Ricketts Testing, Inc.

Company HARRIS OIL & GAS CO. Lease & Well No. M & M FISCHER #1-12

Elevation 1890 K.B. Formation LANSING/KANSAS CITY A B & D Ticket No. 2202

Date 8-31-04 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by KRIS KENNEDY Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 3340 ft. to 3404 ft. Total Depth 3404 ft.

Packer Depth 3340 ft. Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Packer Depth 3337 ft. Size 5 3/4 in. Packer Depth ____ ft. Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3345 ft. Recorder Number 11027 Cap. 4625

Bottom Recorder Depth (Outside) 3348 ft. Recorder Number Z43 Cap. 6000

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

Drilling Contractor STERLING DRILLING RIG #1 Drill Collar Length 242 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 48 Weight Pipe Length ____ I.D. ____ in.

Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 3078 I.D. 3.25 in.

Chlorides 3100 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make ____ Serial Number ____ Anchor Length 64 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 IN 1 MINUTE INITIAL FLOW PERIOD. STRONG BLOW IN 1 MINUTE FINAL FLOW PERIOD.

Recovered 77 ft. of SLIGHTLY OIL CUT MUD. 5% OIL 10% GAS 85% MUD

Recovered 62 ft. of MUD & OIL. 40% MUD 30% OIL 30% GAS

Recovered 62 ft. of MUD & OIL CUT GAS. 25% MUD 25% OIL 50% GAS

Recovered 62 ft. of WATER & OIL CUT MUD. 2% OIL 10% WATER 88% MUD

Recovered 62 ft. of OIL & WATER CUT MUD. 50% MUD 25% WATER 10% OIL 15% GAS

Remarks: DST FLUID CHLORIDES 40,000 PPM

Time Set Packer (s) 11:45 P.M. Time Started Off Bottom 3:30 A.M. Maximum Temperature 111°

Initial Hydrostatic Pressure	(A)	1639	P.S.I.	
Initial Flow Period ..... Minutes 15	(B)	41	P.S.I.	to
	(C)	73	P.S.I.	
Initial Closed In Period ..... Minutes 30	(D)	955	P.S.I.	
Final Flow Period ..... Minutes 30	(E)	68	P.S.I.	to
	(F)	138	P.S.I.	
Final Closed In Period ..... Minutes 120	(G)	975	P.S.I.	
Final Hydrostatic Pressure	(H)	1566	P.S.I.	

Pressure Test Report

COMPANY INFORMATION

Company Name	Harris Oil & Gas Co.
Representative	
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M&M Fisher 1-12
Well Location	12-22S- !3w sw se nw
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil & Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Sterling Rig #1
Elevations	
Kelly Bushing (KB)	1890 KB
Casing Flange (CF)	
KB-CF	
Ground Level	1881GL
Plug Back Total Depth	
Total Depth	3404'
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST&1 3340'to 3404'
Date(s) of Test	8-31-2004
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	8-31-2004
Date / Time on Bottom	8-31-2004 @11:45 PM
Date / Time off Bottom	9-1-2004 @3:30 AM
Probe Serial Number	Z43
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	3345'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1703.2 psig
Maximum Recorded Probe Temperature	111.2 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	Aug 31/2004 @ 22:20:57
Program End Time	Sep 01/2004 @ 07:18:27
Total Samples Taken	1986
Usage for this Test	0.0780 Ah
Generic Data File Name	Z43SE01A.GEN

Company Name	Harris Oil & Gas Co.
Well Name	M&M Fisher 1-12
Type of Test	DST&1 3340'to 3404'
Date(s) of Test	8-31-2004

Rickells Testing

COMMENTS

Reported By James Ricketts

Strong Blow 1 mins. inital flow period. Strong blow 1 mins. final flow period.Recovery ,77'Slighty oil cut mud 5% OIL 10% GAS 85% MUD , 62' Mud & oil 40% mud 30% oil 30% gas ,62' mud & oil cut gas 25% mud 25% oil 50% gas 62' water & oil cut mud 2% oil 10% water 88% mud ,62' oil & water cut mud 50% mud 25% water 10% oil 15% gas , 387' total fl. 1223 gas in pipe . DSt FL. chloride 40,000 PPM

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/08/31	22:20:57	0.0000	36.304	89.184
2004/08/31	22:23:57	0.0500	34.677	90.412
2004/08/31	22:26:57	0.1000	64.093	91.418
2004/08/31	22:29:57	0.1500	85.943	92.201
2004/08/31	22:32:57	0.2000	118.365	92.779
2004/08/31	22:35:57	0.2500	228.374	93.148
2004/08/31	22:38:57	0.3000	294.782	93.241
2004/08/31	22:41:57	0.3500	386.924	93.150
2004/08/31	22:44:57	0.4000	472.627	93.079
2004/08/31	22:47:57	0.4500	624.006	93.081
2004/08/31	22:50:57	0.5000	590.766	93.182
2004/08/31	22:53:57	0.5500	579.437	93.297
2004/08/31	22:56:57	0.6000	633.443	93.394
2004/08/31	22:59:57	0.6500	732.490	93.486
2004/08/31	23:02:57	0.7000	782.660	93.605
2004/08/31	23:05:57	0.7500	805.888	93.774
2004/08/31	23:06:57	0.7667	828.348	93.826
2004/08/31	23:08:57	0.8000	889.271	93.958
2004/08/31	23:10:57	0.8333	1028.922	94.136
2004/08/31	23:12:57	0.8667	971.460	94.354
2004/08/31	23:14:57	0.9000	1009.333	94.599
2004/08/31	23:16:57	0.9333	1066.757	94.870
2004/08/31	23:18:57	0.9667	1136.181	95.160
2004/08/31	23:20:57	1.0000	1181.534	95.504
2004/08/31	23:22:57	1.0333	1257.151	95.878
2004/08/31	23:24:57	1.0667	1314.524	96.285
2004/08/31	23:26:57	1.1000	1364.168	96.719
2004/08/31	23:28:57	1.1333	1436.208	97.191
2004/08/31	23:30:57	1.1667	1506.419	97.695
2004/08/31	23:32:57	1.2000	1521.839	98.242
2004/08/31	23:34:57	1.2333	1559.051	98.776
2004/08/31	23:36:57	1.2667	1703.168	99.316
2004/08/31	23:38:57	1.3000	1583.681	99.889
2004/08/31	23:40:57	1.3333	1633.082	100.431
2004/08/31	23:42:57	1.3667	1590.297	100.965
2004/08/31	23:44:57	1.4000	1571.272	101.431
2004/08/31	23:46:57	1.4333	1556.420	101.833
Inital HYD				
2004/08/31	23:48:42	1.4625	1639.264	102.128
2004/08/31	23:48:57	1.4667	1636.304	102.164
2004/08/31	23:50:57	1.5000	33.706	102.702
Initial Flow				
2004/08/31	23:52:12	1.5208	41.296	102.861
2004/08/31	23:52:57	1.5333	41.834	102.981
2004/08/31	23:54:57	1.5667	45.011	103.338
2004/08/31	23:56:57	1.6000	52.883	103.725
2004/08/31	23:58:57	1.6333	59.127	104.090
2004/09/01	00:00:57	1.6667	64.239	104.430
2004/09/01	00:02:57	1.7000	69.003	104.747
Initial Flow				

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/01	00:04:27	1.7250	73.932	104.968
2004/09/01	00:04:57	1.7333	92.584	105.028
2004/09/01	00:06:57	1.7667	186.739	105.249
2004/09/01	00:08:57	1.8000	315.078	105.431
2004/09/01	00:10:57	1.8333	470.299	105.588
2004/09/01	00:12:57	1.8667	630.418	105.746
2004/09/01	00:14:57	1.9000	755.054	105.892
2004/09/01	00:16:57	1.9333	830.026	106.034
2004/09/01	00:18:57	1.9667	873.580	106.162
2004/09/01	00:20:57	2.0000	899.909	106.275
2004/09/01	00:22:57	2.0333	917.140	106.372
2004/09/01	00:24:57	2.0667	929.135	106.464
2004/09/01	00:26:57	2.1000	937.845	106.542
2004/09/01	00:28:57	2.1333	944.701	106.615
2004/09/01	00:30:57	2.1667	950.037	106.684
2004/09/01	00:32:57	2.2000	954.334	106.745
Inital Buildup				
2004/09/01	00:33:27	2.2083	955.284	106.761
Final Flow				
2004/09/01	00:34:57	2.2333	68.870	106.983
2004/09/01	00:36:57	2.2667	83.496	107.001
2004/09/01	00:38:57	2.3000	92.854	107.035
2004/09/01	00:40:57	2.3333	105.085	107.087
2004/09/01	00:42:57	2.3667	105.579	107.157
2004/09/01	00:44:57	2.4000	105.252	107.247
2004/09/01	00:46:57	2.4333	103.566	107.348
2004/09/01	00:48:57	2.4667	104.572	107.458
2004/09/01	00:50:57	2.5000	103.046	107.569
2004/09/01	00:52:57	2.5333	102.712	107.686
2004/09/01	00:54:57	2.5667	103.751	107.805
2004/09/01	00:56:57	2.6000	104.852	107.940
2004/09/01	00:58:57	2.6333	106.098	108.084
2004/09/01	01:00:57	2.6667	108.496	108.243
2004/09/01	01:02:57	2.7000	109.701	108.410
2004/09/01	01:04:57	2.7333	112.638	108.595
2004/09/01	01:06:57	2.7667	116.263	108.781
2004/09/01	01:08:57	2.8000	118.914	108.954
2004/09/01	01:10:57	2.8333	121.230	109.126
2004/09/01	01:12:57	2.8667	122.519	109.285
2004/09/01	01:14:57	2.9000	124.096	109.443
2004/09/01	01:16:57	2.9333	125.192	109.584
2004/09/01	01:18:57	2.9667	126.876	109.713
2004/09/01	01:20:57	3.0000	128.647	109.839
2004/09/01	01:22:57	3.0333	130.224	109.953
2004/09/01	01:24:57	3.0667	131.222	110.061
2004/09/01	01:26:57	3.1000	133.345	110.158
2004/09/01	01:28:57	3.1333	134.695	110.260
2004/09/01	01:30:57	3.1667	136.124	110.354
2004/09/01	01:32:57	3.2000	138.332	110.437
Final Flow				

