Ricketts Testing, Inc.

Company OIL PRODUCERS, INC. OF KANSAS — Lease & Well No. CAROTHERS A #2

Elevation ____ Formation MISSISSIPPI ____ Ticket No. 2147

Date 2-11-04 Sec. 23 Twp. 33S Range 6W County HARPER State KS

Test Approved by WILLIAM SHEPHERD — Ricketts Representative JIM RICKETTS

Formation Test No. 2 Interval Tested from 4372 ft. to 4410 ft. Total Depth 4410 ft.

Packer Depth 4372 ft .Size 6 3/4 in. — Packer Depth ____ ft. Size ____ in.

Packer Depth 4369 ft Size 6 3/4 in. — Packer Depth ____ ft. Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4377 ft. — Recorder Number 11027 Cap. 4275

Bottom Recorder Depth (Outside) 4380 ft. — Recorder Number Z43 Cap. 6000

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ Cap. ____

Drilling Contractor MALLARD DRILLING RIG #1 — Drill Collar Length 246 I.D. 2.25 in

Mud Type CHEMICAL Viscosity 45 — Weight Pipe Length ____ I.D. ____ in

Weight 9.5 Water Loss 9.0 cc. — Drill Pipe Length 4106 I.D. 3.25 in

Chlorides 5,000 P.P.M. — Test Tool Length 20 ft. Tool Size. 5½ in

Jars: Make ____ Serial Number ____ — Anchor Length 38 ft. Size 5½ in

Did 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 4½XH in

Blow: STRONG BLOW. GAS TO SURFACE IN 8 MINUTES INITIAL FLOW PERIOD. GAUGED 132,000 CFPD TO 164,000 CFPD.

Recovered 190 ft. of GAS CUT MUD.

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: ____

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Time Set Packer (s) 12:50 P M. Time Started Off Bottom 4:20 P M. Maximum Temperature 128°

Initial Hydrostatic Pressure	(A)	2244	P.S.I.	
Initial Flow Period Minutes 30	(B)	69	P.S.I.	to
	(C)	55	P.S.I.	
Initial Closed In Period Minutes 45	(D)	1132	P.S.I.	
Final Flow Period Minutes 45	(E)	38	P.S.I.	to
	(F)	57	P.S.I.	
Final Closed In Period Minutes 90	(G)	1133	P.S.I.	
Final Hydrostatic Pressure	(H)	2218	P.S.I.	

Ricketts Testing

GAS FLOW REPORT

Date 2-11-04 Ticket 2147 Company OIL PRODUCERS, INC. OF KANSAS

Well Name and No. CAROTHERS A #2 Dst No. 2 Interval Tested 4372' TO 4410'

County HARPER State KANSAS Sec. 23 Twp. 33S Rg. 6W

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
1¼" ORIFICE				**PRE FLOW**		GAS TO SURFACE IN 8 MINUTES INITIAL FLOW
1:10 PM		9 IOW				132,000 CFPD
1:20 PM		10 IOW				138,000 CFPD
1¼" ORIFICE				**SECOND FLOW**		
2:15 PM	10	14 IOW				164,000 CFPD
2:25 PM	20	14 IOW				164,000 CFPD
2:35 PM	30	14 IOW				164,000 CFPD
2:45 PM	40	14 IOW				164,000 CFPD
2:50	45	14 IOW				164,000 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 _____

FORM 6

Pressure Test Report

COMPANY INFORMATION

Company Name	Oil Producers Inc. Of Kansas
Representative	Bill Shepherd
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	Carothers A #2
Well Location	23-33W- 6E N/2 NW SE
Field and Pool	
Status (Oil, Gas, Water, Injection)	Oil & Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Mallard Rig #1
Elevations	
Kelly Bushing (KB)	
Casing Flange (CF)	
KB-CF	
Ground Level	2167 EST.
Plug Back Total Depth	
Total Depth	4410'
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #2 4372 to 4410'
Date(s) of Test	2-11-2004
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	2-11-2004
Date / Time on Bottom	2-11-2004 @ 12:50 PM
Date / Time off Bottom	2-11-2004 @ 4:20 PM
Probe Serial Number	Z43
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	4377'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	2263.8 psig
Maximum Recorded Probe Temperature	130.7 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	

PROBE INFORMATION

Probe Serial Number	Z43
Model	Level II
Pressure	
Calibrated Pressure Range	0.0 - 6000.0 psig
Accuracy	0.05% FS
Resolution	0.0015% FS
Temperature	
Calibrated Temperature Range	-2.7 - 303.7 deg F
Accuracy	0.25% FS
Resolution	0.002% FS
Calibration File Used for Reports	Z43DE26A.CAL

