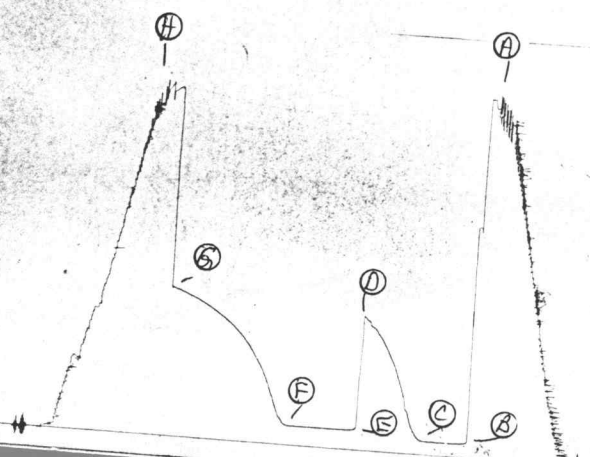


1051 DST#1



KT 11737

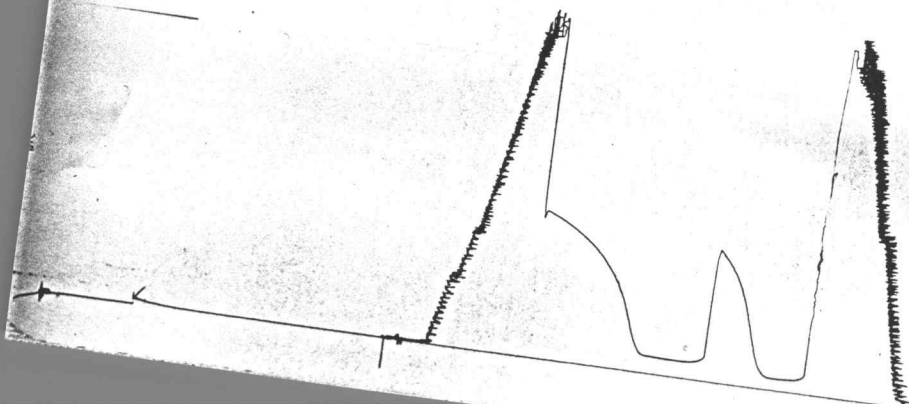
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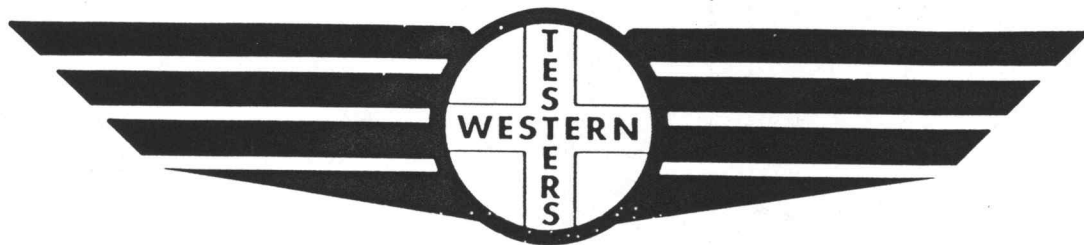
12251 DST#1

TK4 11737

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY PETRO LOCATORS, INC. LEASE & WELL NO. #1-10 CORNWELL SEC. 10 TWP. 24S RGE. 14W TEST NO. 1 DATE 2/16/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	2/16-17/87	TICKET	:	11737
CUSTOMER	:	PETRO LOCATORS INC.	LEASE	:	CORNWELL
WELL	:	#1-10 TEST: 1	GEOLOGIST	:	S. ALBERG
ELEVATION	:	1967 KB	FORMATION	:	KC "H" ZONE
SECTION	:	10	TOWNSHIP	:	24S
RANGE	:	14W	STATE	:	KANSAS
GAUGE SN#	:	1051	CLOCK	:	12
		COUNTY : STAFFORD			
		RANGE : 4200			

INTERVAL FROM	:	3790	TO	:	3813	TOTAL DEPTH	:	3813
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3785	SIZE	:	6.63			
PACKER DEPTH	:	3790	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	DUKE DRILLING	RIG #1		
MUD TYPE	:	STARCH	VISCOSITY	:	56
WEIGHT	:	9.5	WATER LOSS (CC)	:	6.8
CHLORIDES (PPM)	:	36000			
JARS-MAKE	:	NO	SERIAL NUMBER	:	
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	942	FT	I.D. inch	:	2.25
DRILL PIPE LENGTH	:	2828	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	23	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 FH