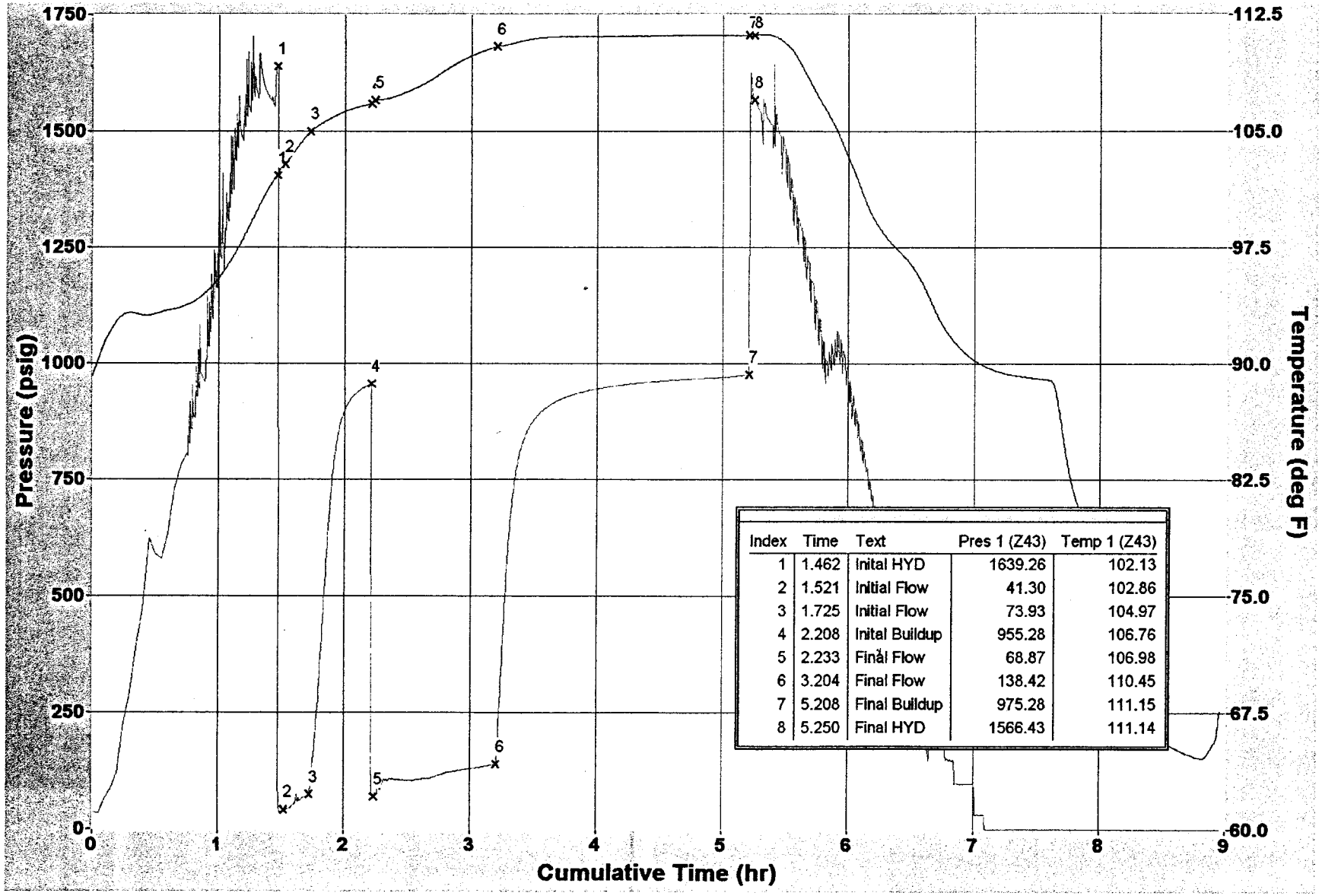
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/01	01:33:12	3.2042	138.424	110.449
2004/09/01	01:34:57	3.2333	271.575	110.469
2004/09/01	01:36:57	3.2667	451.204	110.509
2004/09/01	01:38:57	3.3000	613.470	110.572
2004/09/01	01:40:57	3.3333	716.480	110.649
2004/09/01	01:42:57	3.3667	780.074	110.725
2004/09/01	01:44:57	3.4000	819.697	110.793
2004/09/01	01:46:57	3.4333	845.652	110.849
2004/09/01	01:48:57	3.4667	864.163	110.896
2004/09/01	01:50:57	3.5000	877.884	110.941
2004/09/01	01:52:57	3.5333	888.709	110.979
2004/09/01	01:54:57	3.5667	897.424	111.002
2004/09/01	01:56:57	3.6000	904.661	111.027
2004/09/01	01:58:57	3.6333	910.782	111.045
2004/09/01	02:00:57	3.6667	916.018	111.058
2004/09/01	02:02:57	3.7000	920.560	111.069
2004/09/01	02:04:57	3.7333	924.497	111.079
2004/09/01	02:06:57	3.7667	928.009	111.087
2004/09/01	02:08:57	3.8000	931.076	111.092
2004/09/01	02:10:57	3.8333	933.879	111.099
2004/09/01	02:12:57	3.8667	936.370	111.101
2004/09/01	02:14:57	3.9000	938.673	111.105
2004/09/01	02:16:57	3.9333	940.765	111.103
2004/09/01	02:18:57	3.9667	942.725	111.114
2004/09/01	02:20:57	4.0000	944.451	111.108
2004/09/01	02:22:57	4.0333	946.118	111.114
2004/09/01	02:24:57	4.0667	947.686	111.112
2004/09/01	02:26:57	4.1000	949.091	111.110
2004/09/01	02:28:57	4.1333	950.420	111.112
2004/09/01	02:30:57	4.1667	951.663	111.114
2004/09/01	02:32:57	4.2000	952.859	111.114
2004/09/01	02:34:57	4.2333	953.983	111.115
2004/09/01	02:36:57	4.2667	955.040	111.115
2004/09/01	02:38:57	4.3000	956.028	111.117
2004/09/01	02:40:57	4.3333	956.982	111.117
2004/09/01	02:42:57	4.3667	957.881	111.114
2004/09/01	02:44:57	4.4000	958.719	111.121
2004/09/01	02:46:57	4.4333	959.540	111.121
2004/09/01	02:48:57	4.4667	960.299	111.117
2004/09/01	02:50:57	4.5000	961.034	111.119
2004/09/01	02:52:57	4.5333	961.734	111.117
2004/09/01	02:54:57	4.5667	962.436	111.119
2004/09/01	02:56:57	4.6000	963.063	111.121
2004/09/01	02:58:57	4.6333	963.669	111.128
2004/09/01	03:00:57	4.6667	964.264	111.126
2004/09/01	03:02:57	4.7000	964.854	111.124
2004/09/01	03:04:57	4.7333	965.427	111.126
2004/09/01	03:06:57	4.7667	965.955	111.128
2004/09/01	03:08:57	4.8000	966.458	111.132
2004/09/01	03:10:57	4.8333	966.976	111.132

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/01	03:12:57	4.8667	967.467	111.133
2004/09/01	03:14:57	4.9000	967.913	111.135
2004/09/01	03:16:57	4.9333	968.378	111.135
2004/09/01	03:18:57	4.9667	968.835	111.133
2004/09/01	03:20:57	5.0000	969.257	111.137
2004/09/01	03:22:57	5.0333	969.761	111.146
2004/09/01	03:24:57	5.0667	970.641	111.144
2004/09/01	03:26:57	5.1000	971.636	111.146
2004/09/01	03:28:57	5.1333	972.732	111.151
2004/09/01	03:30:57	5.1667	973.874	111.151
2004/09/01	03:32:57	5.2000	974.995	111.151
Final Buildup				
2004/09/01	03:33:27	5.2083	975.281	111.153
2004/09/01	03:34:57	5.2333	1586.458	111.115
Final HYD				
2004/09/01	03:35:57	5.2500	1566.432	111.141
2004/09/01	03:36:57	5.2667	1556.162	111.159
2004/09/01	03:38:57	5.3000	1539.499	111.189
2004/09/01	03:40:57	5.3333	1549.708	111.202
2004/09/01	03:42:57	5.3667	1520.777	111.178
2004/09/01	03:44:57	5.4000	1482.892	111.110
2004/09/01	03:46:57	5.4333	1510.757	111.009
2004/09/01	03:48:57	5.4667	1434.937	110.836
2004/09/01	03:50:57	5.5000	1416.063	110.617
2004/09/01	03:52:57	5.5333	1353.397	110.374
2004/09/01	03:54:57	5.5667	1357.689	110.037
2004/09/01	03:56:57	5.6000	1314.310	109.600
2004/09/01	03:58:57	5.6333	1281.635	109.112
2004/09/01	04:00:57	5.6667	1176.234	108.613
2004/09/01	04:02:57	5.7000	1130.092	108.104
2004/09/01	04:04:57	5.7333	1100.474	107.593
2004/09/01	04:06:57	5.7667	1039.525	107.107
2004/09/01	04:08:57	5.8000	1047.687	106.650
2004/09/01	04:10:57	5.8333	982.981	106.196
2004/09/01	04:12:57	5.8667	1040.904	105.701
2004/09/01	04:14:57	5.9000	1005.749	105.193
2004/09/01	04:16:57	5.9333	1000.803	104.589
2004/09/01	04:18:57	5.9667	1019.973	103.939
2004/09/01	04:20:57	6.0000	981.096	103.289
2004/09/01	04:22:57	6.0333	886.572	102.643
2004/09/01	04:24:57	6.0667	889.509	101.957
2004/09/01	04:26:57	6.1000	804.875	101.244
2004/09/01	04:28:57	6.1333	803.055	100.546
2004/09/01	04:30:57	6.1667	730.142	99.923
2004/09/01	04:32:57	6.2000	715.152	99.370
2004/09/01	04:34:57	6.2333	646.086	98.902
2004/09/01	04:36:57	6.2667	625.430	98.492
2004/09/01	04:38:57	6.3000	591.768	98.134
2004/09/01	04:40:57	6.3333	533.391	97.815
2004/09/01	04:42:57	6.3667	504.705	97.525

Company Name	Harris Oil & Gas Co.
Well Name	M&M Fisher 1-12
Type of Test	DST&1 3340'to 3404'
Date(s) of Test	8-31-2004

Ricketts Testing

08-31-2004 DST#1 M&M Flsher 1-12



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.462	Inital HYD	1639.26	102.13
2	1.521	Initial Flow	41.30	102.86
3	1.725	Initial Flow	73.93	104.97
4	2.208	Inital Buildup	955.28	106.76
5	2.233	Final Flow	68.87	106.98
6	3.204	Final Flow	138.42	110.45
7	5.208	Final Buildup	975.28	111.15
8	5.250	Final HYD	1566.43	111.14

Ricketts Testing, Inc.

