

15-007-23076

4-33s-12w



Ricketts Testing, Inc.

Company VAL ENERGY, INC. Lease & Well No. SPRINGER #1-4
 Elevation 1582 GL Formation MISSISSIPPI Ticket No. 2563
 Date 10-25-06 Sec. 4 Twp. 33S Range 12W County BARBER State KS
 Test Approved by K. TODD ALLAM Ricketts Representative RICHARD HOLTZ

Formation Test No. 1 Interval Tested from 4470 ft. to 4508 ft. Total Depth 4508 ft.
 Packer Depth 4470 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 4465 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Top Recorder Depth (Inside) 4475 ft. Recorder Number W1119 Cap. 10000
 Bottom Recorder Depth (Outside) 4478 ft. Recorder Number 13564 Cap. 4475
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor VAL DRILLING RIG #3 Drill Collar Length 186 I.D. 2.25 in.
 Mud Type CHEMICAL Viscosity 45 Weight Pipe Length _____ I.D. _____ in.
 Weight 9.4 Water Loss 10.2 cc. Drill Pipe Length 4257 I.D. 3.25 in.
 Chlorides 5000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
 Bars: Make STERLING Serial Number 808 Anchor Length 38 ft. Size 5 1/2 in.
 Mud Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Flow: STRONG BLOW INITIAL FLOW PERIOD. BOTTOM OF BUCKET IN 30 SECONDS. GAS TO SURFACE IN 35 MIN.
GAS GAUGED 118MCFPD. STRONG BLOW FINAL FLOW PERIOD. BOTTOM OF BUCKET INSTANTLY. GAS GAUGED
79MCFPD TO 59 MCFPD.

Recovered 60 ft. of GASSY OIL CUT MUD. 13% GAS 13% OIL 74% MUD
 Recovered 300 ft. of GASSY WATER & MUD CUT OIL. 25% GAS 10% WATER 19% MUD 46% OIL
 Recovered 120 ft. of GASSY WATER & MUD CUT OIL. 7% GAS 8% WATER 30% MUD 55% OIL
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 5:30 P.M. Time Started Off Bottom 9:00 P.M. Maximum Temperature 125°
 Initial Hydrostatic Pressure(A) 2268 P.S.I.
 Initial Flow PeriodMinutes 45 (B) 107 P.S.I. to
 (C) 120 P.S.I.
 Initial Closed In PeriodMinutes 60 (D) 1499 P.S.I.
 Final Flow PeriodMinutes 45 (E) 138 P.S.I. to
 (F) 176 P.S.I.
 Final Closed In PeriodMinutes 60 (G) 1467 P.S.I.
 Final Hydrostatic Pressure(H) 2184 P.S.I.



Ricketts Testing, Inc.

GAS FLOW REPORT

Date 10-25-06 Ticket 2563 Company VAL ENERGY, INC.
Well Name and No. SPRINGER #1-4 Dst No. 1 Interval Tested 4470' TO 4508'
County BARBER State KANSAS Sec 4 Twp 33S Rg 12W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I on Merla Orifice Well Tester	P.S.I on Pitot Tester	P.S.I on Side Static Tester	P.S.I on U-Tube Tester	Description of Flow
1/2" ORIFICE			PRE FLOW			
6:15	10	10.5				118,000 CFPD

3/4" ORIFICE			SECOND FLOW			
7:25	10	31 IOW				79,000 CFPD
7:35	20	19 IOW				61,900 CFPD
7:45	30	19 IOW				61,900 CFPD
8:00	45	17.5 IOW				59,000 CFPD

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure steel gas bottles. Ricketts Testing shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Ricketts Testing within thirty (30) days free of charge or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

Pressure Test Report

COMPANY INFORMATION

Company Name	Val Energy Inc.
Representative	K. Todd Allam
Phone	
Fax	
Address	

E-Mail Address
Service Company

WELL INFORMATION

Well Name	Springer #1-4
Well Location	4-33s-12w 50'S NWNW SE
Field and Pool	Medicine Lodge Boggs
Status (Oil, Gas, Water, Injection)	Oil and Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Val Drilling #3
Elevations	
Kelly Bushing (KB)	1592KB
Casing Flange (CF)	
KB-CF	
Ground Level	1582GL
Plug Back Total Depth	
Total Depth	4508TD
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #1 4470 to 4508
Date(s) of Test	10-25-2006
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	10-25-2006 45-60-45-60
Date / Time on Bottom	10-25-2006 5:30pm
Date / Time off Bottom	10-25-2006 9:00pm