BLOW COMMENT #1 : STRONG BLOW 10 MINUTES INTO THE INITIAL FLOW.
BLOW COMMENT #2 : STRONG BLOW ON THE FINAL FLOW.
BLOW COMMENT #3 : NO GAS TO SURFACE.
BLOW COMMENT #4 :

RECOVERED : 90 FT OF: GAS & SLIGHTLY OIL CUT MUD
40% GAS-3% OIL-57% MUD

RECOVERED : 60 FT OF: MUDDY WATER (3% OIL)
CHLORIDES: 73000 PPM

Total Barrels Fluid = 0.74
Total Fluid Prod Rate = 14.16 BFPD
Indicated Oil Rate = 0.42 BOPD
Indicated Wtr Rate = 9.72 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 180 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	2:25 AM	TIME STARTED OFF BOTTOM :	5:55 AM
WELL TEMPERATURE :	109		
INITIAL HYDROSTATIC PRESSURE		(A)	1988
INITIAL FLOW PERIOD MIN:	30	(B)	66 PSI TO (C) : 66
INITIAL CLOSED IN PERIOD MIN:	51	(D)	738
FINAL FLOW PERIOD MIN:	45	(E)	102 PSI TO (F) : 102
FINAL CLOSED IN PERIOD MIN:	96	(G)	827
FINAL HYDROSTATIC PRESSURE		(H)	1938

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : PETRO LOCATORS INC.
RIG : STAFFORD-KANSAS
FIELD : CORNWELL
WELL : #1-10
DATE : 2/16-17/87
GAUGE NO : 1051

OPERATIONAL COMMENTS

RECOVERED 180 FEET OF GAS ABOVE FLUID.

COMPANY : PETRO LOCATORS INC.
WELL : #1-10
GAUGE # : 1051
DATE : 17/ 2/87

FIELD : CORNWELL
JOB # : 11737
DEPTH : 3813
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	2:25: 0	0.000	66.000	109.00	0.000
2	2:29:59	0.083	66.000	109.00	0.000
3	2:35: 0	0.167	66.000	109.00	0.000
4	2:40: 0	0.250	66.000	109.00	0.000
5	2:44:59	0.333	66.000	109.00	0.000
6	2:50: 0	0.417	66.000	109.00	0.000
7	2:55: 0	0.500	66.000	109.00	0.000
8	2:58: 0	0.550	69.000	109.00	3.000
9	3: 1: 0	0.600	79.000	109.00	10.000
10	3: 4: 0	0.650	112.000	109.00	33.000
11	3: 7: 0	0.700	156.000	109.00	44.000
12	3:10: 0	0.750	225.000	109.00	69.000
13	3:13: 0	0.800	301.000	109.00	76.000
14	3:16: 0	0.850	367.000	109.00	66.000
15	3:19: 0	0.900	426.000	109.00	59.000
16	3:22: 0	0.950	486.000	109.00	60.000
17	3:25: 0	1.000	531.000	109.00	45.000
18	3:28: 0	1.050	572.000	109.00	41.000
19	3:31: 0	1.100	609.000	109.00	37.000
20	3:34: 0	1.150	637.000	109.00	28.000
21	3:37: 0	1.200	669.000	109.00	32.000
22	3:40: 0	1.250	683.000	109.00	14.000
23	3:43: 0	1.300	714.000	109.00	31.000
24	3:46: 0	1.350	738.000	109.00	24.000
25	3:47: 0	1.367	102.000	109.00	-636.000
26	3:50:59	1.433	102.000	109.00	0.000
27	3:56: 0	1.517	102.000	109.00	0.000
28	4: 1: 0	1.600	102.000	109.00	0.000
29	4: 5:59	1.683	102.000	109.00	0.000
30	4:11: 0	1.767	102.000	109.00	0.000
31	4:16: 0	1.850	102.000	109.00	0.000
32	4:20:59	1.933	102.000	109.00	0.000
33	4:26: 0	2.017	102.000	109.00	0.000
34	4:31: 0	2.100	102.000	109.00	0.000
35	4:33:59	2.150	102.000	109.00	0.000
36	4:36:59	2.200	103.000	109.00	1.000
37	4:40: 0	2.250	114.000	109.00	11.000
38	4:43: 0	2.300	146.000	109.00	32.000
39	4:46: 0	2.350	190.000	109.00	44.000
40	4:48:59	2.400	256.000	109.00	66.000
41	4:51:59	2.450	314.000	109.00	58.000
42	4:55: 0	2.500	366.000	109.00	52.000
43	4:58: 0	2.550	414.000	109.00	48.000
44	5: 1: 0	2.600	452.000	109.00	38.000
45	5: 3:59	2.650	487.000	109.00	35.000
46	5: 6:59	2.700	521.000	109.00	34.000
47	5:10: 0	2.750	549.000	109.00	28.000
48	5:13: 0	2.800	577.000	109.00	28.000
49	5:16: 0	2.850	599.000	109.00	22.000
50	5:18:59	2.900	621.000	109.00	22.000
51	5:21:59	2.950	641.000	109.00	20.000
52	5:25: 0	3.000	660.000	109.00	19.000

COMPANY : PETRO LOCATORS INC.