Company HARRIS OIL & GAS CO. Lease & Well No. M & M FISCHER #1-12

Elevation 1890 K.B. Formation KANSAS CITY F & G Ticket No. 2203

Date 9-1-04 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by KRIS KENNEDY Ricketts Representative JIM RICKETTS

Formation Test No. 2 Interval Tested from 3402 ft. to 3439 ft. Total Depth 3439 ft.

Packer Depth 3402 ft .Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3399 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3407 ft. Recorder Number 11027 Cap. 4625

Bottom Recorder Depth (Outside) 3410 ft. Recorder Number Z43 Cap. 6000

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor STERLING DRILLING RIG #1 Drill Collar Length 242 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 44 Weight Pipe Length _____ I.D. _____ in.

Weight 9.1 Water Loss 9.2 cc. Drill Pipe Length 3140 I.D. 3.25 in.

Chlorides 2900 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make _____ Serial Number _____ Anchor Length 37 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 IN 1 MINUTE INITIAL FLOW PERIOD. STRONG BLOW IN 1 MINUTE FINAL FLOW PERIOD. GAS TO SURFACE IN 60 MINUTES FINAL FLOW PERIOD.

Recovered 248 ft. of HEAVY GAS CUT OIL. 30% OIL 30% GAS 10% WATER 30% MUD

Recovered 186 ft. of SLIGHTLY OIL CUT WATER. 5% OIL 5% GAS 70% WATER 20% MUD

Recovered 2970 ft. of GAS IN PIPE.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 78,000 PPM

Time Set Packer (s) 4:15 P.M. Time Started Off Bottom 8:00 P.M. Maximum Temperature 112°

Initial Hydrostatic Pressure	(A)	1665	P.S.I.	
Initial Flow Period Minutes 15	(B)	73	P.S.I.	to
	(C)	91	P.S.I.	
Initial Closed In Period Minutes 30	(D)	824	P.S.I.	
Final Flow Period Minutes 60	(E)	99	P.S.I.	to
	(F)	186	P.S.I.	
Final Closed In Period Minutes 120	(G)	853	P.S.I.	
Final Hydrostatic Pressure	(H)	1565	P.S.I.	

Pressure Test Report

COMPANY INFORMATION

Company Name	Harris Oil & Gas Co.
Representative	
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M&M Fisher 1-12
Well Location	12-22-13W SW SE NW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil & Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Sterling Rig #1
Elevations	
Kelly Bushing (KB)	1890 Kb
Casing Flange (CF)	
KB-CF	
Ground Level	1881 Gl
Plug Back Total Depth	
Total Depth	3439'
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST#2 3402' to 3439'
Date(s) of Test	9-1-2004
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	9-1-2004
Date / Time on Bottom	9-1-2004 @4:15 Pm
Date / Time off Bottom	9-1-2004 @ 8:00 Pm
Probe Serial Number	Z43
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	3407'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1682.9 psig
Maximum Recorded Probe Temperature	113.2 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	Sep 01/2004 @ 15:04:54
Program End Time	Sep 01/2004 @ 23:29:39
Total Samples Taken	1855
Usage for this Test	0.0670 Ah
Generic Data File Name	Z43SE01A.GEN

COMMENTS

Reported By James Ricketts

Strong blow in 1 mins. inital flow period. Strong blow in 1 mins. final flow period. Gas to surface in 60 mins. final flow period . Recovery , 248' Heavey gas cut oil 30% oil 30%gas 10% water 30% mud. 186' Slighty oil cut water,5% oil 55 gAS 70% WATER 20% mud. 2970' gas in pipe. DST FL. Chloride 78,000 PPM.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/01	15:04:54	0.0000	22.634	102.160
2004/09/01	15:07:54	0.0500	66.323	99.957
2004/09/01	15:10:54	0.1000	94.279	98.443
2004/09/01	15:13:54	0.1500	92.705	97.347
2004/09/01	15:16:54	0.2000	119.679	96.546
2004/09/01	15:19:54	0.2500	209.174	95.907
2004/09/01	15:22:54	0.3000	348.837	95.169
2004/09/01	15:25:54	0.3500	416.108	94.393
2004/09/01	15:28:54	0.4000	505.490	93.693
2004/09/01	15:31:54	0.4500	591.732	93.169
2004/09/01	15:34:54	0.5000	743.090	92.800
2004/09/01	15:37:54	0.5500	799.448	92.619
2004/09/01	15:40:54	0.6000	895.407	92.590
2004/09/01	15:43:54	0.6500	1017.554	92.683
2004/09/01	15:46:54	0.7000	1065.329	92.946
2004/09/01	15:49:54	0.7500	1222.794	93.349
2004/09/01	15:51:24	0.7750	1336.884	93.585
2004/09/01	15:52:54	0.8000	1310.285	93.880
2004/09/01	15:54:24	0.8250	1366.156	94.192
2004/09/01	15:55:54	0.8500	1518.690	94.512
2004/09/01	15:57:24	0.8750	1429.305	94.883
2004/09/01	15:58:54	0.9000	1529.366	95.247
2004/09/01	16:00:24	0.9250	1641.747	95.653
2004/09/01	16:01:54	0.9500	1595.244	96.069
2004/09/01	16:03:24	0.9750	1634.164	96.507
2004/09/01	16:04:54	1.0000	1602.528	96.955
2004/09/01	16:06:24	1.0250	1622.949	97.408
2004/09/01	16:07:54	1.0500	1598.976	97.830
2004/09/01	16:09:24	1.0750	1586.923	98.229
2004/09/01	16:10:54	1.1000	1576.814	98.573
2004/09/01	16:12:24	1.1250	1568.760	98.883
2004/09/01	16:13:54	1.1500	1569.551	99.160
2004/09/01	16:15:24	1.1750	1572.966	99.385
2004/09/01	16:16:54	1.2000	1665.666	99.594
Inital HYD				
2004/09/01	16:17:24	1.2083	1665.888	99.657
Initial Flow				
2004/09/01	16:18:09	1.2208	73.585	100.011
2004/09/01	16:18:24	1.2250	81.974	100.036
2004/09/01	16:19:54	1.2500	88.584	100.184
2004/09/01	16:21:24	1.2750	88.732	100.411
2004/09/01	16:22:54	1.3000	76.749	100.756
2004/09/01	16:24:24	1.3250	71.127	101.196
2004/09/01	16:25:54	1.3500	69.166	101.716
2004/09/01	16:27:24	1.3750	74.684	102.270
2004/09/01	16:28:54	1.4000	81.216	102.857
2004/09/01	16:30:24	1.4250	88.473	103.446
Initial Flow				
2004/09/01	16:31:24	1.4417	91.347	103.845
2004/09/01	16:31:54	1.4500	93.099	104.038

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/01	16:33:24	1.4750	171.562	104.587
2004/09/01	16:34:54	1.5000	310.938	105.080
2004/09/01	16:36:24	1.5250	450.062	105.566
2004/09/01	16:37:54	1.5500	541.215	106.041
2004/09/01	16:39:24	1.5750	599.253	106.468
2004/09/01	16:40:54	1.6000	641.458	106.867
2004/09/01	16:42:24	1.6250	673.883	107.226
2004/09/01	16:43:54	1.6500	699.697	107.551
2004/09/01	16:45:24	1.6750	721.164	107.845
2004/09/01	16:46:54	1.7000	739.028	108.108
2004/09/01	16:48:24	1.7250	754.306	108.347
2004/09/01	16:49:54	1.7500	767.485	108.558
2004/09/01	16:51:24	1.7750	779.163	108.745
2004/09/01	16:52:54	1.8000	789.357	108.909
2004/09/01	16:54:24	1.8250	798.427	109.060
2004/09/01	16:55:54	1.8500	806.584	109.189
2004/09/01	16:57:24	1.8750	814.109	109.305
2004/09/01	16:58:54	1.9000	820.730	109.411
2004/09/01	17:00:24	1.9250	826.745	109.508
Inital Buildup				
2004/09/01	17:01:54	1.9500	824.035	109.591
Final Flow				
2004/09/01	17:03:09	1.9708	99.975	109.812
2004/09/01	17:03:24	1.9750	101.858	109.814
2004/09/01	17:04:54	2.0000	106.030	109.857
2004/09/01	17:06:24	2.0250	110.483	109.906
2004/09/01	17:07:54	2.0500	114.689	109.974
2004/09/01	17:09:24	2.0750	117.276	110.061
2004/09/01	17:10:54	2.1000	120.596	110.154
2004/09/01	17:12:24	2.1250	123.346	110.260
2004/09/01	17:13:54	2.1500	126.157	110.365
2004/09/01	17:15:24	2.1750	128.832	110.469
2004/09/01	17:16:54	2.2000	131.844	110.574
2004/09/01	17:18:24	2.2250	134.568	110.682
2004/09/01	17:19:54	2.2500	137.337	110.781
2004/09/01	17:21:24	2.2750	139.287	110.883
2004/09/01	17:22:54	2.3000	141.067	110.980
2004/09/01	17:24:24	2.3250	142.498	111.078
2004/09/01	17:25:54	2.3500	144.879	111.180
2004/09/01	17:27:24	2.3750	146.902	111.272
2004/09/01	17:28:54	2.4000	148.218	111.364
2004/09/01	17:30:24	2.4250	150.801	111.450
2004/09/01	17:31:54	2.4500	152.266	111.542
2004/09/01	17:33:24	2.4750	154.497	111.619
2004/09/01	17:34:54	2.5000	156.344	111.693
2004/09/01	17:36:24	2.5250	158.127	111.771
2004/09/01	17:37:54	2.5500	159.642	111.841
2004/09/01	17:39:24	2.5750	161.715	111.907
2004/09/01	17:40:54	2.6000	163.711	111.985
2004/09/01	17:42:24	2.6250	165.041	112.046

