DISTRICT:HOBBS		ZONE :LOWER ATOKA
BASE :MIDLAND		WELL :STETSON 2 #1
ENGINEER:KIRK BEASLEY		LOCATION:2-19S-29E

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
29-JUN					
	08:51	OPEN TO BUBBLE HOSE ONLY SET PACKER	-3		
	08:54	START FLOW	0	156	
	08:55	BOTTOM OF THE BUCKET	1		
	09:03	BLOW DESCRIBED IN PSI	9		2
	09:25	FLOW POINT	31		6
	09:31	CYCLED TOOL	37		
	09:36	END FLOW & START SHUT-IN	42	112	13
	10:30	GAS TO SURFACE	96		
	10:38	END SHUT-IN	104	1066	
	10:41	START FLOW	107	88	
	10:55		121		9
	11:10		136		25
	11:37	OPENED TO 1/4" CHOKE	163		48
	11:40		166		88
	12:10		196		118
	12:40		226		144
	13:10		256		173
	13:41	END FLOW & START SHUT-IN	287	350	204
	19:40	END SHUT-IN	646	1046	
	19:44	PULLED LOOSE	650		

WELL TEST INTERPRETATION REPORT #:6207644		PAGE: 12,
CLIENT : TORCH OPERATING CO.		30-JUN-00
REGION :CENTRAL DISTRICT:HOBBS BASE :MIDLAND ENGINEER:KIRK BEASLEY	DISTRIBUTION OF REPORTS	FIELD:TURKEY TRACK ZONE :LOWER ATOKA WELL :STETSON 2 #1 LOCATION:2-19S-29E

SCHLUMBERGER has sent copies of this report to the following:

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TORCH OPERATING CO.
1221 LAMAR ST.
SUITE 1600
HOUSTON, TX 77010
Attn: RUSSELL MACAW
(2 copies)

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TORCH OPERATING CO.
STETSON 2 ST. COM. #1
TOOL STRING SCHEMATIC

	TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
	SURFACE FLOWHEAD				0
	DRILL PIPE (16.6#)	4.50	3.826	9835	9835
	DRILL COLLARS	6.25	2.250	737	10572
	PUMPOUT DISK REVERSING VALVE	6.00	3.250	1.19	10573.19
	DRILL COLLARS	6.25	2.250	93.47	10666.66
	BREAKOFF PIN REVERSING VALVE	6.19	3.125	0.86	10667.52
	DRILL COLLARS	6.25	2.250	93.31	10760.23
	CROSS OVER SUB	6.00	2.000	0.93	10761.76
	INSIDE RECORDER CARRIER	4.88	1.250	5.91	10767.67
	MFE	5.00	1.000	9.88	10777.55
	MFE OH BYPASS	5.00	1.000	2.98	10780.53
	INSIDE RECORDER CARRIER	4.88	1.250	5.91	10786.44
	D&C HYDRAULIC JAR	4.75	1.875	6.59	10793.03
	SAFETY JOINT	4.75	2.500	2.00	10795.03
	BOB-TAIL PACKER	7.00	1.500	6.19	10801.22
	BOB-TAIL PACKER	7.00	1.500	4.78	10806
	PERFORATED ANCHOR	4.75	2.250	5.44	10811.44
	CROSS OVER SUB	6.00	2.750	0.63	10812.07
	DRILL COLLARS	6.25	2.250	30.27	10842.34
	CROSS OVER SUB	5.88	2.500	0.75	10843.09
	PERFORATED ANCHOR	4.75	2.250	1.00	10844.09
	OUTSIDE RECORDER CARRIER	4.88	1.500	5.91	10850

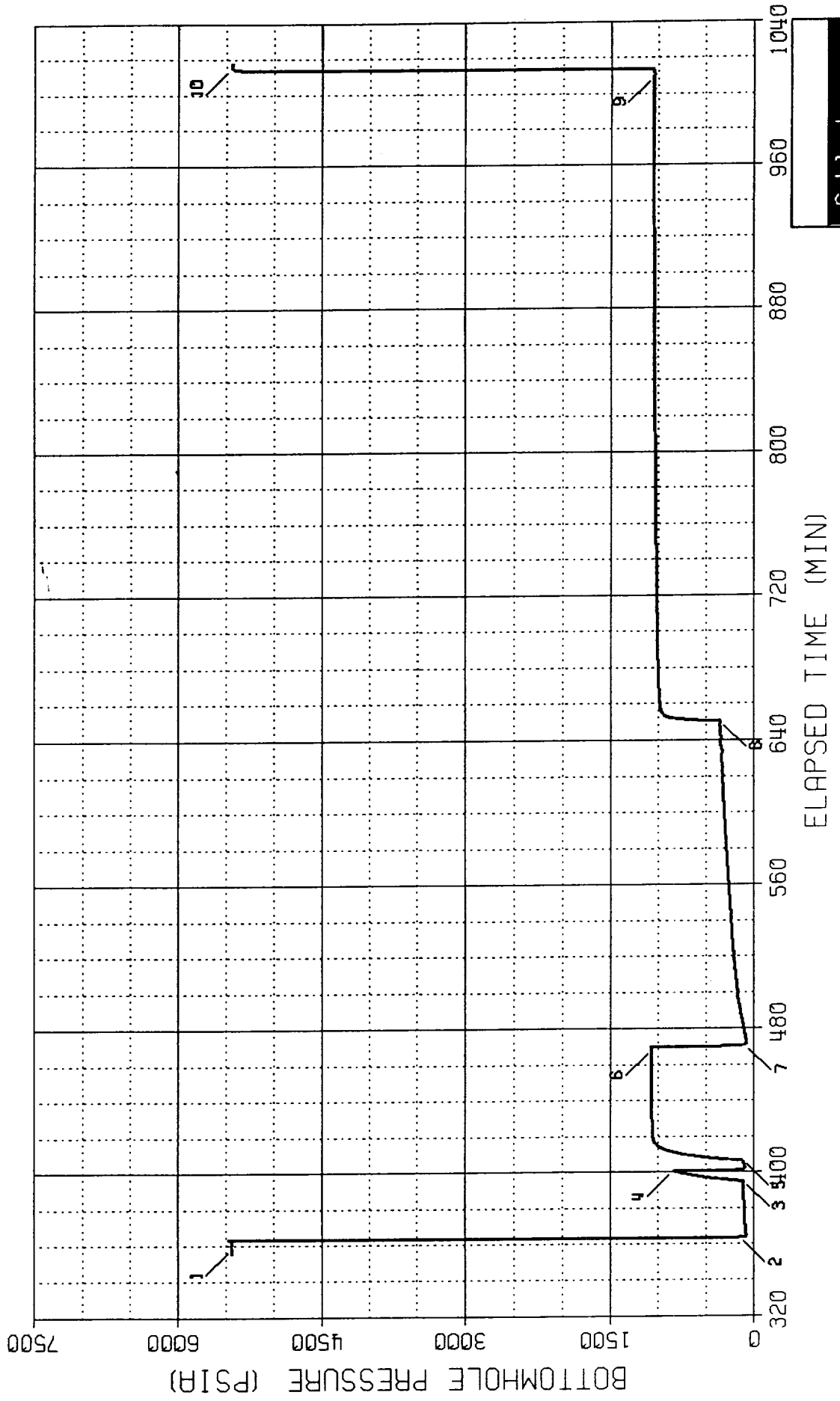
Report Number: 6207644
 Test Number: ONE
 Test Date: 29-JUN-2000

Schlumberger

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 6207644 COMPANY : TORCH OPERATING CO.
INSTRUMENT NO. 00018 WELL : STETSON 2 ST. COM. #1
DEPTH : 10850 FT
CAPACITY : 10000 PSI
PORT OPENING : OUTSIDE