Probe Serial Number	
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	4475

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	2350.8 psig
Maximum Recorded Probe Temperature	128.5 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	



Company Name	Val Energy Inc.
Well Name	Springer #1-4
Type of Test	DST #1 4470 to 4508
Date(s) of Test	10-25-2006

COMMENTS

Reported By

Richard Holtz

Initial Flow, strong blow, bottom of the bucket in 30 sec. gas to surface in 35 min. gas gauged 118,000 CF/D. Final Flow, strong blow, bottom of the bucket instantly gas to surface instantly, gas gauged 79,000 CF/D to 59,000 CF/D.

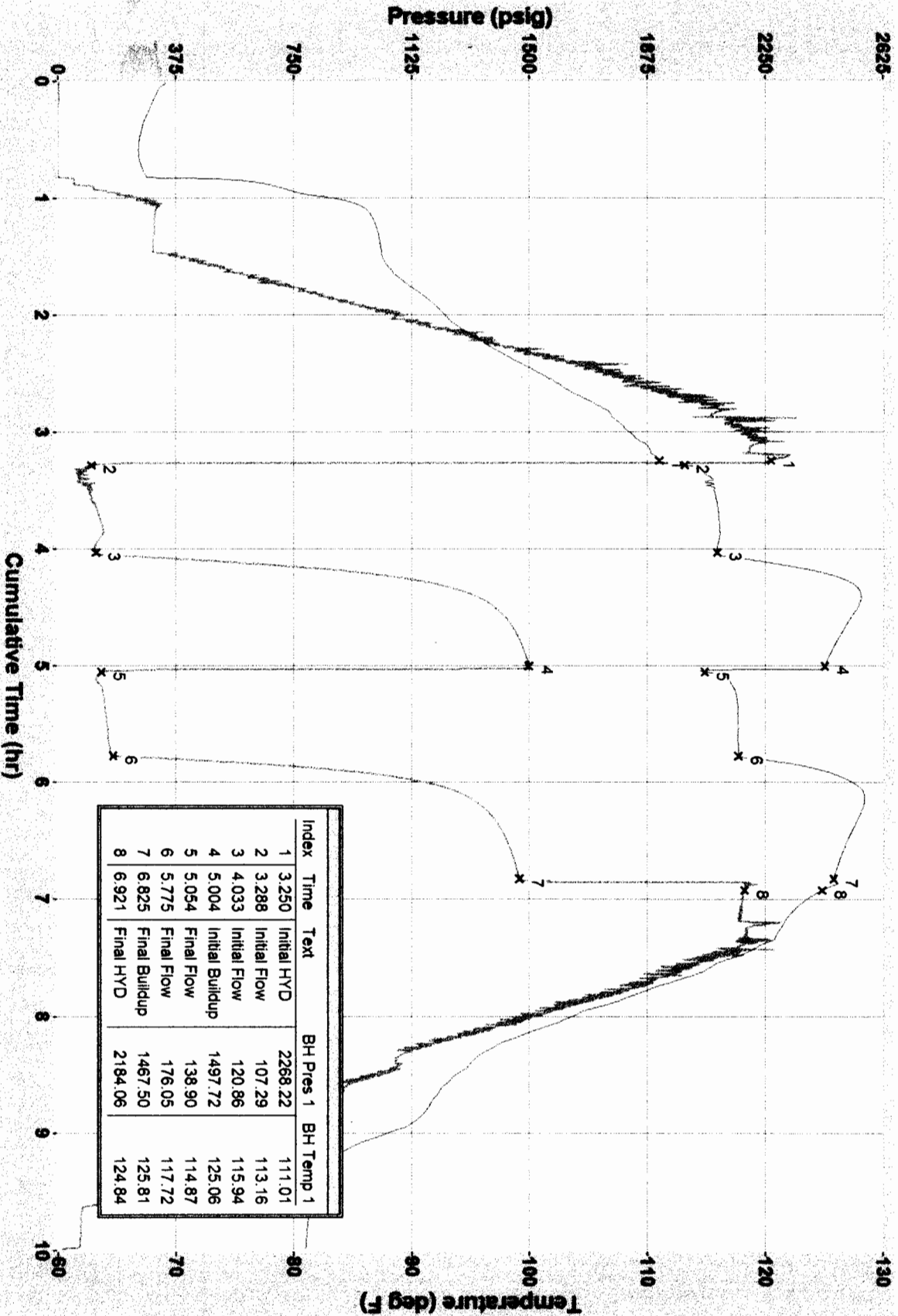
Recovery: 60' gassy oil cut mud (13% gas 13% oil and 74% mud) 300' gassy water and mud cut oil (25% gas, 10% water, 19% mud and 46% oil) and 120' gassy water and mud cut oil (7% gas, 8% water, 30% mud and 55% oil). Chlorides: 85,000 ppm.