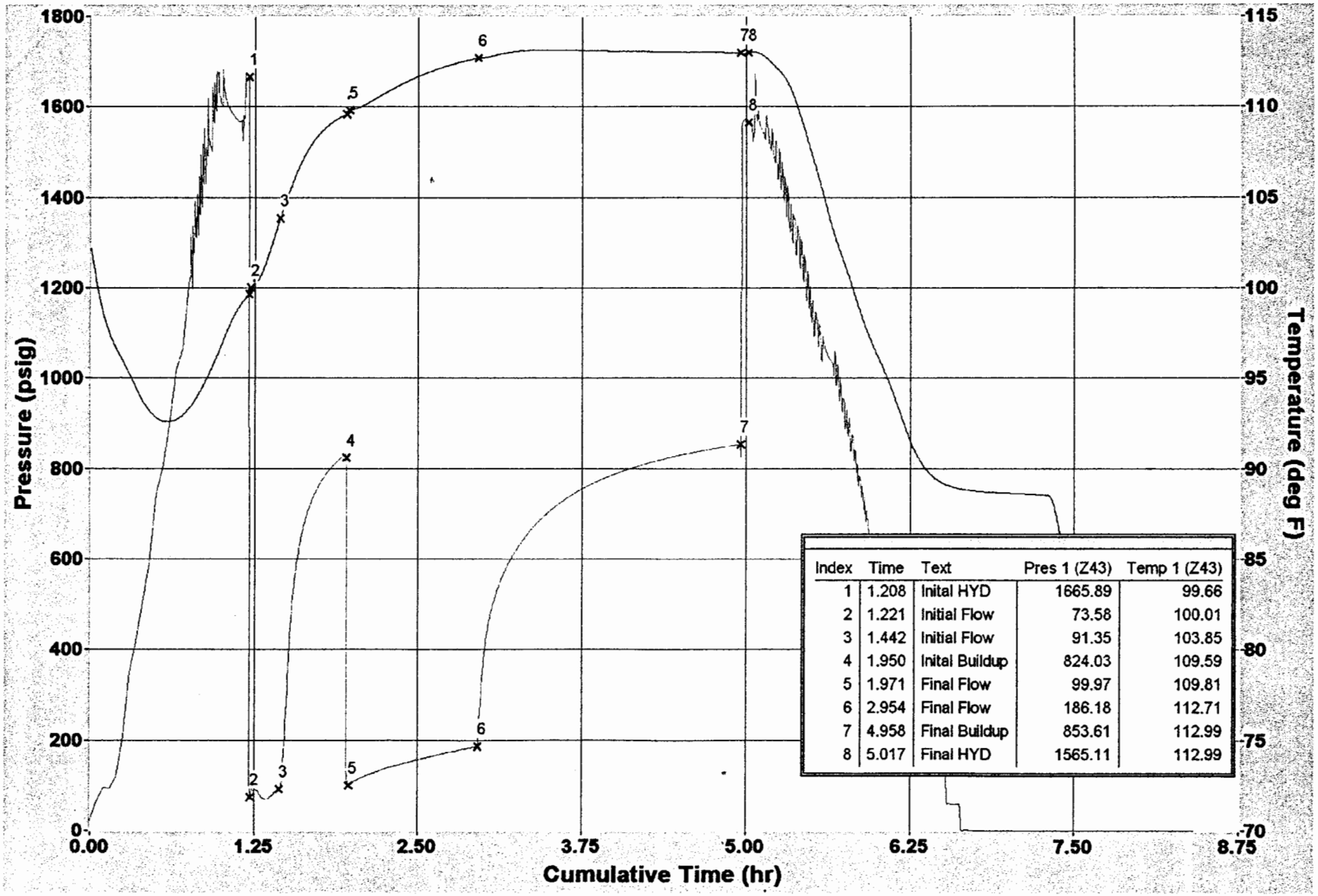
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/01	17:43:54	2.6500	166.664	112.116
2004/09/01	17:45:24	2.6750	168.743	112.174
2004/09/01	17:46:54	2.7000	170.192	112.231
2004/09/01	17:48:24	2.7250	172.108	112.284
2004/09/01	17:49:54	2.7500	173.391	112.341
2004/09/01	17:51:24	2.7750	175.004	112.390
2004/09/01	17:52:54	2.8000	176.951	112.447
2004/09/01	17:54:24	2.8250	178.545	112.491
2004/09/01	17:55:54	2.8500	180.076	112.539
2004/09/01	17:57:24	2.8750	181.889	112.582
2004/09/01	17:58:54	2.9000	182.857	112.624
2004/09/01	18:00:24	2.9250	184.997	112.665
2004/09/01	18:01:54	2.9500	186.373	112.705
Final Flow				
2004/09/01	18:02:09	2.9542	186.179	112.712
2004/09/01	18:03:24	2.9750	283.586	112.710
2004/09/01	18:04:54	3.0000	378.763	112.728
2004/09/01	18:06:24	3.0250	438.048	112.762
2004/09/01	18:07:54	3.0500	476.850	112.802
2004/09/01	18:09:24	3.0750	505.783	112.845
2004/09/01	18:10:54	3.1000	529.789	112.894
2004/09/01	18:12:24	3.1250	550.461	112.933
2004/09/01	18:13:54	3.1500	567.981	112.969
2004/09/01	18:15:24	3.1750	583.532	113.004
2004/09/01	18:16:54	3.2000	597.563	113.032
2004/09/01	18:18:24	3.2250	610.107	113.056
2004/09/01	18:19:54	3.2500	621.665	113.079
2004/09/01	18:21:24	3.2750	632.555	113.097
2004/09/01	18:22:54	3.3000	642.597	113.112
2004/09/01	18:24:24	3.3250	652.096	113.124
2004/09/01	18:25:54	3.3500	660.994	113.133
2004/09/01	18:27:24	3.3750	669.499	113.144
2004/09/01	18:28:54	3.4000	677.423	113.155
2004/09/01	18:30:24	3.4250	684.832	113.151
2004/09/01	18:31:54	3.4500	691.912	113.160
2004/09/01	18:33:24	3.4750	698.733	113.158
2004/09/01	18:34:54	3.5000	705.037	113.164
2004/09/01	18:36:24	3.5250	711.065	113.160
2004/09/01	18:37:54	3.5500	716.911	113.160
2004/09/01	18:39:24	3.5750	722.503	113.158
2004/09/01	18:40:54	3.6000	727.797	113.153
2004/09/01	18:42:24	3.6250	732.764	113.148
2004/09/01	18:43:54	3.6500	737.582	113.148
2004/09/01	18:45:24	3.6750	742.244	113.140
2004/09/01	18:46:54	3.7000	746.805	113.137
2004/09/01	18:48:24	3.7250	751.111	113.133
2004/09/01	18:49:54	3.7500	755.114	113.128
2004/09/01	18:51:24	3.7750	758.872	113.124
2004/09/01	18:52:54	3.8000	762.794	113.113
2004/09/01	18:54:24	3.8250	766.391	113.113

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/01	18:55:54	3.8500	769.917	113.106
2004/09/01	18:57:24	3.8750	773.252	113.103
2004/09/01	18:58:54	3.9000	776.517	113.094
2004/09/01	19:00:24	3.9250	779.637	113.094
2004/09/01	19:01:54	3.9500	782.521	113.086
2004/09/01	19:03:24	3.9750	785.508	113.085
2004/09/01	19:04:54	4.0000	788.218	113.081
2004/09/01	19:06:24	4.0250	790.897	113.077
2004/09/01	19:07:54	4.0500	793.482	113.074
2004/09/01	19:09:24	4.0750	796.045	113.070
2004/09/01	19:10:54	4.1000	798.497	113.067
2004/09/01	19:12:24	4.1250	800.889	113.067
2004/09/01	19:13:54	4.1500	803.184	113.065
2004/09/01	19:15:24	4.1750	805.469	113.063
2004/09/01	19:16:54	4.2000	807.605	113.054
2004/09/01	19:18:24	4.2250	809.776	113.050
2004/09/01	19:19:54	4.2500	811.852	113.052
2004/09/01	19:21:24	4.2750	813.870	113.047
2004/09/01	19:22:54	4.3000	815.813	113.045
2004/09/01	19:24:24	4.3250	817.708	113.041
2004/09/01	19:25:54	4.3500	819.557	113.041
2004/09/01	19:27:24	4.3750	821.360	113.040
2004/09/01	19:28:54	4.4000	823.139	113.038
2004/09/01	19:30:24	4.4250	824.882	113.032
2004/09/01	19:31:54	4.4500	826.624	113.031
2004/09/01	19:33:24	4.4750	828.261	113.032
2004/09/01	19:34:54	4.5000	829.838	113.032
2004/09/01	19:36:24	4.5250	831.476	113.031
2004/09/01	19:37:54	4.5500	832.996	113.032
2004/09/01	19:39:24	4.5750	834.458	113.029
2004/09/01	19:40:54	4.6000	835.905	113.029
2004/09/01	19:42:24	4.6250	837.318	113.029
2004/09/01	19:43:54	4.6500	838.724	113.029
2004/09/01	19:45:24	4.6750	840.132	113.023
2004/09/01	19:46:54	4.7000	841.460	113.020
2004/09/01	19:48:24	4.7250	842.737	113.016
2004/09/01	19:49:54	4.7500	843.992	113.016
2004/09/01	19:51:24	4.7750	845.221	113.013
2004/09/01	19:52:54	4.8000	846.440	113.013
2004/09/01	19:54:24	4.8250	847.607	113.005
2004/09/01	19:55:54	4.8500	848.774	113.009
2004/09/01	19:57:24	4.8750	849.911	113.004
2004/09/01	19:58:54	4.9000	851.035	113.005
2004/09/01	20:00:24	4.9250	852.108	112.996
2004/09/01	20:01:54	4.9500	853.243	113.000
Final Buildup				
2004/09/01	20:02:24	4.9583	853.606	112.995
2004/09/01	20:03:24	4.9750	1568.573	112.939
2004/09/01	20:04:54	5.0000	1566.284	112.968
Final HYD				