Electronic Pressure Data



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 6207644

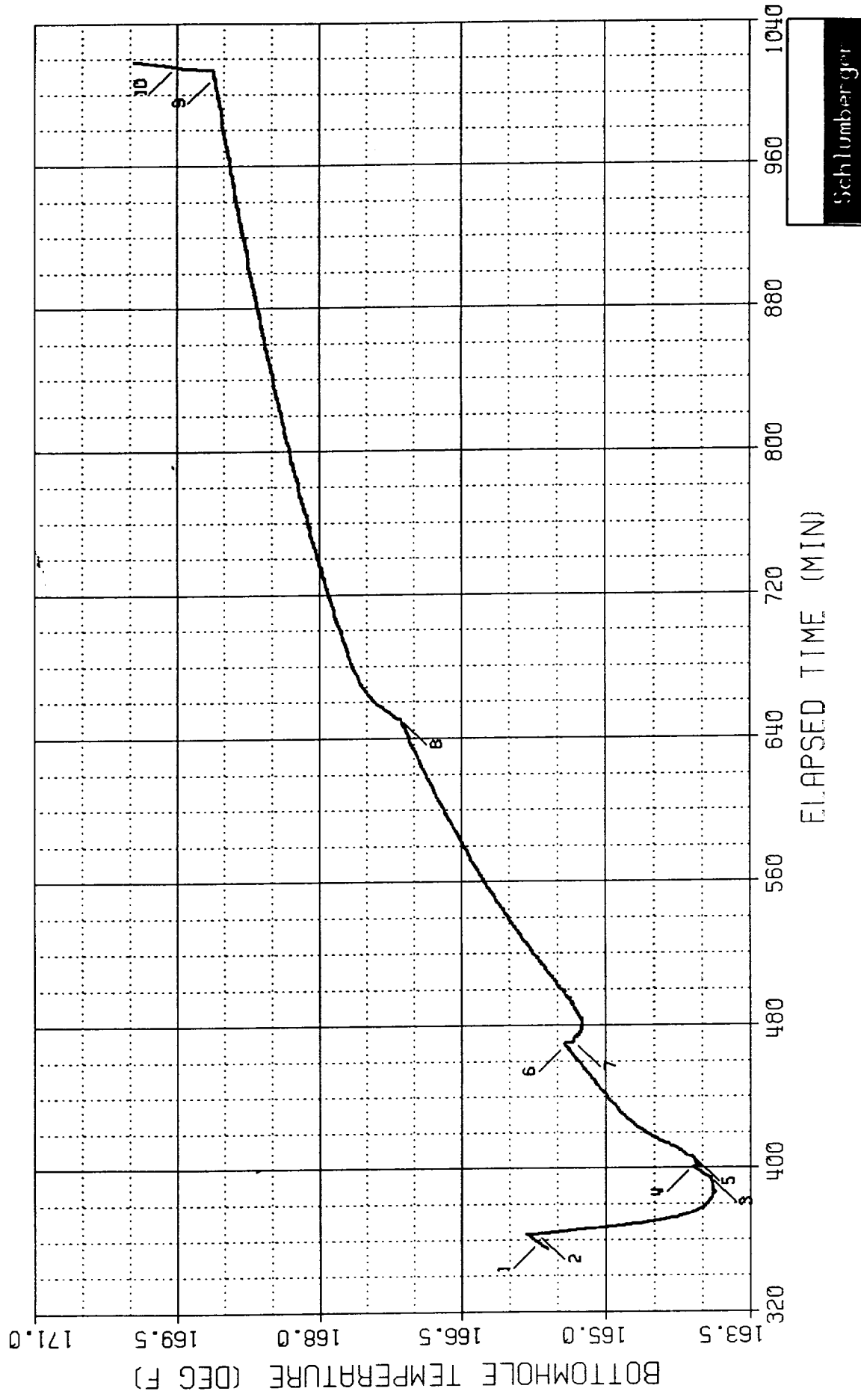
COMPANY : TORCH OPERATING CO.