PROGRAMMING DETAILS

Step	Sample Mode	Period	Duration	Comment
0	Pause	5 seconds	25 seconds	Test mode
1	Pressure Trigger	30 seconds	indefinite	Trig @ 20 psi
2	Normal	3 minutes	45 minutes	
3	Overrun	15 seconds	end of memory	Fill remaining memory

Program Start Time	Feb 11/2004 @ 11:39:31
Program End Time	Feb 11/2004 @ 19:20:31
Total Samples Taken	1680
Usage for this Test	0.0600 Ah
Generic Data File Name	Z43FE11A.GEN

COMMENTS

Reported By James Ricketts

Strong blow gas to surface 8 mins. inital flow period. Gauge 132000cfpd. to 164000 cfpd. Recovery 190' gas cut mud

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/02/11	11:39:31	0.0000	32.387	63.396
2004/02/11	11:42:31	0.0500	103.821	68.774
2004/02/11	11:45:31	0.1000	130.732	73.069
2004/02/11	11:48:31	0.1500	228.578	76.165
2004/02/11	11:51:31	0.2000	318.616	78.492
2004/02/11	11:54:31	0.2500	443.645	80.542
2004/02/11	11:57:31	0.3000	574.878	82.490
2004/02/11	12:00:31	0.3500	684.701	84.483
2004/02/11	12:03:31	0.4000	784.425	86.410
2004/02/11	12:06:31	0.4500	906.649	88.295
2004/02/11	12:09:31	0.5000	1086.817	90.034
2004/02/11	12:12:31	0.5500	1128.737	91.535
2004/02/11	12:15:31	0.6000	1284.710	92.907
2004/02/11	12:18:31	0.6500	1363.577	94.330
2004/02/11	12:21:31	0.7000	1582.484	95.688
2004/02/11	12:24:31	0.7500	1594.019	97.174
2004/02/11	12:26:01	0.7750	1688.857	98.096
2004/02/11	12:27:31	0.8000	1757.794	99.154
2004/02/11	12:29:01	0.8250	1738.920	100.281
2004/02/11	12:30:31	0.8500	1798.861	101.401
2004/02/11	12:32:01	0.8750	1877.270	102.499
2004/02/11	12:33:31	0.9000	2047.627	103.624
2004/02/11	12:35:01	0.9250	1936.682	104.828
2004/02/11	12:36:31	0.9500	2023.417	106.041
2004/02/11	12:38:01	0.9750	2144.175	107.296
2004/02/11	12:39:31	1.0000	2092.911	108.576
2004/02/11	12:41:01	1.0250	2244.384	109.843
2004/02/11	12:42:31	1.0500	2140.542	111.178
2004/02/11	12:44:01	1.0750	2122.139	112.534
2004/02/11	12:45:31	1.1000	2261.523	113.833
2004/02/11	12:47:01	1.1250	2187.133	115.092
2004/02/11	12:48:31	1.1500	2161.782	116.350
2004/02/11	12:50:01	1.1750	2156.710	117.576
Inital HYD				
2004/02/11	12:50:46	1.1875	2244.093	118.159
2004/02/11	12:51:31	1.2000	289.322	118.899
Initial Flow				
2004/02/11	12:53:01	1.2250	69.125	120.013
2004/02/11	12:54:31	1.2500	53.857	120.974
2004/02/11	12:56:01	1.2750	52.439	121.930
2004/02/11	12:57:31	1.3000	48.979	122.869
2004/02/11	12:59:01	1.3250	51.791	123.768
2004/02/11	13:00:31	1.3500	53.995	124.626
2004/02/11	13:02:01	1.3750	49.111	125.429
2004/02/11	13:03:31	1.4000	51.839	126.147
2004/02/11	13:05:01	1.4250	57.259	126.779
2004/02/11	13:06:31	1.4500	50.690	127.359
2004/02/11	13:08:01	1.4750	51.490	127.879
2004/02/11	13:09:31	1.5000	51.546	128.320
2004/02/11	13:11:01	1.5250	52.280	128.707