Company Name	Harris Oil & Gas Co.
Well Name	M&M Fisher 1-12
Type of Test	DST#2 3402' to 3439'
Date(s) of Test	9-1-2004

Ricketts Testing

09/01/2004 DST #2 M&M fisher 1-12



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.208	Inital HYD	1665.89	99.66
2	1.221	Initial Flow	73.58	100.01
3	1.442	Initial Flow	91.35	103.85
4	1.950	Inital Buildup	824.03	109.59
5	1.971	Final Flow	99.97	109.81
6	2.954	Final Flow	186.18	112.71
7	4.958	Final Buildup	853.61	112.99
8	5.017	Final HYD	1565.11	112.99

Ricketts Testing, Inc.

Company HARRIS OIL & GAS CO. Lease & Well No. M & M FISCHER #1-12

Elevation 1890 K.B. Formation KANSAS CITY Ticket No. 2204

Date 9-2-04 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by KRIS KENNEDY Ricketts Representative JIM RICKETTS

Formation Test No. 3 Interval Tested from 3468 ft. to 3496 ft. Total Depth 3496 ft.

Packer Depth 3468 ft .Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Packer Depth 3465 ft Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3473 ft. Recorder Number 11027 Cap. 4625

Bottom Recorder Depth (Outside) 3476 ft. Recorder Number Z43 Cap. 6000

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

Drilling Contractor STERLING DRILLING RIG #1 Drill Collar Length 242 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 44 Weight Pipe Length ____ I.D. ____ in.

Weight 9.1 Water Loss 9.2 cc. Drill Pipe Length 3206 I.D. 3.25 in.

Chlorides 2900 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make ____ Serial Number ____ Anchor Length 28 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 IN 1 MINUTE INITIAL FLOW PERIOD. STRONG BLOW IN 1 MINUTE FINAL FLOW PERIOD.

Recovered 206 ft. of GAS CUT OIL. 60% OIL 40% GAS

Recovered 186 ft. of OIL CUT WATER. 5% OIL 15% GAS 20% MUD 70% WATER

Recovered 2000 ft. of GAS IN PIPE.

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: DST FLUID CHLORIDES 60,000 PPM

Time Set Packer (s) 8:20 A M. Time Started Off Bottom 12:05 P M. Maximum Temperature 113°

Initial Hydrostatic Pressure ..... (A) 1715 P.S.I.

Initial Flow Period ..... Minutes 15 (B) 59 P.S.I. to (C) 88 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 892 P.S.I.

Final Flow Period ..... Minutes 60 (E) 98 P.S.I. to (F) 177 P.S.I.

Final Closed In Period ..... Minutes 120 (G) 910 P.S.I.

Final Hydrostatic Pressure ..... (H) 1654 P.S.I.

Pressure Test Report

COMPANY INFORMATION

Company Name	Harris Oil & Gas Co.
Representative	Kris Kennedy
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M&M Fisher 1-12
Well Location	12-22- 13W SW SE NW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil& Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Sterling Rig #1
Elevations	
Kelly Bushing (KB)	1890 Kb
Casing Flange (CF)	
KB-CF	
Ground Level	1881'GL
Plug Back Total Depth	
Total Depth	3496'
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST#3 3468' to 3496'
Date(s) of Test	9-2-2004
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	9-2-2004
Date / Time on Bottom	9-2-2004 @ 8:20 AM
Date / Time off Bottom	9-2-2004 @ 12:05 PM
Probe Serial Number	Z43
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	3473'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1746.4 psig
Maximum Recorded Probe Temperature	114.1 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	Sep 02/2004 @ 07:14:34
Program End Time	Sep 02/2004 @ 14:57:49
Total Samples Taken	1689
Usage for this Test	0.0610 Ah
Generic Data File Name	Z43SE02A.GEN

Company Name	Harris Oil & Gas Co.
Well Name	M&M Fisher 1-12
Type of Test	DST#3 3468' to 3496'
Date(s) of Test	9-2-2004

Ricketts Testing

COMMENTS

Reported By James Ricketts

Strong blow in 1 Mins. inital flow period. Strong blow in 1 mins. final flow period.Recovery, 206' Gas Cut Oil 60% oil 40% gas.186' Oil cut water, 5% oil 5% gas 20% mud 70% water. DST FL. chloride 60,000 PPM.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/02	07:14:34	0.0000	25.570	65.799
2004/09/02	07:17:34	0.0500	87.853	72.113
2004/09/02	07:20:34	0.1000	117.936	76.905
2004/09/02	07:23:34	0.1500	153.091	79.956
2004/09/02	07:26:34	0.2000	238.219	81.959
2004/09/02	07:29:34	0.2500	372.081	83.545
2004/09/02	07:32:34	0.3000	452.333	84.857
2004/09/02	07:35:34	0.3500	534.259	85.951
2004/09/02	07:38:34	0.4000	672.505	86.896
2004/09/02	07:41:34	0.4500	753.371	87.717
2004/09/02	07:44:34	0.5000	796.059	88.486
2004/09/02	07:47:34	0.5500	998.516	89.233
2004/09/02	07:50:34	0.6000	1036.757	89.980
2004/09/02	07:53:34	0.6500	1162.385	90.779
2004/09/02	07:56:34	0.7000	1299.586	91.623
2004/09/02	07:59:34	0.7500	1389.504	92.505
2004/09/02	08:01:04	0.7750	1364.560	92.939
2004/09/02	08:02:34	0.8000	1455.201	93.358
2004/09/02	08:04:04	0.8250	1558.571	93.803
2004/09/02	08:05:34	0.8500	1520.911	94.260
2004/09/02	08:07:04	0.8750	1545.118	94.744
2004/09/02	08:08:34	0.9000	1593.663	95.220
2004/09/02	08:10:04	0.9250	1619.699	95.695
2004/09/02	08:11:34	0.9500	1590.498	96.161
2004/09/02	08:13:04	0.9750	1665.721	96.604
2004/09/02	08:14:34	1.0000	1746.351	97.041
2004/09/02	08:16:04	1.0250	1648.836	97.489
2004/09/02	08:17:34	1.0500	1625.046	97.921
2004/09/02	08:19:04	1.0750	1720.594	98.308
Inital HYD				
2004/09/02	08:19:19	1.0792	1715.419	98.373
2004/09/02	08:20:34	1.1000	1698.545	98.674
2004/09/02	08:22:04	1.1250	59.097	99.288
Initial Flow				
2004/09/02	08:22:19	1.1292	59.317	99.342
2004/09/02	08:23:34	1.1500	60.894	99.583
2004/09/02	08:25:04	1.1750	67.178	99.932
2004/09/02	08:26:34	1.2000	73.680	100.330
2004/09/02	08:28:04	1.2250	79.448	100.746
2004/09/02	08:29:34	1.2500	84.102	101.156
2004/09/02	08:31:04	1.2750	87.076	101.525
2004/09/02	08:32:34	1.3000	87.170	101.874
2004/09/02	08:34:04	1.3250	86.636	102.207
2004/09/02	08:35:34	1.3500	86.107	102.573
2004/09/02	08:37:04	1.3750	87.049	102.961
Initial Flow				
2004/09/02	08:38:19	1.3958	88.357	103.280
2004/09/02	08:38:34	1.4000	96.120	103.343
2004/09/02	08:40:04	1.4250	149.148	103.681
2004/09/02	08:41:34	1.4500	220.717	103.962

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/02	08:43:04	1.4750	323.714	104.230
2004/09/02	08:44:34	1.5000	459.279	104.466
2004/09/02	08:46:04	1.5250	583.593	104.697
2004/09/02	08:47:34	1.5500	669.853	104.929
2004/09/02	08:49:04	1.5750	726.505	105.159
2004/09/02	08:50:34	1.6000	765.288	105.372
2004/09/02	08:52:04	1.6250	792.958	105.580
2004/09/02	08:53:34	1.6500	813.668	105.771
2004/09/02	08:55:04	1.6750	829.612	105.958
2004/09/02	08:56:34	1.7000	842.417	106.129
2004/09/02	08:58:04	1.7250	853.008	106.290
2004/09/02	08:59:34	1.7500	862.040	106.437
2004/09/02	09:01:04	1.7750	869.677	106.579
2004/09/02	09:02:34	1.8000	876.270	106.718
2004/09/02	09:04:04	1.8250	882.078	106.848
2004/09/02	09:05:34	1.8500	887.291	106.963
2004/09/02	09:07:04	1.8750	891.907	107.078
Inital Buildup				
2004/09/02	09:07:19	1.8792	892.634	107.092
2004/09/02	09:08:34	1.9000	97.440	107.352
Final Flow				
2004/09/02	09:08:49	1.9042	98.716	107.368
2004/09/02	09:10:04	1.9250	100.793	107.469
2004/09/02	09:11:34	1.9500	100.394	107.667
2004/09/02	09:13:04	1.9750	101.573	107.913
2004/09/02	09:14:34	2.0000	105.788	108.187
2004/09/02	09:16:04	2.0250	109.684	108.475
2004/09/02	09:17:34	2.0500	111.823	108.779
2004/09/02	09:19:04	2.0750	112.943	109.069
2004/09/02	09:20:34	2.1000	114.798	109.360
2004/09/02	09:22:04	2.1250	116.726	109.638
2004/09/02	09:23:34	2.1500	118.647	109.900
2004/09/02	09:25:04	2.1750	120.341	110.151
2004/09/02	09:26:34	2.2000	122.357	110.390
2004/09/02	09:28:04	2.2250	124.131	110.613
2004/09/02	09:29:34	2.2500	125.807	110.829
2004/09/02	09:31:04	2.2750	127.881	111.020
2004/09/02	09:32:34	2.3000	129.559	111.214
2004/09/02	09:34:04	2.3250	131.184	111.389
2004/09/02	09:35:34	2.3500	132.871	111.558
2004/09/02	09:37:04	2.3750	134.448	111.708
2004/09/02	09:38:34	2.4000	136.051	111.859
2004/09/02	09:40:04	2.4250	137.793	112.003
2004/09/02	09:41:34	2.4500	139.462	112.136
2004/09/02	09:43:04	2.4750	141.277	112.260
2004/09/02	09:44:34	2.5000	143.072	112.375
2004/09/02	09:46:04	2.5250	145.006	112.487
2004/09/02	09:47:34	2.5500	147.126	112.597
2004/09/02	09:49:04	2.5750	149.454	112.698
2004/09/02	09:50:34	2.6000	151.954	112.789