INSTRUMENT NO. 00018

WELL : STETSON 2 ST. COM. #1

DEPTH : 10850 FT

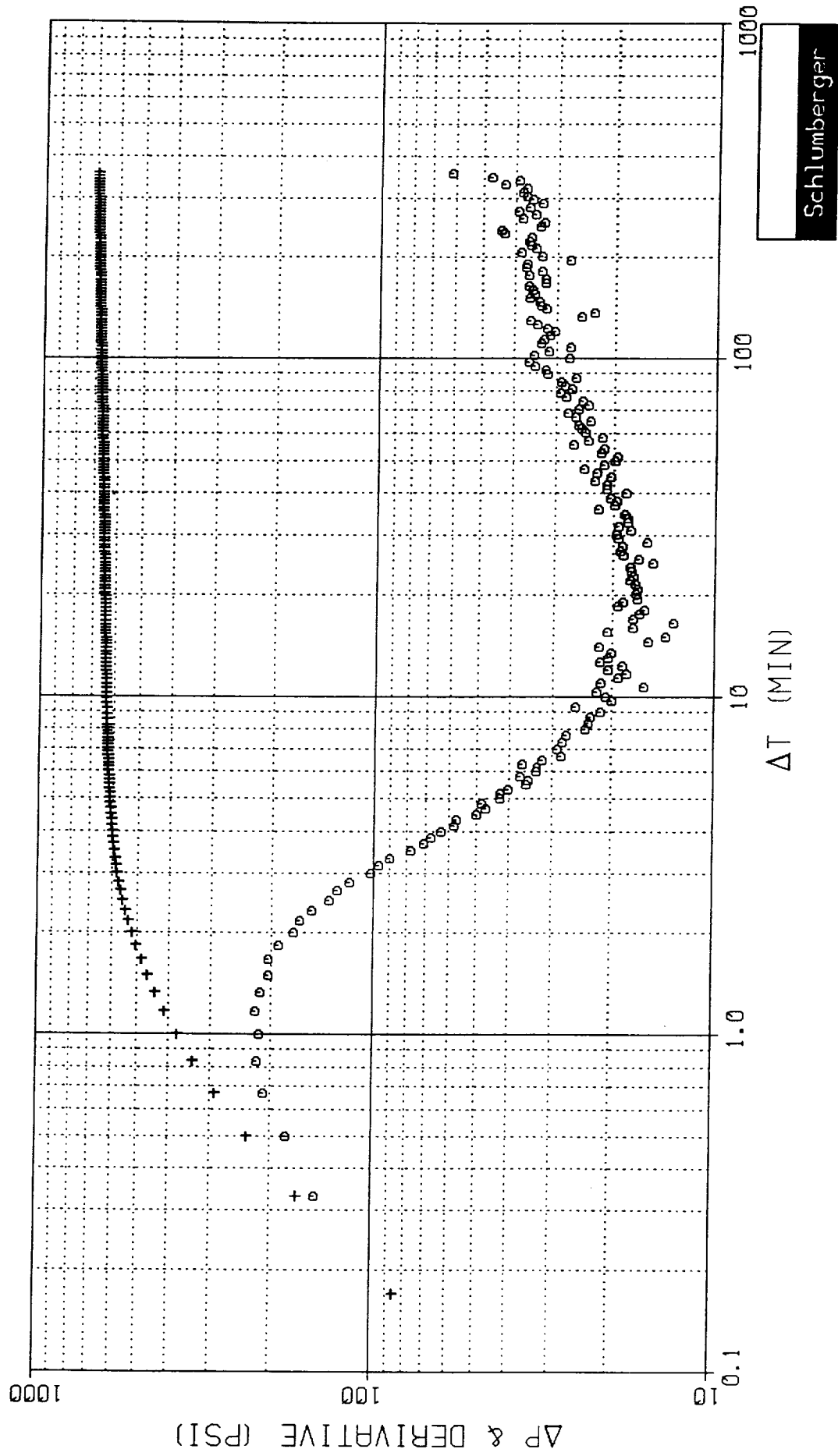
Electronic Temperature Data

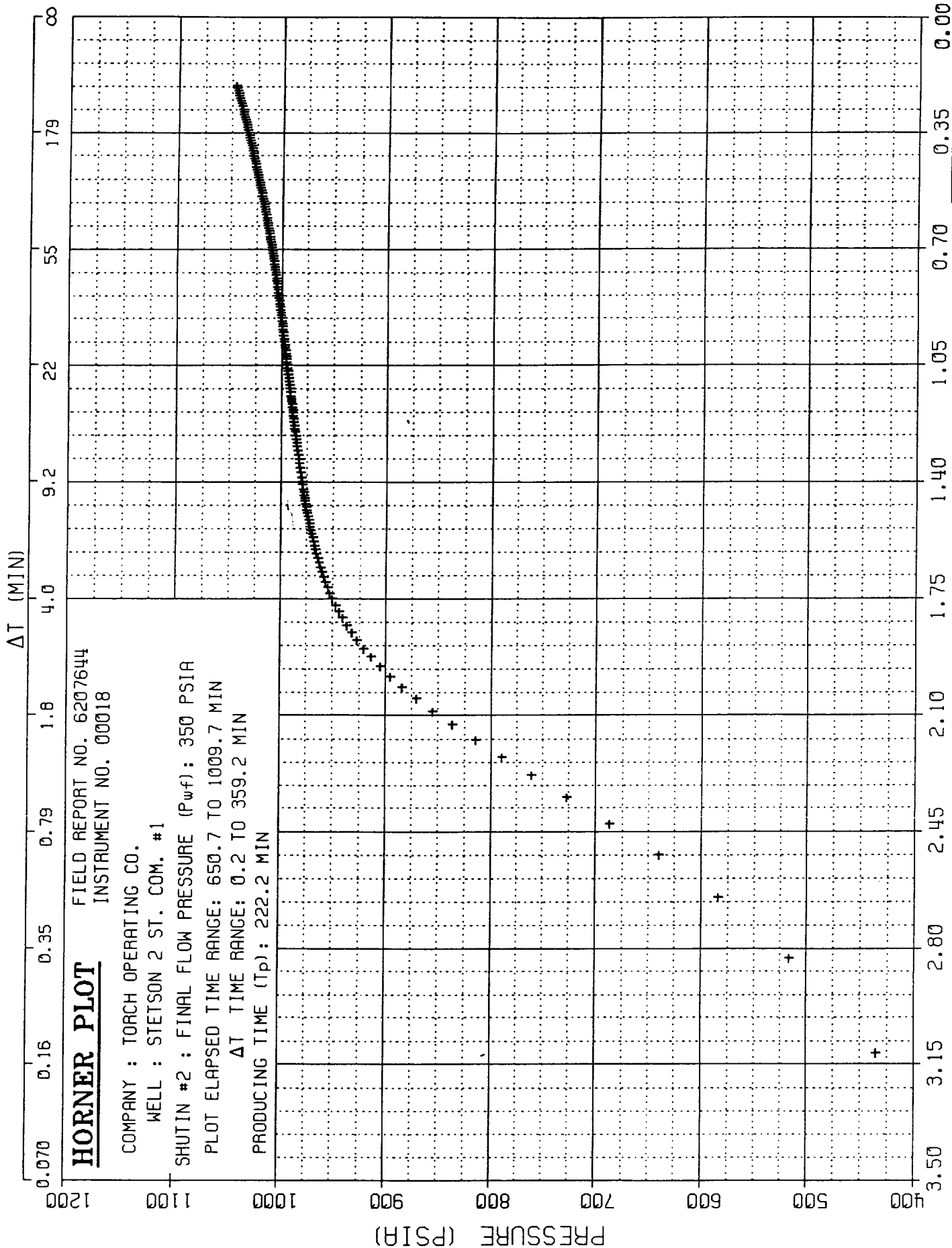


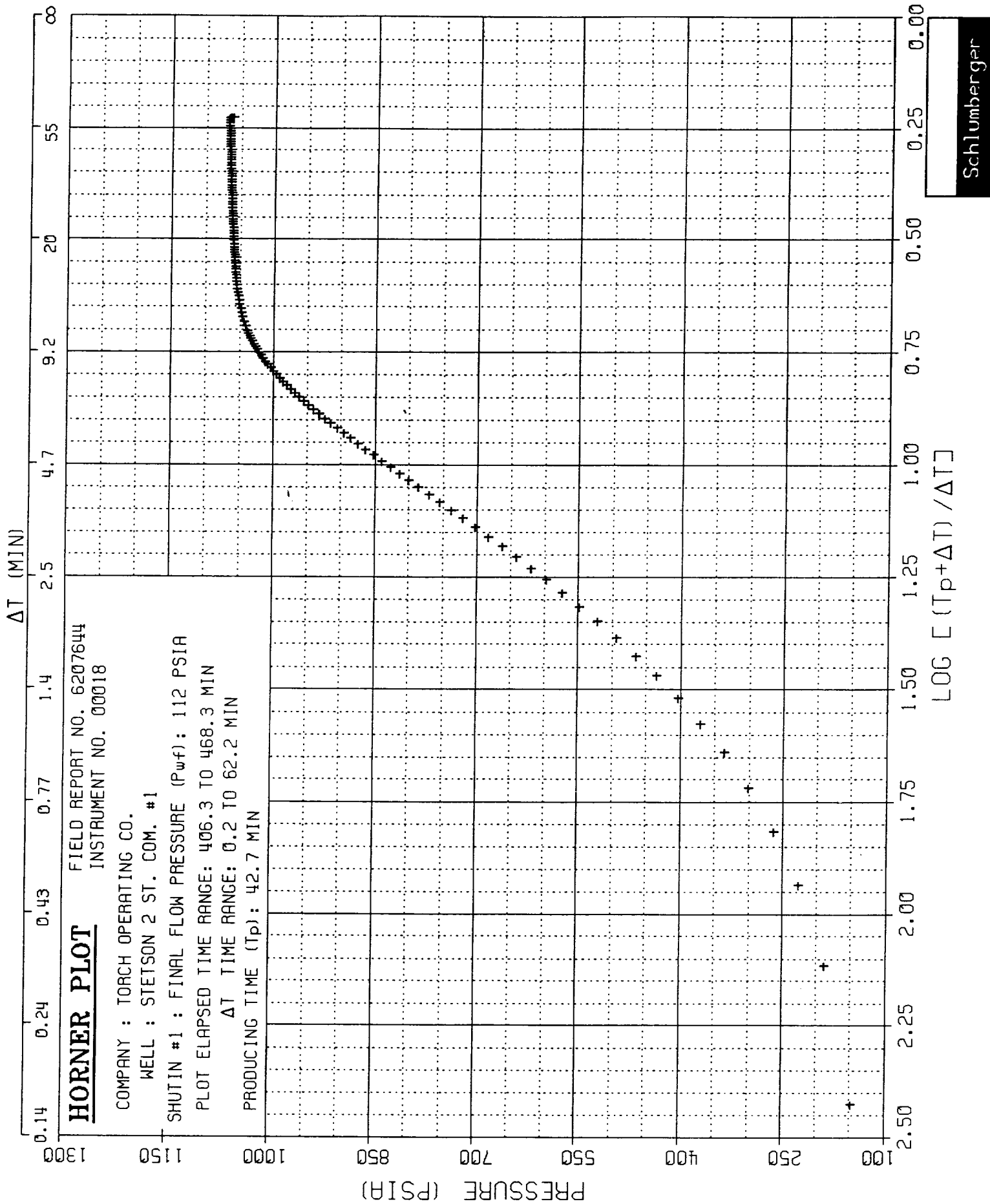
LOG LOG PLOT

COMPANY : TORCH OPERATING CO.
WELL : STETSON 2 ST. COM. #1
FIELD REPORT NO. 6207644
INSTRUMENT NO. 00018

SHUTIN #2 : PRODUCING TIME (T_p): 222.2 MIN
FINAL FLOW PRESSURE (P_{wf}): 350 PSIA
PLOT ELAPSED TIME RANGE: 650.7 TO 1009.7 MIN
 ΔT TIME RANGE: 0.2 TO 359.2 MIN