Company Name Val Energy Inc.
Well Name Springer #1-4
Type of Test DST #1 4470 to 4508
Date(s) of Test 10-25-2006

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2006/10/25	20:01:35	5.7917	305.129	118.762
2006/10/25	20:04:05	5.8333	579.056	121.737
2006/10/25	20:06:35	5.8750	798.258	123.946
2006/10/25	20:09:05	5.9167	963.855	125.472
2006/10/25	20:11:35	5.9583	1083.234	126.588
2006/10/25	20:14:05	6.0000	1168.199	127.445
2006/10/25	20:16:35	6.0417	1228.363	128.048
2006/10/25	20:19:05	6.0833	1271.838	128.354
2006/10/25	20:21:35	6.1250	1304.357	128.455
2006/10/25	20:24:05	6.1667	1329.713	128.431
2006/10/25	20:26:35	6.2083	1350.189	128.334
2006/10/25	20:29:05	6.2500	1366.865	128.154
2006/10/25	20:31:35	6.2917	1381.018	127.974
2006/10/25	20:34:05	6.3333	1393.304	127.771
2006/10/25	20:36:35	6.3750	1403.756	127.582
2006/10/25	20:39:05	6.4167	1412.843	127.360
2006/10/25	20:41:35	6.4583	1421.164	127.168
2006/10/25	20:44:05	6.5000	1428.263	126.973
2006/10/25	20:46:35	6.5417	1434.953	126.793
2006/10/25	20:49:05	6.5833	1440.853	126.635
2006/10/25	20:51:35	6.6250	1446.298	126.473
2006/10/25	20:54:05	6.6667	1451.345	126.316
2006/10/25	20:56:35	6.7083	1456.053	126.172
2006/10/25	20:59:05	6.7500	1460.363	126.030
2006/10/25	21:01:35	6.7917	1464.363	125.901
Final Buildup				
2006/10/25	21:03:35	6.8250	1467.504	125.807
2006/10/25	21:04:05	6.8333	1468.089	125.773
2006/10/25	21:06:35	6.8750	2194.651	125.928
2006/10/25	21:09:05	6.9167	2184.577	124.921
Final HYD				
2006/10/25	21:09:20	6.9208	2184.057	124.837
2006/10/25	21:11:35	6.9583	2180.775	124.174
2006/10/25	21:14:05	7.0000	2177.264	123.517
2006/10/25	21:16:35	7.0417	2174.546	122.949
2006/10/25	21:19:05	7.0833	2173.684	122.484
2006/10/25	21:21:35	7.1250	2166.236	122.106
2006/10/25	21:24:05	7.1667	2165.165	121.780
2006/10/25	21:26:35	7.2083	2246.251	121.561
2006/10/25	21:29:05	7.2500	2185.251	121.249
2006/10/25	21:31:35	7.2917	2186.324	120.988
2006/10/25	21:34:05	7.3333	2161.861	120.789
2006/10/25	21:36:35	7.3750	2205.072	119.923
2006/10/25	21:39:05	7.4167	2094.288	119.080
2006/10/25	21:41:35	7.4583	2158.864	118.294
2006/10/25	21:44:05	7.5000	2099.679	117.234
2006/10/25	21:46:35	7.5417	2033.875	116.015
2006/10/25	21:49:05	7.5833	1970.207	115.264
2006/10/25	21:51:35	7.6250	1971.041	114.496
2006/10/25	21:54:05	7.6667	1919.203	113.259

Company Name Val Energy Inc.
 Well Name Springer #1-4
 Type of Test DST #1 4470 to 4508
 Date(s) of Test 10-25-2006

Springer #1-4 DST #1





Ricketts Testing, Inc.