Company Name	Harris Oil & Gas Co.
Well Name	M&M Fisher 1-12
Type of Test	DST#3 3468' to 3496'
Date(s) of Test	9-2-2004

Rickets Testing

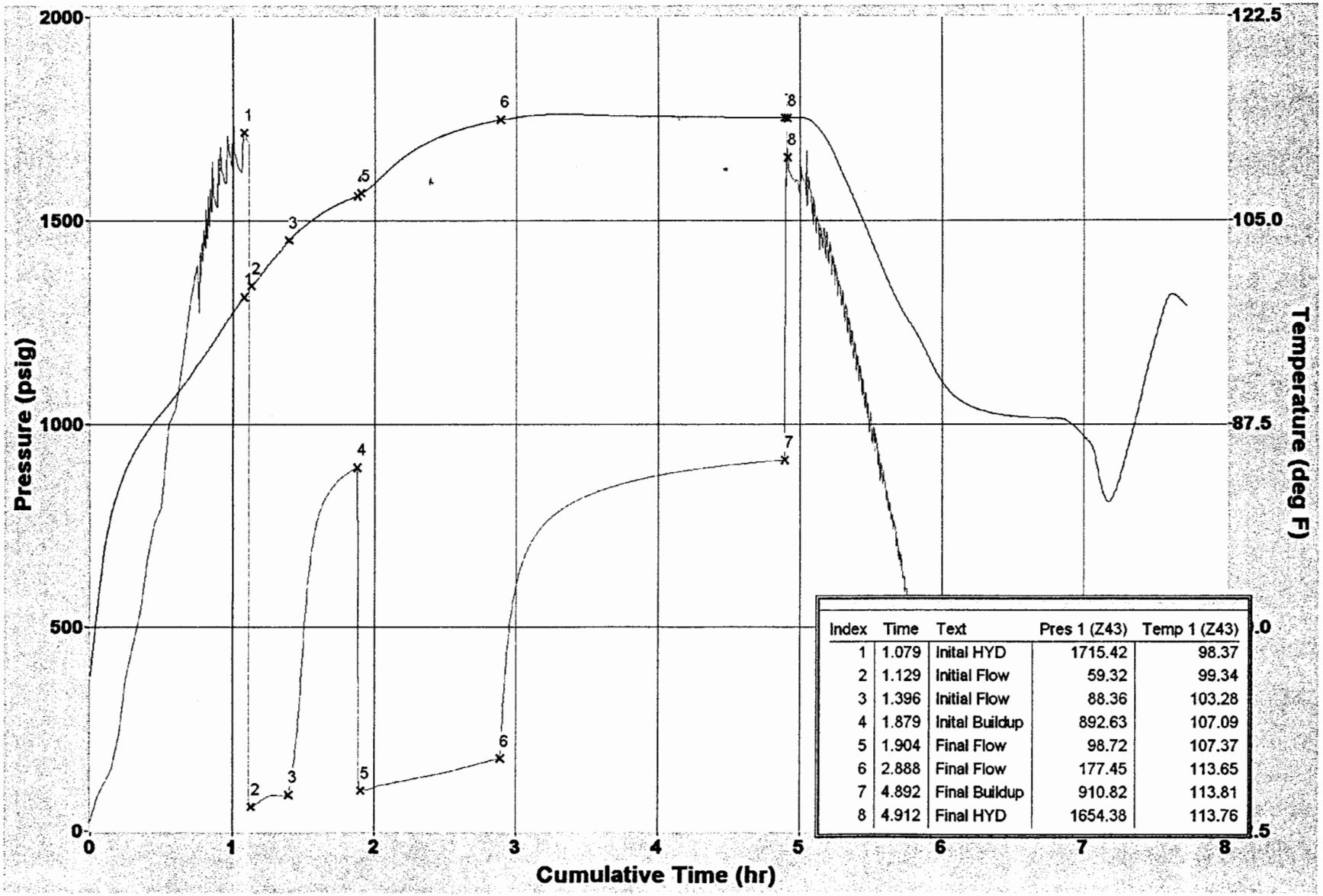
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/02	09:52:04	2.6250	154.161	112.887
2004/09/02	09:53:34	2.6500	156.301	112.982
2004/09/02	09:55:04	2.6750	158.758	113.061
2004/09/02	09:56:34	2.7000	161.158	113.142
2004/09/02	09:58:04	2.7250	163.463	113.216
2004/09/02	09:59:34	2.7500	165.900	113.295
2004/09/02	10:01:04	2.7750	168.201	113.362
2004/09/02	10:02:34	2.8000	170.375	113.430
2004/09/02	10:04:04	2.8250	172.508	113.497
2004/09/02	10:05:34	2.8500	174.623	113.556
2004/09/02	10:07:04	2.8750	176.676	113.617
Final Flow				
2004/09/02	10:07:49	2.8875	177.454	113.648
2004/09/02	10:08:34	2.9000	250.766	113.648
2004/09/02	10:10:04	2.9250	393.978	113.673
2004/09/02	10:11:34	2.9500	492.446	113.720
2004/09/02	10:13:04	2.9750	557.236	113.769
2004/09/02	10:14:34	3.0000	603.395	113.824
2004/09/02	10:16:04	3.0250	638.550	113.871
2004/09/02	10:17:34	3.0500	665.716	113.922
2004/09/02	10:19:04	3.0750	687.206	113.963
2004/09/02	10:20:34	3.1000	704.934	113.990
2004/09/02	10:22:04	3.1250	719.860	114.019
2004/09/02	10:23:34	3.1500	732.518	114.051
2004/09/02	10:25:04	3.1750	743.666	114.066
2004/09/02	10:26:34	3.2000	753.580	114.080
2004/09/02	10:28:04	3.2250	762.292	114.094
2004/09/02	10:29:34	3.2500	770.161	114.103
2004/09/02	10:31:04	3.2750	777.352	114.109
2004/09/02	10:32:34	3.3000	784.000	114.114
2004/09/02	10:34:04	3.3250	790.079	114.112
2004/09/02	10:35:34	3.3500	795.783	114.107
2004/09/02	10:37:04	3.3750	801.028	114.107
2004/09/02	10:38:34	3.4000	805.987	114.107
2004/09/02	10:40:04	3.4250	810.634	114.098
2004/09/02	10:41:34	3.4500	814.953	114.093
2004/09/02	10:43:04	3.4750	819.065	114.084
2004/09/02	10:44:34	3.5000	822.945	114.076
2004/09/02	10:46:04	3.5250	826.606	114.067
2004/09/02	10:47:34	3.5500	830.107	114.060
2004/09/02	10:49:04	3.5750	833.439	114.055
2004/09/02	10:50:34	3.6000	836.560	114.046
2004/09/02	10:52:04	3.6250	839.608	114.037
2004/09/02	10:53:34	3.6500	842.510	114.021
2004/09/02	10:55:04	3.6750	845.300	114.013
2004/09/02	10:56:34	3.7000	847.963	114.003
2004/09/02	10:58:04	3.7250	850.487	113.997
2004/09/02	10:59:34	3.7500	852.946	113.990
2004/09/02	11:01:04	3.7750	855.334	113.983
2004/09/02	11:02:34	3.8000	857.587	113.970