 ** WELL TEST DATA PRINTOUT **

COMPANY: TORCH OPERATING CO.
 WELL: STETSON 2 ST. COM. #1

FIELD REPORT NO. 6207644
 INSTRUMENT NO. 00018

RECORDER CAPACITY: 10000 PSI PORT OPENING: OUTSIDE DEPTH: 10850 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	8:48:10	29-JUN	HYDROSTATIC MUD	358.17	5438.36	165.69
2	8:53:30	29-JUN	START FLOW	363.50	155.55	165.70
3	9:24:40	29-JUN	FLOW POINT	394.67	109.54	163.92
4	9:30:30	29-JUN	CYCLED TOOL	400.50	837.35	164.10
5	9:36:10	29-JUN	END FLOW & START SHUT-IN	406.17	112.06	164.10
6	10:38:20	29-JUN	END SHUT-IN	468.33	1065.58	165.42
7	10:41:00	29-JUN	START FLOW	471.00	88.02	165.33
8	13:40:30	29-JUN	END FLOW & START SHUT-IN	650.50	349.64	167.14
9	19:39:40	29-JUN	END SHUT-IN	1009.67	1046.17	169.11
10	19:45:30	29-JUN	HYDROSTATIC MUD	1015.50	5443.97	169.52

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	363.50	406.17	42.67	155.55	112.06	155.55
2	471.00	650.50	179.50	88.02	349.64	88.02

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	406.17	468.33	62.16	112.06	1065.58	112.06	42.67
2	650.50	1009.67	359.17	349.64	1046.17	349.64	222.17

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
8:53:30	29-JUN	363.50	0.00	165.70	155.55
9:08:30	29-JUN	378.50	15.00	163.99	100.38
9:23:30	29-JUN	393.50	30.00	163.92	108.23
9:36:10	29-JUN	406.17	42.67	164.10	112.06

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 112.06 PSIA
PRODUCING TIME = 42.67 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
9:36:10	29-JUN	406.17	0.00	164.10	112.06	0.00	
9:37:10	29-JUN	407.17	1.00	164.16	336.06	224.00	1.6402
9:38:10	29-JUN	408.17	2.00	164.19	521.29	409.23	1.3490
9:39:10	29-JUN	409.17	3.00	164.21	662.97	550.91	1.1825
9:40:10	29-JUN	410.17	4.00	164.23	770.04	657.98	1.0670
9:41:10	29-JUN	411.17	5.00	164.26	851.78	739.72	0.9793
9:42:10	29-JUN	412.17	6.00	164.30	914.24	802.18	0.9091
9:43:10	29-JUN	413.17	7.00	164.34	961.35	849.29	0.8510
9:44:10	29-JUN	414.17	8.00	164.39	995.23	883.17	0.8017
9:45:10	29-JUN	415.17	9.00	164.43	1018.62	906.56	0.7590
9:46:10	29-JUN	416.17	10.00	164.46	1033.60	921.54	0.7216
9:48:10	29-JUN	418.17	12.00	164.53	1048.38	936.32	0.6586
9:50:10	29-JUN	420.17	14.00	164.59	1054.17	942.11	0.6072
9:52:10	29-JUN	422.17	16.00	164.64	1057.41	945.35	0.5643
9:54:10	29-JUN	424.17	18.00	164.70	1059.07	947.01	0.5277
9:56:10	29-JUN	426.17	20.00	164.73	1060.31	948.25	0.4960
9:58:10	29-JUN	428.17	22.00	164.77	1061.34	949.28	0.4683
10:00:10	29-JUN	430.17	24.00	164.82	1062.11	950.05	0.4437
10:02:10	29-JUN	432.17	26.00	164.86	1062.82	950.76	0.4218
10:04:10	29-JUN	434.17	28.00	164.89	1063.22	951.16	0.4021
10:06:10	29-JUN	436.17	30.00	164.91	1063.66	951.60	0.3842
10:11:10	29-JUN	441.17	35.00	164.98	1064.69	952.63	0.3462
10:16:10	29-JUN	446.17	40.00	165.07	1065.37	953.31	0.3153
10:21:10	29-JUN	451.17	45.00	165.15	1065.86	953.80	0.2896
10:26:10	29-JUN	456.17	50.00	165.22	1066.65	954.59	0.2680
10:31:10	29-JUN	461.17	55.00	165.31	1067.17	955.11	0.2494
10:36:10	29-JUN	466.17	60.00	165.38	1067.58	955.52	0.2333
10:38:20	29-JUN	468.33	62.16	165.42	1065.58	953.52	0.2270

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
10:41:00	29-JUN	471.00	0.00	165.33	88.02
10:56:00	29-JUN	486.00	15.00	165.29	123.84
11:11:00	29-JUN	501.00	30.00	165.49	170.22
11:26:00	29-JUN	516.00	45.00	165.69	198.51

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
11:41:00	29-JUN	531.00	60.00	165.90	223.12
11:56:00	29-JUN	546.00	75.00	166.10	241.44
12:11:00	29-JUN	561.00	90.00	166.28	260.40
12:26:00	29-JUN	576.00	105.00	166.44	278.84
12:41:00	29-JUN	591.00	120.00	166.60	295.86
12:56:00	29-JUN	606.00	135.00	166.75	311.41
13:11:00	29-JUN	621.00	150.00	166.89	322.05
13:26:00	29-JUN	636.00	165.00	167.02	337.08
13:40:30	29-JUN	650.50	179.50	167.14	349.64