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/02/11	13:12:31	1.5500	52.773	129.033
2004/02/11	13:14:01	1.5750	54.263	129.295
2004/02/11	13:15:31	1.6000	54.438	129.506
2004/02/11	13:17:01	1.6250	52.272	129.664
2004/02/11	13:18:31	1.6500	51.867	129.772
2004/02/11	13:20:01	1.6750	52.027	129.844
2004/02/11	13:21:31	1.7000	53.055	129.882
2004/02/11	13:23:01	1.7250	53.670	129.897
Initial Flow				
2004/02/11	13:24:31	1.7500	55.195	129.891
2004/02/11	13:26:01	1.7750	647.801	129.783
2004/02/11	13:27:31	1.8000	910.281	129.760
2004/02/11	13:29:01	1.8250	1022.023	129.794
2004/02/11	13:30:31	1.8500	1069.103	129.861
2004/02/11	13:32:01	1.8750	1091.118	129.936
2004/02/11	13:33:31	1.9000	1102.312	129.988
2004/02/11	13:35:01	1.9250	1108.832	130.024
2004/02/11	13:36:31	1.9500	1113.079	130.039
2004/02/11	13:38:01	1.9750	1116.082	130.048
2004/02/11	13:39:31	2.0000	1118.377	130.042
2004/02/11	13:41:01	2.0250	1120.221	130.035
2004/02/11	13:42:31	2.0500	1121.745	130.028
2004/02/11	13:44:01	2.0750	1123.036	130.019
2004/02/11	13:45:31	2.1000	1124.190	130.006
2004/02/11	13:47:01	2.1250	1125.211	130.003
2004/02/11	13:48:31	2.1500	1126.078	129.992
2004/02/11	13:50:01	2.1750	1126.834	129.985
2004/02/11	13:51:31	2.2000	1127.531	129.978
2004/02/11	13:53:01	2.2250	1128.186	129.970
2004/02/11	13:54:31	2.2500	1128.777	129.970
2004/02/11	13:56:01	2.2750	1129.357	129.972
2004/02/11	13:57:31	2.3000	1129.854	129.974
2004/02/11	13:59:01	2.3250	1130.288	129.976
2004/02/11	14:00:31	2.3500	1130.724	129.979
2004/02/11	14:02:01	2.3750	1131.152	129.987
2004/02/11	14:03:31	2.4000	1131.501	129.996
2004/02/11	14:05:01	2.4250	1131.811	130.005
2004/02/11	14:06:31	2.4500	1132.098	130.021
2004/02/11	14:08:01	2.4750	1132.404	130.026
Inital Buildup				
2004/02/11	14:08:31	2.4833	1132.489	130.032
2004/02/11	14:09:31	2.5000	61.455	130.183
Final Flow				
2004/02/11	14:10:01	2.5083	38.837	130.192
2004/02/11	14:11:01	2.5250	51.680	130.165
2004/02/11	14:12:31	2.5500	55.150	130.149
2004/02/11	14:14:01	2.5750	46.906	130.181
2004/02/11	14:15:31	2.6000	49.727	130.228
2004/02/11	14:17:01	2.6250	51.746	130.267
2004/02/11	14:18:31	2.6500	53.642	130.285