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/02	11:04:04	3.8250	859.819	113.970
2004/09/02	11:05:34	3.8500	862.013	113.958
2004/09/02	11:07:04	3.8750	864.120	113.954
2004/09/02	11:08:34	3.9000	866.106	113.943
2004/09/02	11:10:04	3.9250	868.006	113.941
2004/09/02	11:11:34	3.9500	869.817	113.929
2004/09/02	11:13:04	3.9750	871.595	113.922
2004/09/02	11:14:34	4.0000	873.310	113.918
2004/09/02	11:16:04	4.0250	874.954	113.913
2004/09/02	11:17:34	4.0500	876.591	113.907
2004/09/02	11:19:04	4.0750	878.147	113.905
2004/09/02	11:20:34	4.1000	879.678	113.898
2004/09/02	11:22:04	4.1250	881.086	113.896
2004/09/02	11:23:34	4.1500	882.484	113.891
2004/09/02	11:25:04	4.1750	883.906	113.887
2004/09/02	11:26:34	4.2000	885.224	113.882
2004/09/02	11:28:04	4.2250	886.513	113.878
2004/09/02	11:29:34	4.2500	887.751	113.871
2004/09/02	11:31:04	4.2750	888.967	113.869
2004/09/02	11:32:34	4.3000	890.131	113.864
2004/09/02	11:34:04	4.3250	891.283	113.860
2004/09/02	11:35:34	4.3500	892.420	113.857
2004/09/02	11:37:04	4.3750	893.506	113.855
2004/09/02	11:38:34	4.4000	894.545	113.850
2004/09/02	11:40:04	4.4250	895.599	113.846
2004/09/02	11:41:34	4.4500	896.603	113.844
2004/09/02	11:43:04	4.4750	897.600	113.835
2004/09/02	11:44:34	4.5000	898.573	113.833
2004/09/02	11:46:04	4.5250	899.517	113.832
2004/09/02	11:47:34	4.5500	900.401	113.826
2004/09/02	11:49:04	4.5750	901.285	113.823
2004/09/02	11:50:34	4.6000	902.148	113.819
2004/09/02	11:52:04	4.6250	902.991	113.817
2004/09/02	11:53:34	4.6500	903.810	113.814
2004/09/02	11:55:04	4.6750	904.606	113.814
2004/09/02	11:56:34	4.7000	905.424	113.814
2004/09/02	11:58:04	4.7250	906.203	113.814
2004/09/02	11:59:34	4.7500	906.938	113.812
2004/09/02	12:01:04	4.7750	907.656	113.810
2004/09/02	12:02:34	4.8000	908.350	113.815
2004/09/02	12:04:04	4.8250	909.074	113.812
2004/09/02	12:05:34	4.8500	909.710	113.814
2004/09/02	12:07:04	4.8750	910.371	113.810
Final Buildup				
2004/09/02	12:08:04	4.8917	910.815	113.812
2004/09/02	12:08:34	4.9000	1601.965	113.761
Final HYD				
2004/09/02	12:09:19	4.9125	1654.375	113.761
2004/09/02	12:10:04	4.9250	1619.627	113.778
2004/09/02	12:11:34	4.9500	1601.914	113.810

Company Name	Harris Oil & Gas Co.
Well Name	M&M Fisher 1-12
Type of Test	DST#3 3468' to 3496'
Date(s) of Test	9-2-2004

Ricketts Testing

9/2/2004 DST#3 M&M Fisher 1-12



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.079	Inital HYD	1715.42	98.37
2	1.129	Initial Flow	59.32	99.34
3	1.396	Initial Flow	88.36	103.28
4	1.879	Inital Buildup	892.63	107.09
5	1.904	Final Flow	98.72	107.37
6	2.888	Final Flow	177.45	113.65
7	4.892	Final Buildup	910.82	113.81
8	4.912	Final HYD	1654.38	113.76

Ricketts Testing, Inc.

Company HARRIS OIL & GAS CO. Lease & Well No. M & M FISCHER #1-12

Elevation 1890 K.B. Formation KANSAS CITY Ticket No. 2205

Date 9-3-04 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by KRIS KENNEDY Ricketts Representative JIM RICKETTS

Formation Test No. 4 Interval Tested from 3500 ft. to 3558 ft. Total Depth 3558 ft.

Packer Depth 3500 ft .Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Packer Depth 3497 ft Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3505 ft. Recorder Number 11027 Cap. 4625

Bottom Recorder Depth (Outside) 3508 ft. Recorder Number Z43 Cap. 6000

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

Drilling Contractor STERLING DRILLING RIG #1 Drill Collar Length 242 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 43 Weight Pipe Length ____ I.D. ____ in.

Weight 9.1 Water Loss 10.4 cc. Drill Pipe Length 3238 I.D. 3.25 in.

Chlorides 5500 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make ____ Serial Number ____ Anchor Length 58 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 IN 1 MINUTE INITIAL FLOW PERIOD. STRONG BLOW IN 1 MINUTE FINAL FLOW PERIOD.

Recovered 372 ft. of GAS CUT OIL.

Recovered 124 ft. of GAS & MUD CUT OIL. 20% MUD 40% OIL 40% GAS

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: GAS TO SURFACE 25 MINUTES INTO FINAL SHUT-IN.

Time Set Packer (s) 1:32 AM. Time Started Off Bottom 5:17 AM. Maximum Temperature 113°

Initial Hydrostatic Pressure	(A)	1708	P.S.I.	
Initial Flow Period ..... Minutes 15	(B)	56	P.S.I.	to
	(C)	96	P.S.I.	
Initial Closed In Period ..... Minutes 30	(D)	854	P.S.I.	
Final Flow Period ..... Minutes 60	(E)	115	P.S.I.	to
	(F)	181	P.S.I.	
Final Closed In Period ..... Minutes 120	(G)	940	P.S.I.	
Final Hydrostatic Pressure	(H)	1649	P.S.I.	

Pressure Test Report

COMPANY INFORMATION

Company Name	Harris Oil & Gas Co.
Representative	Kris Kennedy
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M&M Fisher 1-12
Well Location	12-22-13W SW SE NW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil & Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Sterling rig #1
Elevations	
Kelly Bushing (KB)	1890KB
Casing Flange (CF)	
KB-CF	
Ground Level	1881 GL
Plug Back Total Depth	
Total Depth	3558'
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST#4 3500' to 3558'
Date(s) of Test	9-3-2004
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	9-3-2004
Date / Time on Bottom	9-3-2004@1:32AM
Date / Time off Bottom	9-3-2004 @5:17 AM
Probe Serial Number	Z43
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	3505'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1761.4 psig
Maximum Recorded Probe Temperature	113.8 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	Sep 03/2004 @ 00:22:44
Program End Time	Sep 03/2004 @ 08:43:44
Total Samples Taken	1840
Usage for this Test	0.0680 Ah
Generic Data File Name	Z43SE03A.GEN

COMMENTS

Reported By James Ricketts

Strong blow in 1mins. inital flow period. Strong blow in 1 mins. final flow period. Gas to surface in 25 mins into final buildup period. Recovery, 372' Gas cut oil 15% gas 85% oill. 124'Gas & mud cut oil, 20% mud 40% oil 40% gas.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/03	00:22:44	0.0000	64.734	81.154
2004/09/03	00:25:44	0.0500	61.963	83.543
2004/09/03	00:28:44	0.1000	89.431	85.363
2004/09/03	00:31:44	0.1500	122.713	86.842
2004/09/03	00:34:44	0.2000	117.399	88.065
2004/09/03	00:37:44	0.2500	216.811	88.997
2004/09/03	00:40:44	0.3000	239.830	89.742
2004/09/03	00:43:44	0.3500	353.577	90.246
2004/09/03	00:46:44	0.4000	453.526	90.678
2004/09/03	00:49:44	0.4500	549.022	91.085
2004/09/03	00:52:44	0.5000	659.134	91.488
2004/09/03	00:55:44	0.5500	718.411	91.924
2004/09/03	00:58:44	0.6000	802.389	92.410
2004/09/03	01:01:44	0.6500	883.346	92.903
2004/09/03	01:04:44	0.7000	982.548	93.409
2004/09/03	01:07:44	0.7500	1070.271	93.969
2004/09/03	01:09:14	0.7750	1142.111	94.255
2004/09/03	01:10:44	0.8000	1199.232	94.575
2004/09/03	01:12:14	0.8250	1260.395	94.921
2004/09/03	01:13:44	0.8500	1276.895	95.292
2004/09/03	01:15:14	0.8750	1262.480	95.675
2004/09/03	01:16:44	0.9000	1381.100	96.058
2004/09/03	01:18:14	0.9250	1397.725	96.465
2004/09/03	01:19:44	0.9500	1466.541	96.868
2004/09/03	01:21:14	0.9750	1580.396	97.288
2004/09/03	01:22:44	1.0000	1553.590	97.725
2004/09/03	01:24:14	1.0250	1571.388	98.177
2004/09/03	01:25:44	1.0500	1608.266	98.616
2004/09/03	01:27:14	1.0750	1646.850	99.037
2004/09/03	01:28:44	1.1000	1676.012	99.432
2004/09/03	01:30:14	1.1250	1648.703	99.840
2004/09/03	01:31:44	1.1500	1649.957	100.213
2004/09/03	01:33:14	1.1750	1727.973	100.558
INital HYD				
2004/09/03	01:34:29	1.1958	1708.124	100.839
2004/09/03	01:34:44	1.2000	83.163	101.125
Initial Flow				
2004/09/03	01:35:29	1.2125	56.176	101.300
2004/09/03	01:36:14	1.2250	62.116	101.431
2004/09/03	01:37:44	1.2500	76.836	101.764
2004/09/03	01:39:14	1.2750	84.801	102.159
2004/09/03	01:40:44	1.3000	87.751	102.591
2004/09/03	01:42:14	1.3250	85.372	103.014
2004/09/03	01:43:44	1.3500	85.915	103.415
2004/09/03	01:45:14	1.3750	87.419	103.780
2004/09/03	01:46:44	1.4000	90.204	104.106
2004/09/03	01:48:14	1.4250	93.562	104.427
2004/09/03	01:49:44	1.4500	96.180	104.711
Initial Flow				
2004/09/03	01:49:59	1.4542	96.505	104.760