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 349.64 PSIA
PRODUCING TIME = 222.17 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNERS TIME
13:40:30	29-JUN	650.50	0.00	167.14	349.64	0.00	
13:41:30	29-JUN	651.50	1.00	167.20	727.02	377.38	2.3486
13:42:30	29-JUN	652.50	2.00	167.22	869.93	520.29	2.0495
13:43:30	29-JUN	653.50	3.00	167.23	926.83	577.19	1.8754
13:44:30	29-JUN	654.50	4.00	167.27	949.99	600.35	1.7524
13:45:30	29-JUN	655.50	5.00	167.29	961.46	611.82	1.6574
13:46:30	29-JUN	656.50	6.00	167.32	968.32	618.68	1.5801
13:47:30	29-JUN	657.50	7.00	167.34	972.95	623.31	1.5151
13:48:30	29-JUN	658.50	8.00	167.38	976.58	626.94	1.4590
13:49:30	29-JUN	659.50	9.00	167.40	979.08	629.44	1.4097
13:50:30	29-JUN	660.50	10.00	167.43	981.26	631.62	1.3658
13:52:30	29-JUN	662.50	12.00	167.45	984.82	635.18	1.2904
13:54:30	29-JUN	664.50	14.00	167.49	987.75	638.11	1.2271
13:56:30	29-JUN	666.50	16.00	167.52	990.02	640.38	1.1728
13:58:30	29-JUN	668.50	18.00	167.54	991.65	642.01	1.1252
14:00:30	29-JUN	670.50	20.00	167.56	993.39	643.75	1.0831
14:02:30	29-JUN	672.50	22.00	167.58	994.90	645.26	1.0453
14:04:30	29-JUN	674.50	24.00	167.59	996.30	646.66	1.0110
14:06:30	29-JUN	676.50	26.00	167.63	997.46	647.82	0.9798
14:08:30	29-JUN	678.50	28.00	167.65	998.74	649.10	0.9511
14:10:30	29-JUN	680.50	30.00	167.65	999.82	650.18	0.9246
14:15:30	29-JUN	685.50	35.00	167.70	1002.35	652.71	0.8662
14:20:30	29-JUN	690.50	40.00	167.72	1004.57	654.93	0.8165
14:25:30	29-JUN	695.50	45.00	167.76	1006.69	657.05	0.7736
14:30:30	29-JUN	700.50	50.00	167.79	1008.59	658.95	0.7359
14:35:30	29-JUN	705.50	55.00	167.83	1010.33	660.69	0.7024
14:40:30	29-JUN	710.50	60.00	167.85	1011.92	662.28	0.6724
14:45:30	29-JUN	715.50	65.00	167.88	1013.44	663.80	0.6452
14:50:30	29-JUN	720.50	70.00	167.90	1014.89	665.25	0.6205
14:55:30	29-JUN	725.50	75.00	167.94	1016.28	666.64	0.5979
15:00:30	29-JUN	730.50	80.00	167.97	1017.67	668.03	0.5772
15:05:30	29-JUN	735.50	85.00	167.99	1018.82	669.18	0.5580
15:10:30	29-JUN	740.50	90.00	168.01	1020.00	670.36	0.5401
15:15:30	29-JUN	745.50	95.00	168.04	1021.32	671.68	0.5236

TEST PHASE: SHUTIN PERIOD # 2

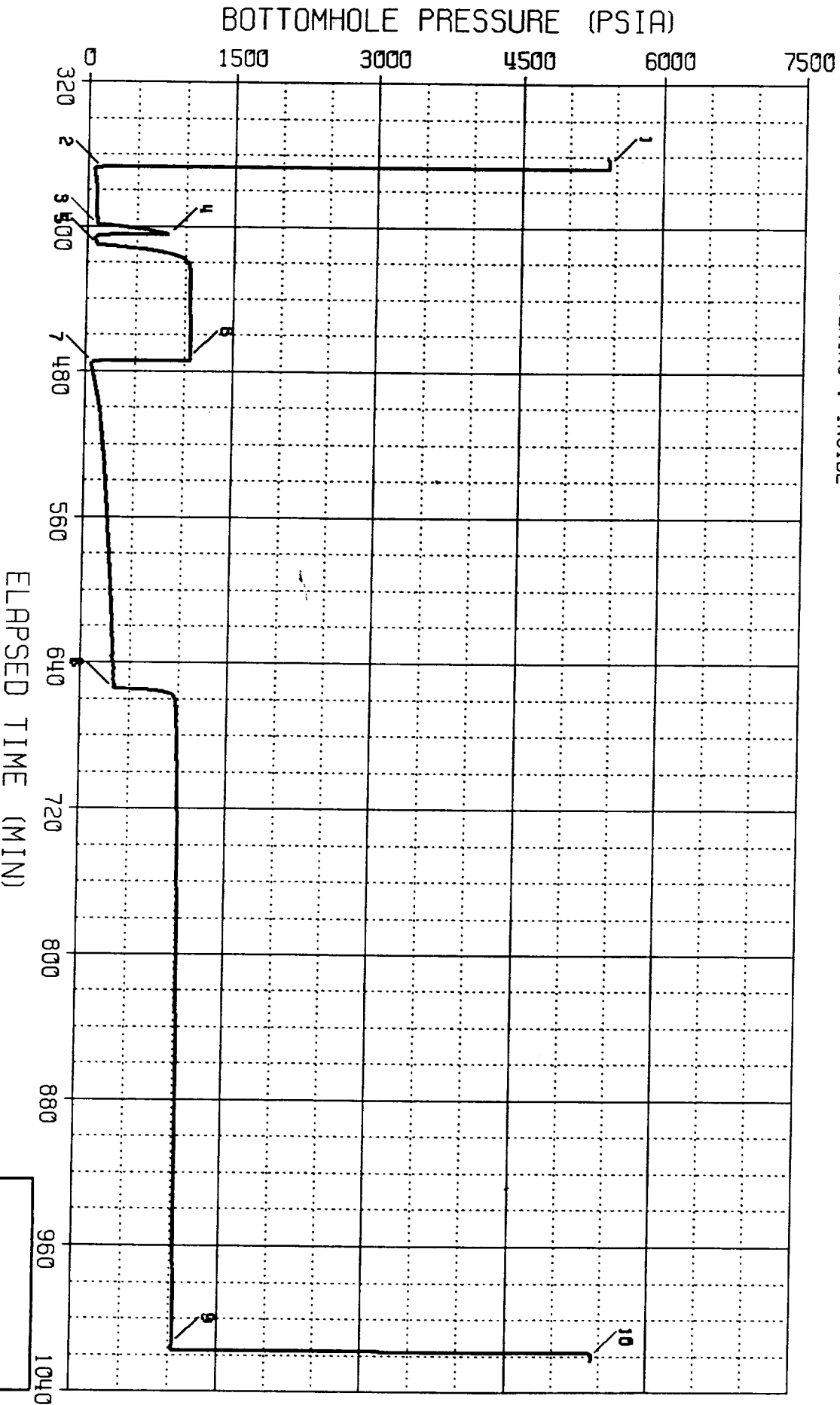
FINAL FLOW PRESSURE = 349.64 PSIA
PRODUCING TIME = 222.17 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
15:20:30	29-JUN	750.50	100.00	168.08	1022.37	672.73	0.5081
15:25:30	29-JUN	755.50	105.00	168.10	1023.58	673.94	0.4936
15:30:30	29-JUN	760.50	110.00	168.12	1024.38	674.74	0.4800
15:35:30	29-JUN	765.50	115.00	168.15	1025.35	675.71	0.4672
15:40:30	29-JUN	770.50	120.00	168.17	1026.17	676.53	0.4551
15:45:30	29-JUN	775.50	125.00	168.21	1027.04	677.40	0.4436
15:50:30	29-JUN	780.50	130.00	168.22	1027.77	678.13	0.4328
15:55:30	29-JUN	785.50	135.00	168.24	1028.67	679.03	0.4225
16:00:30	29-JUN	790.50	140.00	168.28	1029.15	679.51	0.4128
16:05:30	29-JUN	795.50	145.00	168.30	1029.91	680.27	0.4035
16:10:30	29-JUN	800.50	150.00	168.31	1030.50	680.86	0.3947
16:15:30	29-JUN	805.50	155.00	168.35	1031.34	681.70	0.3862
16:20:30	29-JUN	810.50	160.00	168.37	1031.93	682.29	0.3781
16:25:30	29-JUN	815.50	165.00	168.37	1032.47	682.83	0.3704
16:30:30	29-JUN	820.50	170.00	168.40	1033.09	683.45	0.3630
16:35:30	29-JUN	825.50	175.00	168.42	1033.66	684.02	0.3559
16:40:30	29-JUN	830.50	180.00	168.46	1034.22	684.58	0.3491
16:55:30	29-JUN	845.50	195.00	168.51	1035.63	685.99	0.3303
17:10:30	29-JUN	860.50	210.00	168.57	1037.01	687.37	0.3134
17:25:30	29-JUN	875.50	225.00	168.62	1038.32	688.68	0.2983
17:40:30	29-JUN	890.50	240.00	168.69	1039.49	689.85	0.2846
17:55:30	29-JUN	905.50	255.00	168.75	1040.53	690.89	0.2721
18:10:30	29-JUN	920.50	270.00	168.80	1041.56	691.92	0.2608
18:25:30	29-JUN	935.50	285.00	168.85	1042.36	692.72	0.2503
18:40:30	29-JUN	950.50	300.00	168.91	1043.24	693.60	0.2407
18:55:30	29-JUN	965.50	315.00	168.94	1043.95	694.31	0.2318
19:10:30	29-JUN	980.50	330.00	169.00	1044.66	695.02	0.2236
19:25:30	29-JUN	995.50	345.00	169.05	1045.30	695.66	0.2159
19:39:40	29-JUN	1009.67	359.17	169.11	1046.17	696.53	0.2091