Company <u>VAL ENERGY, INC.</u>		Lease & Well No. <u>SPRINGER #1-4</u>	
Elevation <u>1582 G.L.</u>	Formation <u>SIMPSON SAND</u>	Ticket No. <u>2564</u>	
Date <u>10-28-06</u>	Sec. <u>4</u>	Twp. <u>33S</u>	Range <u>12W</u> County <u>BARBER</u> State <u>KS</u>
Test Approved by <u>K. TODD ALLAN</u>		Ricketts Representative <u>RICHARD HOLTZ</u>	
Formation Test No. <u>2</u>		Interval Tested from <u>4857</u> ft.	to <u>4915</u> ft. Total Depth <u>4915</u> ft.
Packer Depth <u>4857</u> ft.	Size <u>6 3/4</u> in.	Packer Depth _____ ft.	Size _____ in.
Packer Depth <u>4852</u> ft.	Size <u>6 3/4</u> in.	Packer Depth _____ ft.	Size _____ in.
Top Recorder Depth (Inside) _____ ft.	<u>4862</u> ft.	Recorder Number <u>W1119</u>	Cap. <u>10000</u>
Bottom Recorder Depth (Outside) _____ ft.	<u>4866</u> ft.	Recorder Number <u>13564</u>	Cap. <u>4475</u>
Flow Straddle Recorder Depth _____ ft.	_____ ft.	Recorder Number _____	Cap. _____
Drilling Contractor <u>VAL DRILLING RIG #3</u>		Drill Collar Length _____	I.D. _____ in.
Mud Type <u>CHEMICAL</u>	Viscosity <u>48</u>	Weight Pipe Length _____	I.D. _____ in.
Weight <u>9.2</u>	Water Loss <u>12</u> cc.	Drill Pipe Length <u>4830</u>	I.D. <u>3.25</u> in.
Chlorides <u>7000</u>	P.P.M.	Test Tool Length <u>27</u> ft.	Tool Size <u>5 1/2</u> in.
Bars: Make <u>STERLING</u>	Serial Number <u>808</u>	Anchor Length <u>58</u> ft.	Size <u>5 1/2</u> in.
Id Well Flow? <u>NO</u>	Reversed Out <u>NO</u>	Surface Choke Size <u>3/4</u> in.	Bottom Choke Size <u>3/4</u> in.
Gravity Oil _____	_____	Main Hole Size <u>7 7/8</u> in.	Tool Joint Size <u>4 1/2</u> XH in.
Flow: <u>WEAK BLOW BUILDING TO A STRONG BLOW INITIAL FLOW PERIOD. BOTTOM OF BUCKET IN 10 MIN. GAS TO SURFACE IN 14 MIN. GAS GAUGED 16,700 CFPD. WEAK BLOW BUILDING TO A STRONG BLOW FINAL FLOW PERIOD BOTTOM OF BUCKET IN 40 MIN. GAS TO SURFACE IN 45 MIN.</u>			
Recovered _____ ft. of	<u>GASSY WATER CUT MUD WITH FREE OIL ON TOOL. 10% GAS 45% WATER 45% MUD</u>		
Recovered _____ ft. of	_____		
Recovered _____ ft. of	_____		
Recovered _____ ft. of	_____		
Recovered _____ ft. of	_____		
Remarks: <u>DST FLUID CHLORIDES 52,000 PPM</u>	_____		
Time Set Packer (s) <u>3:56</u> A.M. Time Started Off Bottom <u>6:56</u> A.M. Maximum Temperature <u>125°</u>			
Initial Hydrostatic Pressure.....(A)	<u>2418</u>	P.S.I.	
Initial Flow PeriodMinutes <u>30</u>	(B) <u>44</u>	P.S.I.	to
	(C) <u>83</u>	P.S.I.	
Initial Closed In PeriodMinutes <u>45</u>	(D) <u>1605</u>	P.S.I.	
Final Flow PeriodMinutes <u>45</u>	(E) <u>82</u>	P.S.I.	to
	(F) <u>138</u>	P.S.I.	
Final Closed In PeriodMinutes <u>60</u>	(G) <u>1589</u>	P.S.I.	
Final Hydrostatic Pressure.....(H)	<u>2347</u>	P.S.I.	