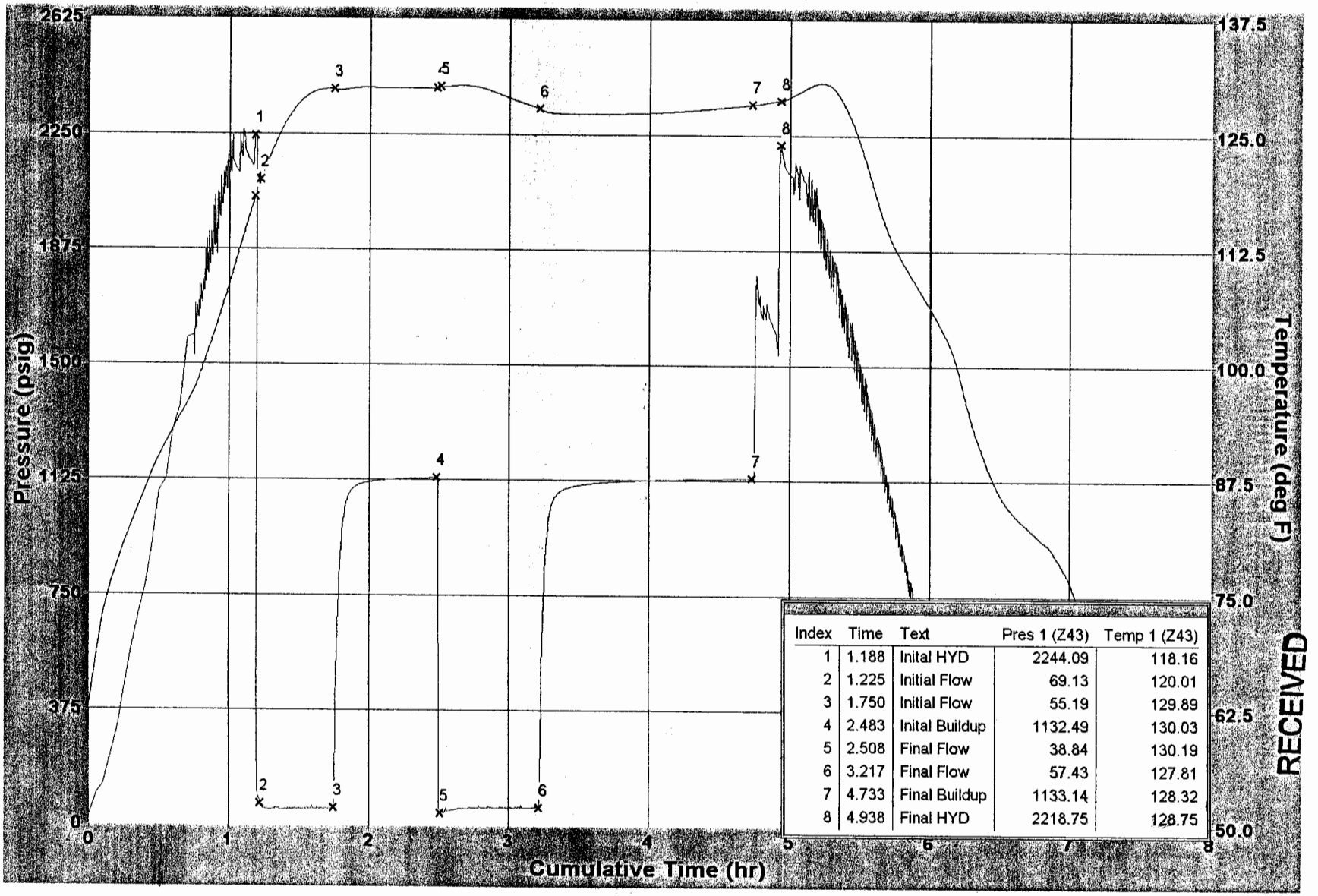
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/02/11	14:20:01	2.6750	53.850	130.293
2004/02/11	14:21:31	2.7000	54.237	130.280
2004/02/11	14:23:01	2.7250	56.649	130.240
2004/02/11	14:24:31	2.7500	55.188	130.194
2004/02/11	14:26:01	2.7750	55.644	130.125
2004/02/11	14:27:31	2.8000	56.185	130.037
2004/02/11	14:29:01	2.8250	55.159	129.931
2004/02/11	14:30:31	2.8500	56.029	129.810
2004/02/11	14:32:01	2.8750	57.551	129.675
2004/02/11	14:33:31	2.9000	55.726	129.535
2004/02/11	14:35:01	2.9250	56.089	129.394
2004/02/11	14:36:31	2.9500	58.679	129.250
2004/02/11	14:38:01	2.9750	57.971	129.106
2004/02/11	14:39:31	3.0000	56.055	128.966
2004/02/11	14:41:01	3.0250	56.354	128.817
2004/02/11	14:42:31	3.0500	58.296	128.682
2004/02/11	14:44:01	3.0750	58.023	128.543
2004/02/11	14:45:31	3.1000	57.337	128.410
2004/02/11	14:47:01	3.1250	57.149	128.286
2004/02/11	14:48:31	3.1500	56.705	128.165
2004/02/11	14:50:01	3.1750	59.443	128.037
2004/02/11	14:51:31	3.2000	58.523	127.902
Final Flow				
2004/02/11	14:52:31	3.2167	57.434	127.812
2004/02/11	14:53:01	3.2250	289.202	127.692
2004/02/11	14:54:31	3.2500	787.651	127.526
2004/02/11	14:56:01	3.2750	972.114	127.425
2004/02/11	14:57:31	3.3000	1040.556	127.364
2004/02/11	14:59:01	3.3250	1069.651	127.326
2004/02/11	15:00:31	3.3500	1084.047	127.305
2004/02/11	15:02:01	3.3750	1092.393	127.292
2004/02/11	15:03:31	3.4000	1097.837	127.288
2004/02/11	15:05:01	3.4250	1101.778	127.283
2004/02/11	15:06:31	3.4500	1104.835	127.281
2004/02/11	15:08:01	3.4750	1107.358	127.283
2004/02/11	15:09:31	3.5000	1109.482	127.281
2004/02/11	15:11:01	3.5250	1111.345	127.276
2004/02/11	15:12:31	3.5500	1112.982	127.278
2004/02/11	15:14:01	3.5750	1114.404	127.276
2004/02/11	15:15:31	3.6000	1115.703	127.269
2004/02/11	15:17:01	3.6250	1116.879	127.272
2004/02/11	15:18:31	3.6500	1117.919	127.270
2004/02/11	15:20:01	3.6750	1118.882	127.272
2004/02/11	15:21:31	3.7000	1119.739	127.272
2004/02/11	15:23:01	3.7250	1120.553	127.274
2004/02/11	15:24:31	3.7500	1121.323	127.276
2004/02/11	15:26:01	3.7750	1122.034	127.279
2004/02/11	15:27:31	3.8000	1122.666	127.288
2004/02/11	15:29:01	3.8250	1123.260	127.294
2004/02/11	15:30:31	3.8500	1123.808	127.301