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 6207644 COMPANY : TORCH OPERATING CO.
INSTRUMENT NO. 00013 WELL : STETSON 2 ST. COM. #1
DEPTH : 10786 FT
CAPACITY : 10000 PSI
PORT OPENING : INSIDE

Electronic Pressure Data



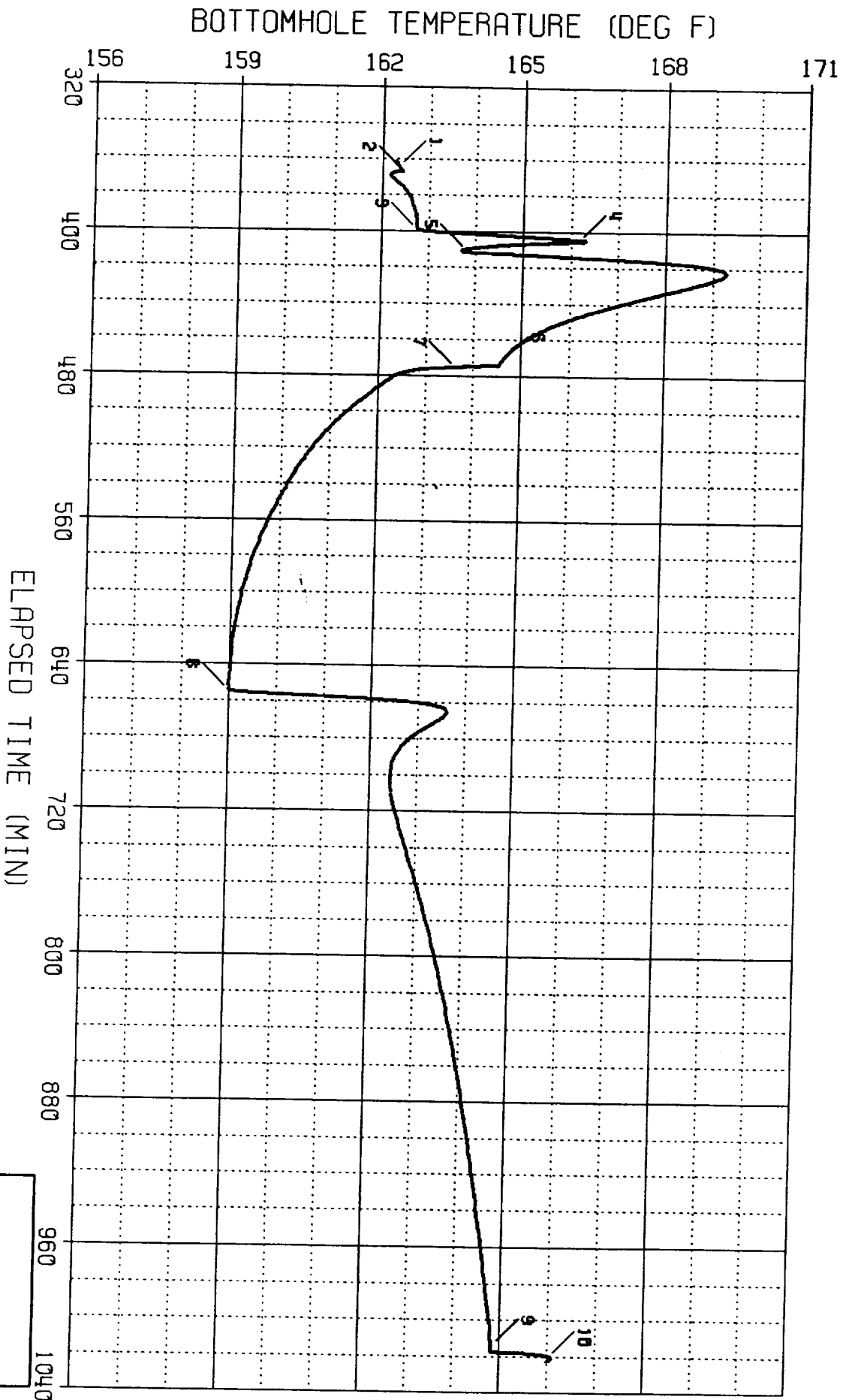
Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 6207644
INSTRUMENT NO. 00013
DEPTH : 10786 FT