WELL : #1-10

GAUGE # : 1051

DATE : 17/ 2/87

FIELD : CORNWELL

JOB # : 11737

DEPTH : 3813. . .

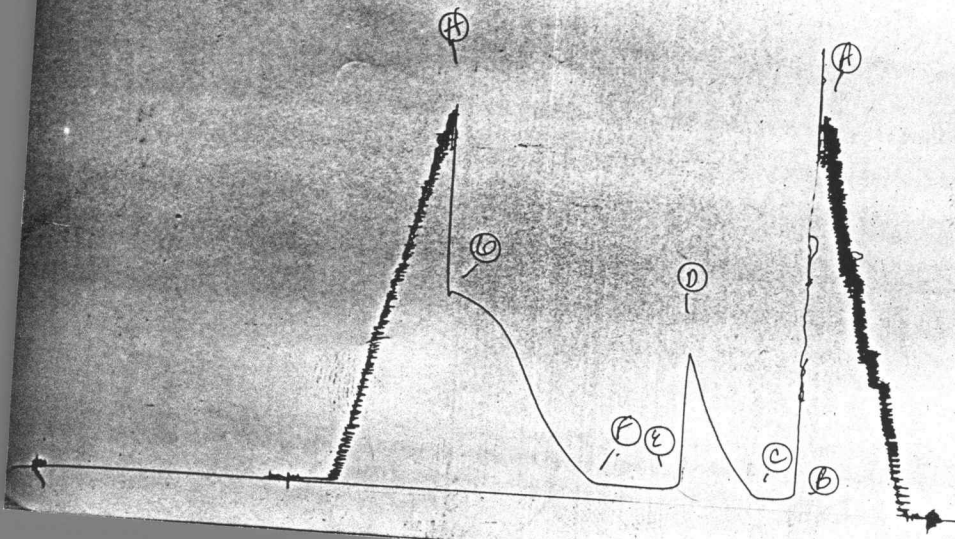
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	5:28: 0	3.050	678.000	109.00	18.000
54	5:31: 0	3.100	692.000	109.00	14.000
55	5:33:59	3.150	709.000	109.00	17.000
56	5:36:59	3.200	723.000	109.00	14.000
57	5:40: 0	3.250	737.000	109.00	14.000
58	5:43: 0	3.300	748.000	109.00	11.000
59	5:46: 0	3.350	761.000	109.00	13.000
60	5:48:59	3.400	772.000	109.00	11.000
61	5:51:59	3.450	783.000	109.00	11.000
62	5:55: 0	3.500	793.000	109.00	10.000
63	5:58: 0	3.550	802.000	109.00	9.000
64	6: 1: 0	3.600	813.000	109.00	11.000
65	6: 3:59	3.650	821.000	109.00	8.000
66	6: 6:59	3.700	827.000	109.00	6.000

WESTERN TESTING CO. INC.