Ricketts
Testing, Inc.

GAS FLOW REPORT

Date 10-28-06 Ticket 2564 Company VAL ENERGY, INC.
Well Name and No. SPRINGER # 1-4 Dst No. 2 Interval Tested 4857' TO 4915'
County BARBER State KANSAS Sec. 4 Twp 33S Rg 12W

[illegible]

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure steel gas bottles. Ricketts Testing shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Ricketts Testing within thirty (30) days free of charge or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

Company Name Val Energy Inc.
Well Name Springer #1-4
Type of Test DST #2 4857 to 4915
Date(s) of Test 10-28-2006

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2006/10/28	06:43:05	6.3333	1573.983	124.819
2006/10/28	06:45:05	6.3667	1576.825	124.857
2006/10/28	06:47:05	6.4000	1579.434	124.893
2006/10/28	06:49:05	6.4333	1581.855	124.934
2006/10/28	06:51:05	6.4667	1584.126	124.961
2006/10/28	06:53:05	6.5000	1586.349	125.001
2006/10/28	06:55:05	6.5333	1588.305	125.033
Final Buildup				
2006/10/28	06:56:05	6.5500	1589.245	125.051
2006/10/28	06:57:05	6.5667	2395.670	125.209
2006/10/28	06:59:05	6.6000	2341.960	125.285
Final HYD				
2006/10/28	06:59:50	6.6125	2347.448	125.301
2006/10/28	07:01:05	6.6333	2372.662	125.287
2006/10/28	07:03:05	6.6667	2329.809	125.175
2006/10/28	07:05:05	6.7000	2332.789	125.105
2006/10/28	07:07:05	6.7333	2332.178	125.060
2006/10/28	07:09:05	6.7667	2331.320	125.011
2006/10/28	07:11:05	6.8000	2330.185	124.965
2006/10/28	07:13:05	6.8333	2329.211	124.927
2006/10/28	07:15:05	6.8667	2328.068	124.884
2006/10/28	07:17:05	6.9000	2327.198	124.839
2006/10/28	07:19:05	6.9333	2326.201	124.808
2006/10/28	07:21:05	6.9667	2325.402	124.779
2006/10/28	07:23:05	7.0000	2523.139	124.763
2006/10/28	07:25:05	7.0333	2385.653	124.686
2006/10/28	07:27:05	7.0667	2391.417	124.453
2006/10/28	07:29:05	7.1000	2350.637	123.985
2006/10/28	07:31:05	7.1333	2321.085	122.992
2006/10/28	07:33:05	7.1667	2275.000	121.906
2006/10/28	07:35:05	7.2000	2149.541	120.825
2006/10/28	07:37:05	7.2333	2176.281	119.667
2006/10/28	07:39:05	7.2667	2082.228	118.166
2006/10/28	07:41:05	7.3000	2081.485	116.631
2006/10/28	07:43:05	7.3333	2024.274	115.113
2006/10/28	07:45:05	7.3667	1906.799	113.652
2006/10/28	07:47:05	7.4000	1853.418	112.105
2006/10/28	07:49:05	7.4333	1805.197	110.642
2006/10/28	07:51:05	7.4667	1805.017	109.324
2006/10/28	07:53:05	7.5000	1778.495	108.252
2006/10/28	07:55:05	7.5333	1721.051	106.979
2006/10/28	07:57:05	7.5667	1671.468	105.510
2006/10/28	07:59:05	7.6000	1658.790	104.751
2006/10/28	08:01:05	7.6333	1598.190	103.815
2006/10/28	08:03:05	7.6667	1568.005	102.837
2006/10/28	08:05:05	7.7000	1496.406	102.250
2006/10/28	08:07:05	7.7333	1430.049	101.338
2006/10/28	08:09:05	7.7667	1442.410	100.485
2006/10/28	08:11:05	7.8000	1380.984	99.588
2006/10/28	08:13:05	7.8333	1319.291	98.427

Company Name
Well Name
Type of Test
Date(s) of Test

Springer #1-4 DST #2