COMPANY : TORCH OPERATING CO.
WELL : STETSON 2 ST. COM. #1

Electronic Temperature Data



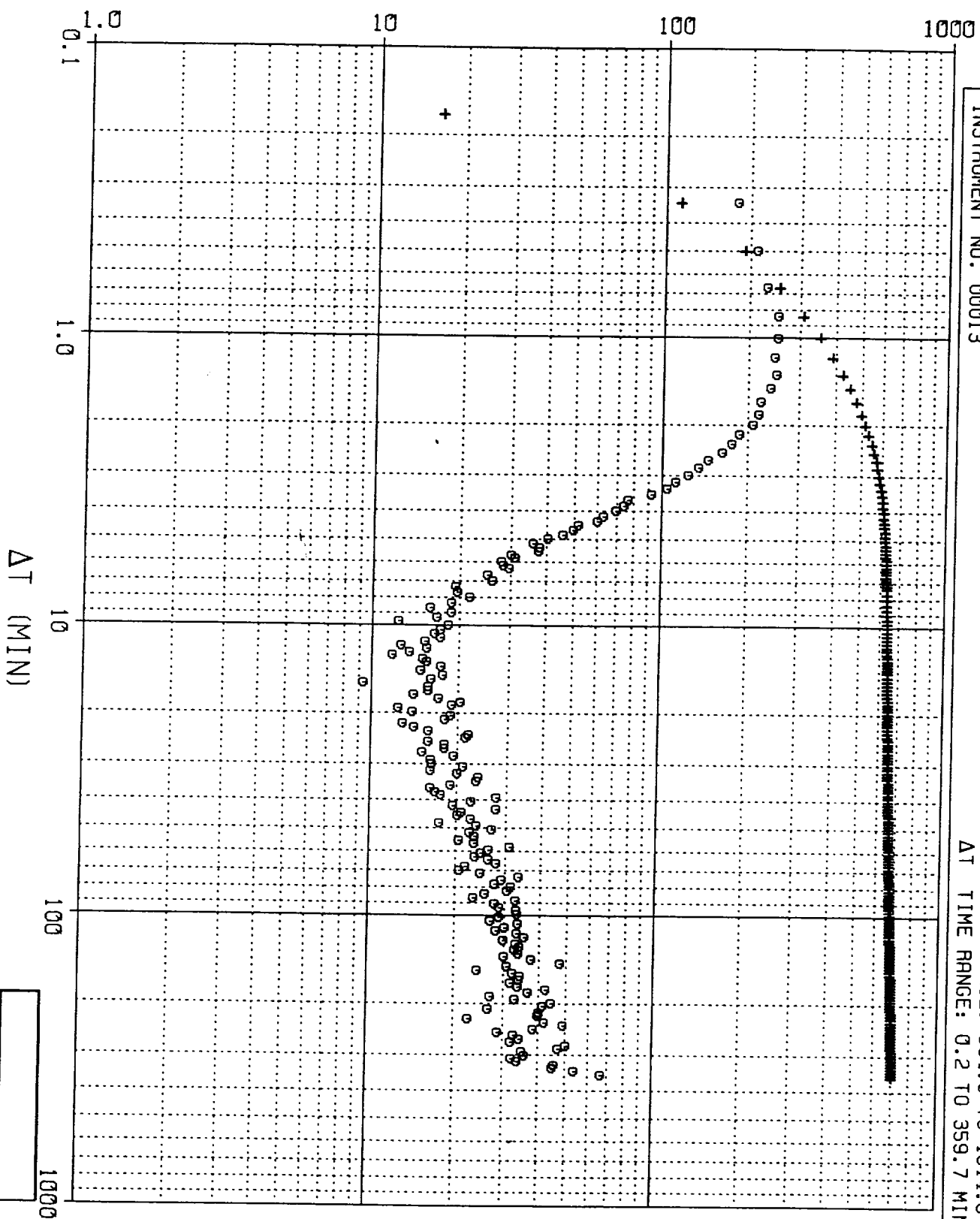
Sealometer per

LOG LOG PLOT

COMPANY : TORCH OPERATING CO.
WELL : STEITSON 2 ST. COM. #1
FIELD REPORT NO. 6207644
INSTRUMENT NO. 00013

SHUTIN #2 : PRODUCING TIME (Tp) : 221.8 MIN
FINAL FLOW PRESSURE (Pwf) : 335 PSIA
PLOT ELAPSED TIME RANGE: 654.5 TO 1014.0 MIN
ΔT TIME RANGE: 0.2 TO 359.7 MIN

ΔP & DERIVATIVE (PSI)



Schlumberger

ΔT (MIN)

0.070 0.16 0.35 0.79 1.8 4.0 9.2 22 55 179 ∞

HORNER PLOT

FIELD REPORT NO. 6207644
INSTRUMENT NO. 00013

COMPANY : TORCH OPERATING CO.
WELL : STEIISON 2 ST. COM. #1

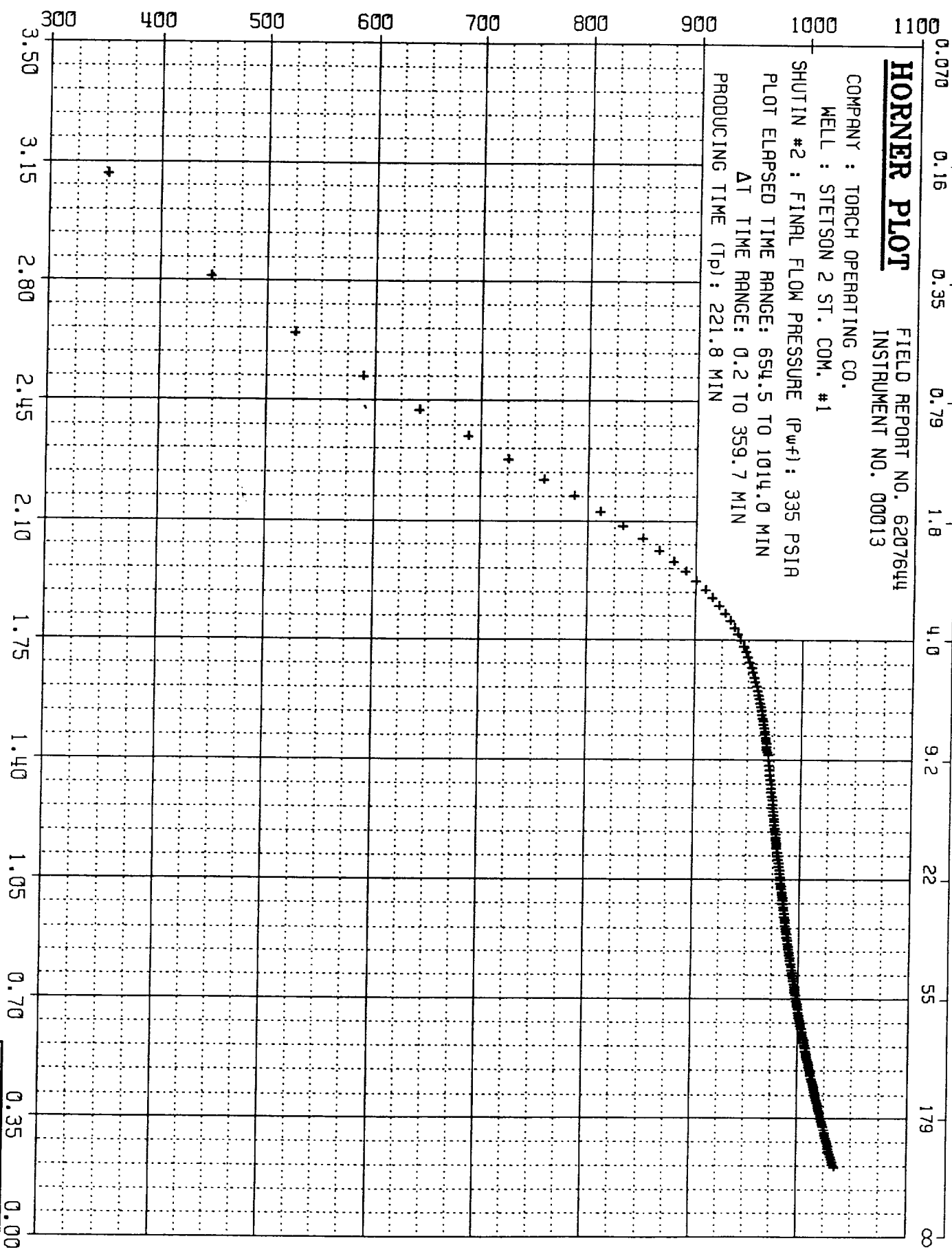
SHUTIN #2 : FINAL FLOW PRESSURE (Pwf) : 335 PSIA

PLOT ELAPSED TIME RANGE: 654.5 TO 1014.0 MIN

Δt TIME RANGE: 0.2 TO 359.7 MIN

PRODUCING TIME (Tp) : 221.8 MIN

PRESSURE (PSIA)



Schlumberger

ΔT (MIN)

0.14 0.24 0.43 0.77 1.4 2.5 4.7 9.2 20 55 ∞

HORNER PLOT

FIELD REPORT NO. 6207644
INSTRUMENT NO. 00013

COMPANY : TORCH OPERATING CO.