13254 DST #2

Trt # 11738

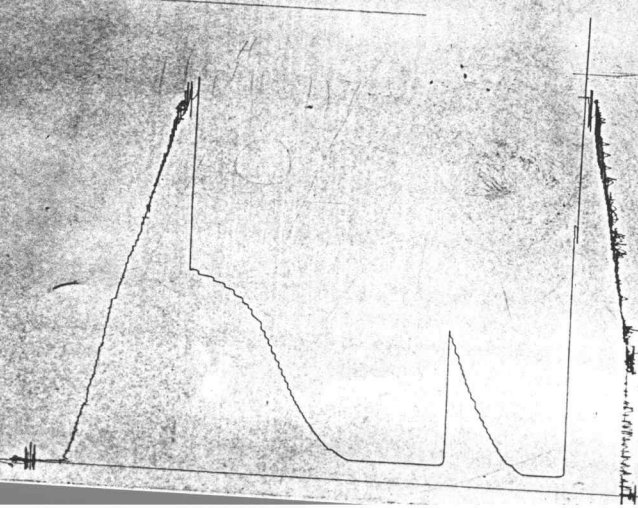


1051 031#2

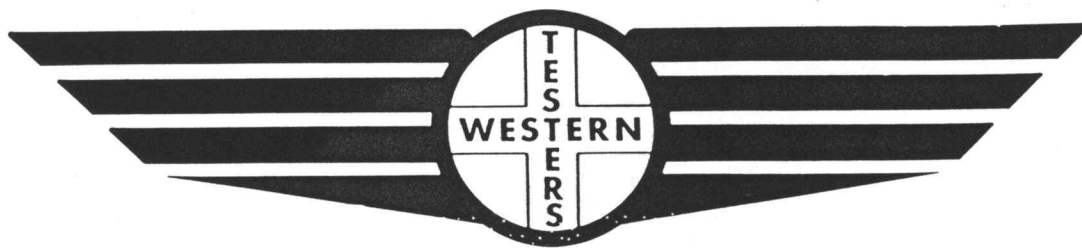


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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY, PETRO LOCATORS, INC. LEASE & WELL NO. #1-10 CORNWELL SEC. 10 TWP. 24S RGE. 14W TEST NO. 2 DATE 2/18/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 2-18-87	TICKET	: 11738
CUSTOMER	: PETRO LOCATORS INC.	LEASE	: CORNWELL
WELL	: #1-10 TEST: 2	GEOLOGIST	: S. ALBERG
ELEVATION	: 1967	FORMATION	: MISSISSIPPI
SECTION	: 10	TOWNSHIP	: 24S
RANGE	: 14W	COUNTY	: STAFFORD
Gauge SN#	: 13521	STATE	: KANSAS
		CLOCK	: 12
		RANGE	: 4375

INTERVAL FROM	: 4057	TO	: 4078	TOTAL DEPTH	: 4078
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4052	SIZE	: 6.63		
PACKER DEPTH	: 4057	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: DUKE DRILLING		
MUD TYPE	: STARCH	VISCOSITY	: 49
WEIGHT	: 9.6	WATER LOSS (CC)	: 8.8
CHLORIDES (PPM)	: -		
JARS-MAKE	: NO	SERIAL NUMBER	:
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 942	FT	I.D. inch	: 2.50
DRILL PIPE LENGTH	: 3095	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 20	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 21	FT	ANCHOR SIZE	: 5.50
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	: .75
MAIN HOLE SIZE	: 7.875	IN	TOOL JOINT SIZE	: 4.5 FH

BLOW COMMENT #1 : STRONG BLOW IN 10 MINUTES ON THE INITIAL FLOW.
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 65 FT OF: GAS & OIL CUT MUD
20% GAS-10% OIL-70% MUD
RECOVERED : 65 FT OF: HEAVY OIL & GAS CUT MUD
30% GAS-60% OIL-10% MUD
RECOVERED : 10 FT OF: FREE OIL

Total Barrels Fluid = 0.85
Total Fluid Prod Rate = 14.40 BFPD
Indicated Oil Rate = 5.71 BOPD
Indicated Wtr Rate = 4.81 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 2000 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 9:30 AM TIME STARTED OFF BOTTOM : 2:00 PM
WELL TEMPERATURE : 118
INITIAL HYDROSTATIC PRESSURE (A) 2214
INITIAL FLOW PERIOD MIN: 25 (B) 51 PSI TO (C) : 51
INITIAL CLOSED IN PERIOD MIN: 57 (D) 858
FINAL FLOW PERIOD MIN: 60 (E) 72 PSI TO (F) : 77
FINAL CLOSED IN PERIOD MIN: 117 (G) 1125
FINAL HYDROSTATIC PRESSURE (H) 2154

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : PETRO LOCATORS INC.
RIG : STAFFORD-KANSAS
FIELD : CORNWELL
WELL : #1-10
DATE : 2-18-87
GAUGE NO : 13521

OPERATIONAL COMMENTS

RECOVERED 2000 FEET OF GAS ABOVE FLUID.