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/02/11	15:32:01	3.8750	1124.309	127.315
2004/02/11	15:33:31	3.9000	1124.805	127.321
2004/02/11	15:35:01	3.9250	1125.293	127.339
2004/02/11	15:36:31	3.9500	1125.714	127.350
2004/02/11	15:38:01	3.9750	1126.123	127.362
2004/02/11	15:39:31	4.0000	1126.518	127.378
2004/02/11	15:41:01	4.0250	1126.870	127.396
2004/02/11	15:42:31	4.0500	1127.215	127.416
2004/02/11	15:44:01	4.0750	1127.536	127.432
2004/02/11	15:45:31	4.1000	1127.870	127.458
2004/02/11	15:47:01	4.1250	1128.185	127.477
2004/02/11	15:48:31	4.1500	1128.509	127.504
2004/02/11	15:50:01	4.1750	1128.815	127.531
2004/02/11	15:51:31	4.2000	1129.076	127.558
2004/02/11	15:53:01	4.2250	1129.368	127.587
2004/02/11	15:54:31	4.2500	1129.614	127.620
2004/02/11	15:56:01	4.2750	1129.877	127.648
2004/02/11	15:57:31	4.3000	1130.132	127.679
2004/02/11	15:59:01	4.3250	1130.382	127.710
2004/02/11	16:00:31	4.3500	1130.614	127.746
2004/02/11	16:02:01	4.3750	1130.806	127.780
2004/02/11	16:03:31	4.4000	1130.982	127.814
2004/02/11	16:05:01	4.4250	1131.179	127.848
2004/02/11	16:06:31	4.4500	1131.382	127.884
2004/02/11	16:08:01	4.4750	1131.563	127.922
2004/02/11	16:09:31	4.5000	1131.710	127.954
2004/02/11	16:11:01	4.5250	1131.894	127.989
2004/02/11	16:12:31	4.5500	1132.073	128.028
2004/02/11	16:14:01	4.5750	1132.242	128.062
2004/02/11	16:15:31	4.6000	1132.380	128.102
2004/02/11	16:17:01	4.6250	1132.508	128.145
2004/02/11	16:18:31	4.6500	1132.666	128.183
2004/02/11	16:20:01	4.6750	1132.818	128.226
2004/02/11	16:21:31	4.7000	1132.960	128.268
2004/02/11	16:23:01	4.7250	1133.080	128.309
Final Buildup				
2004/02/11	16:23:31	4.7333	1133.138	128.323
2004/02/11	16:24:31	4.7500	1125.821	128.352
2004/02/11	16:26:01	4.7750	1741.440	128.367
2004/02/11	16:27:31	4.8000	1667.919	128.453
2004/02/11	16:29:01	4.8250	1666.585	128.532
2004/02/11	16:30:31	4.8500	1669.149	128.599
2004/02/11	16:32:01	4.8750	1634.204	128.658
2004/02/11	16:33:31	4.9000	1608.475	128.716
2004/02/11	16:35:01	4.9250	2107.456	128.734
Final HYD				
2004/02/11	16:35:46	4.9375	2218.750	128.748
2004/02/11	16:36:31	4.9500	2182.266	128.806
2004/02/11	16:38:01	4.9750	2139.460	128.975
2004/02/11	16:39:31	5.0000	2122.751	129.173

Company Name	Oil Producers Inc. Of Kansas
Well Name	Carothers A #2
Type of Test	DST #2 4372 to 4410'
Date(s) of Test	2-11-2004

Rickets Testing

2-11-2004 DST #2 Carothers A #2



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.188	Inital HYD	2244.09	118.16
2	1.225	Initial Flow	69.13	120.01
3	1.750	Initial Flow	55.19	129.89
4	2.483	Inital Buildup	1132.49	130.03
5	2.508	Final Flow	38.84	130.19
6	3.217	Final Flow	57.43	127.81
7	4.733	Final Buildup	1133.14	128.32
8	4.938	Final HYD	2218.75	128.75

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