WELL : STEITSON 2 ST. COM. #1

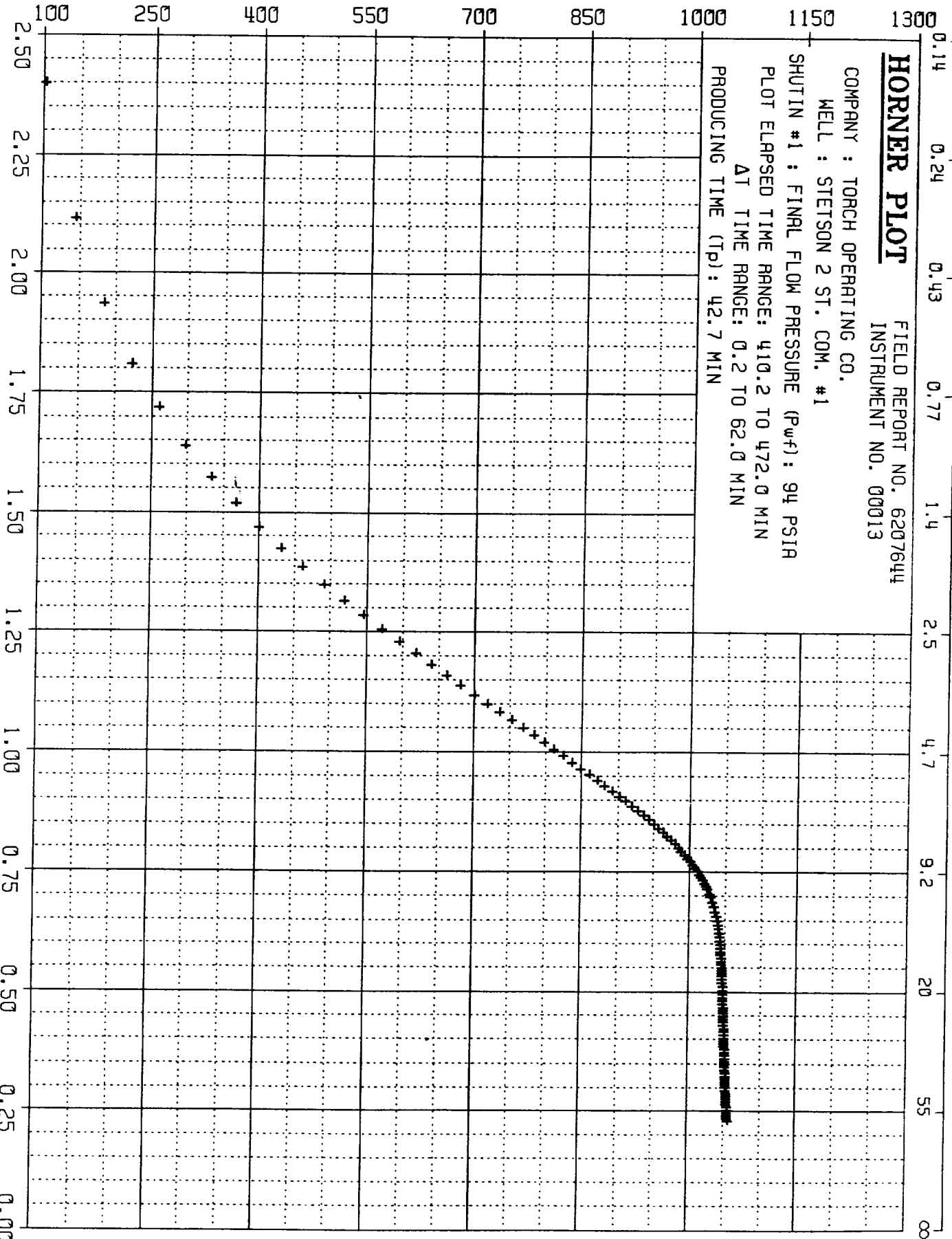
SHUTIN #1 : FINAL FLOW PRESSURE (P_{wf}) : 94 PSIA

PLOT ELAPSED TIME RANGE: 410.2 TO 472.0 MIN

ΔT TIME RANGE: 0.2 TO 62.0 MIN

PRODUCING TIME (T_p) : 42.7 MIN

PRESSURE (PSIA)



$\text{LOG} [(T_p + \Delta T) / \Delta T]$

Schlumberger

 ** WELL TEST DATA PRINTOUT **

COMPANY: TORCH OPERATING CO.
 WELL: STETSON 2 ST. COM. #1

FIELD REPORT NO. 6207644
 INSTRUMENT NO. 00013

RECORDER CAPACITY: 10000 PSI PORT OPENING: INSIDE DEPTH: 10786 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	8:50:00	29-JUN	HYDROSTATIC MUD	364.00	5421.91	162.34
2	8:53:20	29-JUN	START FLOW	367.33	133.58	162.43
3	9:24:40	29-JUN	FLOW POINT	398.67	95.71	162.73
4	9:30:20	29-JUN	CYCLED TOOL	404.33	817.91	166.17
5	9:36:00	29-JUN	END FLOW & START SHUT-IN	410.00	93.94	163.78
6	10:38:00	29-JUN	END SHUT-IN	472.00	1054.99	164.59
7	10:41:10	29-JUN	START FLOW	475.17	64.78	163.60
8	13:40:20	29-JUN	END FLOW & START SHUT-IN	654.33	335.22	158.97
9	19:40:00	29-JUN	END SHUT-IN	1014.00	1033.91	164.84
10	19:46:00	29-JUN	HYDROSTATIC MUD	1020.00	5417.98	166.03

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	367.33	410.00	42.67	133.58	93.94	133.58
2	475.17	654.33	179.16	64.78	335.22	64.78

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	410.00	472.00	62.00	93.94	1054.99	93.94	42.67
2	654.33	1014.00	359.67	335.22	1033.91	335.22	221.83

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 335.22 PSIA
PRODUCING TIME = 221.83 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
15:20:20	29-JUN	754.33	100.00	162.95	1009.93	674.71	0.5076
15:25:20	29-JUN	759.33	105.00	163.00	1011.09	675.87	0.4931
15:30:20	29-JUN	764.33	110.00	163.08	1012.17	676.95	0.4795
15:35:20	29-JUN	769.33	115.00	163.11	1012.98	677.76	0.4667
15:40:20	29-JUN	774.33	120.00	163.18	1013.99	678.77	0.4546
15:45:20	29-JUN	779.33	125.00	163.24	1014.63	679.41	0.4432
15:50:20	29-JUN	784.33	130.00	163.29	1015.56	680.34	0.4324
15:55:20	29-JUN	789.33	135.00	163.35	1016.23	681.01	0.4221
16:00:20	29-JUN	794.33	140.00	163.40	1017.21	681.99	0.4124
16:05:20	29-JUN	799.33	145.00	163.44	1017.77	682.55	0.4031
16:10:20	29-JUN	804.33	150.00	163.49	1018.75	683.53	0.3943
16:15:20	29-JUN	809.33	155.00	163.53	1019.21	683.99	0.3858
16:20:20	29-JUN	814.33	160.00	163.58	1019.67	684.45	0.3778
16:25:20	29-JUN	819.33	165.00	163.62	1020.40	685.18	0.3700
16:30:20	29-JUN	824.33	170.00	163.67	1020.79	685.57	0.3626
16:35:20	29-JUN	829.33	175.00	163.71	1021.46	686.24	0.3556
16:40:20	29-JUN	834.33	180.00	163.74	1021.94	686.72	0.3488
16:55:20	29-JUN	849.33	195.00	163.85	1023.52	688.30	0.3299
17:10:20	29-JUN	864.33	210.00	163.98	1024.93	689.71	0.3131
17:25:20	29-JUN	879.33	225.00	164.08	1026.09	690.87	0.2980
17:40:20	29-JUN	894.33	240.00	164.17	1027.26	692.04	0.2843
17:55:20	29-JUN	909.33	255.00	164.28	1028.37	693.15	0.2718
18:10:20	29-JUN	924.33	270.00	164.37	1029.13	693.91	0.2605
18:25:20	29-JUN	939.33	285.00	164.44	1030.45	695.23	0.2500
18:40:20	29-JUN	954.33	300.00	164.53	1031.11	695.89	0.2404
18:55:20	29-JUN	969.33	315.00	164.61	1031.64	696.42	0.2315
19:10:20	29-JUN	984.33	330.00	164.68	1032.40	697.18	0.2233
19:25:20	29-JUN	999.33	345.00	164.75	1033.38	698.16	0.2156
19:40:00	29-JUN	1014.00	359.67	164.84	1033.91	698.69	0.2086