COMPANY : PETRO LOCATORS INC.
WELL : #1-10
GAUGE # : 13521
DATE : 18/ 2/87

FIELD : CORNWELL
JOB # : 11738
DEPTH : 4078
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	9:30: 0	0.000	51.000	118.00	0.000
2	9:34:59	0.083	51.000	118.00	0.000
3	9:40: 0	0.167	51.000	118.00	0.000
4	9:45: 0	0.250	51.000	118.00	0.000
5	9:49:59	0.333	51.000	118.00	0.000
6	9:55: 0	0.417	51.000	118.00	0.000
7	9:58: 0	0.467	64.000	118.00	13.000
8	10: 1: 0	0.517	91.000	118.00	27.000
9	10: 4: 0	0.567	117.000	118.00	26.000
10	10: 7: 0	0.617	146.000	118.00	29.000
11	10:10: 0	0.667	175.000	118.00	29.000
12	10:13: 0	0.717	206.000	118.00	31.000
13	10:16: 0	0.767	238.000	118.00	32.000
14	10:19: 0	0.817	277.000	118.00	39.000
15	10:22: 0	0.867	312.000	118.00	35.000
16	10:25: 0	0.917	360.000	118.00	48.000
17	10:28: 0	0.967	403.000	118.00	43.000
18	10:31: 0	1.017	451.000	118.00	48.000
19	10:34: 0	1.067	502.000	118.00	51.000
20	10:37: 0	1.117	559.000	118.00	57.000
21	10:40: 0	1.167	622.000	118.00	63.000
22	10:43: 0	1.217	687.000	118.00	65.000
23	10:46: 0	1.267	753.000	118.00	66.000
24	10:49: 0	1.317	819.000	118.00	66.000
25	10:52: 0	1.367	858.000	118.00	39.000
26	10:53: 0	1.383	72.000	118.00	-786.000
27	10:56:59	1.450	72.000	118.00	0.000
28	11: 2: 0	1.533	72.000	118.00	0.000
29	11: 7: 0	1.617	72.000	118.00	0.000
30	11:12: 0	1.700	72.000	118.00	0.000
31	11:17: 0	1.783	72.000	118.00	0.000
32	11:22: 0	1.867	72.000	118.00	0.000
33	11:27: 0	1.950	73.000	118.00	1.000
34	11:32: 0	2.033	74.000	118.00	1.000
35	11:37: 0	2.117	75.000	118.00	1.000
36	11:41:59	2.200	76.000	118.00	1.000
37	11:47: 0	2.283	77.000	118.00	1.000
38	11:52: 0	2.367	77.000	118.00	0.000
39	11:55: 0	2.417	81.000	118.00	4.000
40	11:58: 0	2.467	93.000	118.00	12.000
41	12: 1: 0	2.517	113.000	118.00	20.000
42	12: 4: 0	2.567	137.000	118.00	24.000
43	12: 7: 0	2.617	158.000	118.00	21.000
44	12:10: 0	2.667	180.000	118.00	22.000
45	12:13: 0	2.717	207.000	118.00	27.000
46	12:16: 0	2.767	236.000	118.00	29.000
47	12:19: 0	2.817	261.000	118.00	25.000
48	12:22: 0	2.867	289.000	118.00	28.000
49	12:25: 0	2.917	323.000	118.00	34.000
50	12:28: 0	2.967	355.000	118.00	32.000
51	12:31: 0	3.017	391.000	118.00	36.000
52	12:34: 0	3.067	423.000	118.00	32.000

COMPANY : PETRO LOCATORS INC.
WELL : #1-10
GAUGE # : 13521
DATE : 18/12/87

FIELD : CORNWELL
JOB # : 11738
DEPTH : 4078
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	12:37: 0	3.117	459.000	118.00	36.000
54	12:40: 0	3.167	506.000	118.00	47.000
55	12:43: 0	3.217	552.000	118.00	46.000
56	12:46: 0	3.267	597.000	118.00	45.000
57	12:49: 0	3.317	646.000	118.00	49.000
58	12:52: 0	3.367	697.000	118.00	51.000
59	12:55: 0	3.417	742.000	118.00	45.000
60	12:58: 0	3.467	788.000	118.00	46.000
61	13: 1: 0	3.517	830.000	118.00	42.000
62	13: 4: 0	3.567	868.000	118.00	38.000
63	13: 7: 0	3.617	902.000	118.00	34.000
64	13:10: 0	3.667	933.000	118.00	31.000
65	13:13: 0	3.717	961.000	118.00	28.000
66	13:16: 0	3.767	985.000	118.00	24.000
67	13:19: 0	3.817	1006.000	118.00	21.000
68	13:22: 0	3.867	1022.000	118.00	16.000
69	13:25: 0	3.917	1037.000	118.00	15.000
70	13:28: 0	3.967	1054.000	118.00	17.000
71	13:31: 0	4.017	1067.000	118.00	13.000
72	13:34: 0	4.067	1079.000	118.00	12.000
73	13:37: 0	4.117	1191.000	118.00	112.000
74	13:40: 0	4.167	1101.000	118.00	-90.000
75	13:43: 0	4.217	1110.000	118.00	9.000
76	13:46: 0	4.267	1118.000	118.00	8.000
77	13:49: 0	4.317	1125.000	118.00	7.000

WESTERN TESTING CO. INC.