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/03	01:51:14	1.4750	115.310	104.974
2004/09/03	01:52:44	1.5000	148.988	105.215
2004/09/03	01:54:14	1.5250	184.476	105.445
2004/09/03	01:55:44	1.5500	222.141	105.672
2004/09/03	01:57:14	1.5750	262.612	105.899
2004/09/03	01:58:44	1.6000	306.654	106.126
2004/09/03	02:00:14	1.6250	354.424	106.353
2004/09/03	02:01:44	1.6500	406.869	106.579
2004/09/03	02:03:14	1.6750	464.941	106.813
2004/09/03	02:04:44	1.7000	530.617	107.038
2004/09/03	02:06:14	1.7250	600.649	107.253
2004/09/03	02:07:44	1.7500	661.216	107.449
2004/09/03	02:09:14	1.7750	707.546	107.632
2004/09/03	02:10:44	1.8000	742.949	107.798
2004/09/03	02:12:14	1.8250	769.493	107.946
2004/09/03	02:13:44	1.8500	790.614	108.077
2004/09/03	02:15:14	1.8750	808.905	108.199
2004/09/03	02:16:44	1.9000	824.489	108.306
2004/09/03	02:18:14	1.9250	837.759	108.406
2004/09/03	02:19:44	1.9500	849.235	108.498
Inital Buildup				
2004/09/03	02:20:44	1.9667	854.534	108.556
2004/09/03	02:21:14	1.9750	185.258	108.712
2004/09/03	02:22:44	2.0000	115.132	108.793
Final Flow				
2004/09/03	02:23:29	2.0125	115.623	108.810
2004/09/03	02:24:14	2.0250	116.621	108.822
2004/09/03	02:25:44	2.0500	121.160	108.851
2004/09/03	02:27:14	2.0750	125.477	108.892
2004/09/03	02:28:44	2.1000	128.229	108.939
2004/09/03	02:30:14	2.1250	130.179	109.002
2004/09/03	02:31:44	2.1500	131.439	109.067
2004/09/03	02:33:14	2.1750	134.053	109.130
2004/09/03	02:34:44	2.2000	136.520	109.207
2004/09/03	02:36:14	2.2250	138.785	109.292
2004/09/03	02:37:44	2.2500	140.211	109.375
2004/09/03	02:39:14	2.2750	141.811	109.468
2004/09/03	02:40:44	2.3000	143.032	109.560
2004/09/03	02:42:14	2.3250	144.442	109.654
2004/09/03	02:43:44	2.3500	145.398	109.746
2004/09/03	02:45:14	2.3750	146.270	109.846
2004/09/03	02:46:44	2.4000	147.611	109.940
2004/09/03	02:48:14	2.4250	148.754	110.032
2004/09/03	02:49:44	2.4500	149.799	110.120
2004/09/03	02:51:14	2.4750	150.986	110.221
2004/09/03	02:52:44	2.5000	152.229	110.311
2004/09/03	02:54:14	2.5250	153.870	110.397
2004/09/03	02:55:44	2.5500	155.436	110.482
2004/09/03	02:57:14	2.5750	157.188	110.565
2004/09/03	02:58:44	2.6000	158.889	110.642

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/03	03:00:14	2.6250	160.750	110.723
2004/09/03	03:01:44	2.6500	162.381	110.797
2004/09/03	03:03:14	2.6750	164.303	110.871
2004/09/03	03:04:44	2.7000	166.094	110.948
2004/09/03	03:06:14	2.7250	167.690	111.027
2004/09/03	03:07:44	2.7500	169.298	111.103
2004/09/03	03:09:14	2.7750	170.888	111.182
2004/09/03	03:10:44	2.8000	172.791	111.259
2004/09/03	03:12:14	2.8250	174.205	111.337
2004/09/03	03:13:44	2.8500	175.795	111.414
2004/09/03	03:15:14	2.8750	177.370	111.490
2004/09/03	03:16:44	2.9000	178.907	111.571
2004/09/03	03:18:14	2.9250	180.707	111.646
Final Flow				
2004/09/03	03:19:14	2.9417	181.520	111.695
2004/09/03	03:19:44	2.9500	182.186	111.722
2004/09/03	03:21:14	2.9750	205.338	111.789
2004/09/03	03:22:44	3.0000	232.938	111.855
2004/09/03	03:24:14	3.0250	261.185	111.922
2004/09/03	03:25:44	3.0500	290.496	112.005
2004/09/03	03:27:14	3.0750	320.791	112.086
2004/09/03	03:28:44	3.1000	352.578	112.174
2004/09/03	03:30:14	3.1250	386.056	112.260
2004/09/03	03:31:44	3.1500	422.369	112.357
2004/09/03	03:33:14	3.1750	463.148	112.462
2004/09/03	03:34:44	3.2000	509.858	112.566
2004/09/03	03:36:14	3.2250	559.042	112.667
2004/09/03	03:37:44	3.2500	605.813	112.780
2004/09/03	03:39:14	3.2750	645.676	112.885
2004/09/03	03:40:44	3.3000	675.911	112.980
2004/09/03	03:42:14	3.3250	699.094	113.065
2004/09/03	03:43:44	3.3500	717.886	113.149
2004/09/03	03:45:14	3.3750	733.673	113.214
2004/09/03	03:46:44	3.4000	747.465	113.277
2004/09/03	03:48:14	3.4250	759.425	113.329
2004/09/03	03:49:44	3.4500	770.048	113.373
2004/09/03	03:51:14	3.4750	779.735	113.414
2004/09/03	03:52:44	3.5000	788.541	113.445
2004/09/03	03:54:14	3.5250	796.714	113.473
2004/09/03	03:55:44	3.5500	804.377	113.499
2004/09/03	03:57:14	3.5750	811.148	113.517
2004/09/03	03:58:44	3.6000	817.531	113.544
2004/09/03	04:00:14	3.6250	823.627	113.553
2004/09/03	04:01:44	3.6500	829.409	113.569
2004/09/03	04:03:14	3.6750	834.813	113.583
2004/09/03	04:04:44	3.7000	839.950	113.587
2004/09/03	04:06:14	3.7250	844.689	113.607
2004/09/03	04:07:44	3.7500	849.131	113.612
2004/09/03	04:09:14	3.7750	853.280	113.628
2004/09/03	04:10:44	3.8000	857.220	113.634

Company Name	Harris Oil & Gas Co.
Well Name	M&M Fisher 1-12
Type of Test	DST#4 3500' to 3558'
Date(s) of Test	9-3-2004

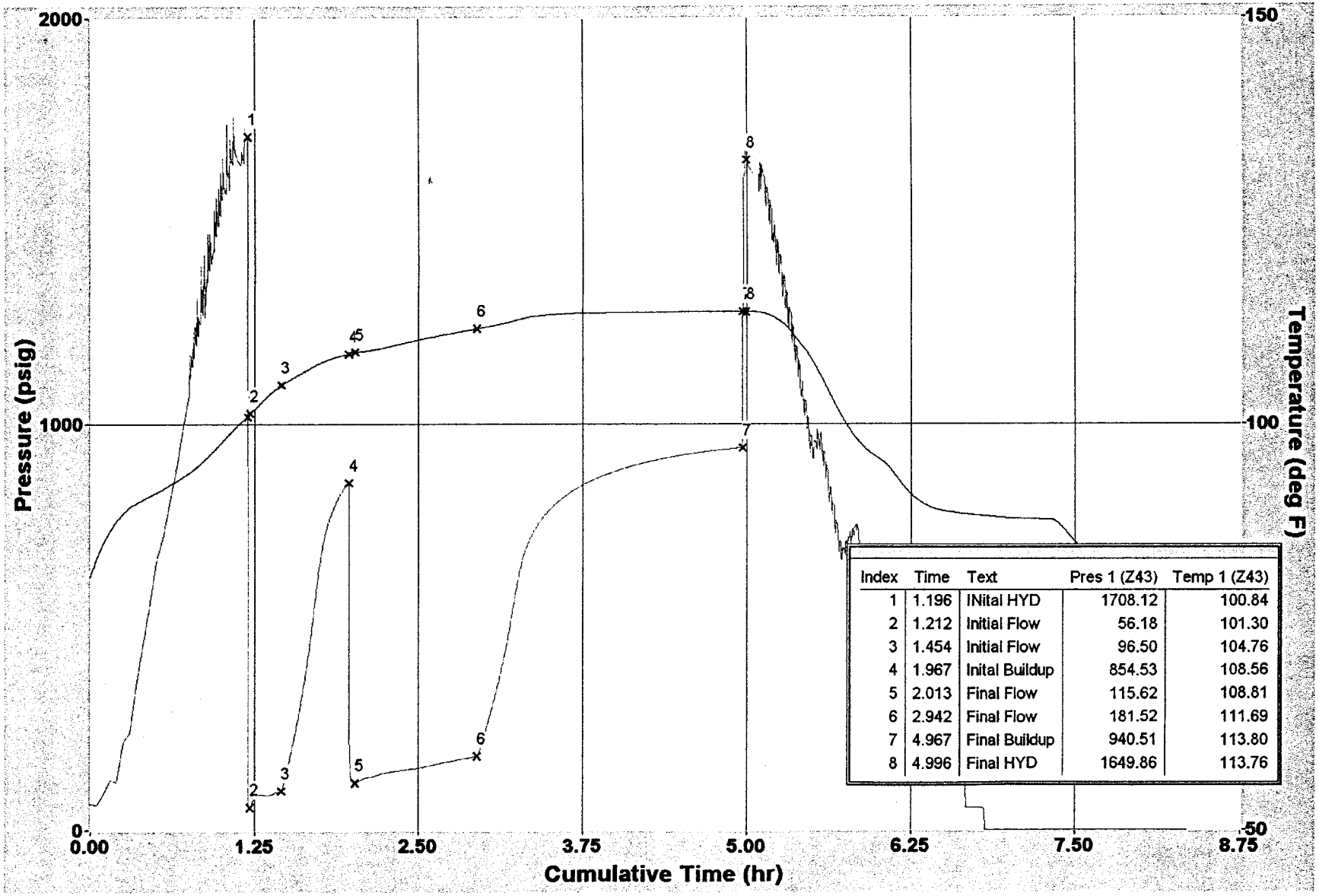
Ricketts Testing

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/03	04:12:14	3.8250	861.040	113.644
2004/09/03	04:13:44	3.8500	864.697	113.648
2004/09/03	04:15:14	3.8750	868.104	113.655
2004/09/03	04:16:44	3.9000	871.350	113.666
2004/09/03	04:18:14	3.9250	874.484	113.673
2004/09/03	04:19:44	3.9500	877.496	113.679
2004/09/03	04:21:14	3.9750	880.378	113.684
2004/09/03	04:22:44	4.0000	883.159	113.688
2004/09/03	04:24:14	4.0250	885.866	113.697
2004/09/03	04:25:44	4.0500	888.474	113.702
2004/09/03	04:27:14	4.0750	890.976	113.707
2004/09/03	04:28:44	4.1000	893.363	113.715
2004/09/03	04:30:14	4.1250	895.703	113.713
2004/09/03	04:31:44	4.1500	897.969	113.718
2004/09/03	04:33:14	4.1750	900.151	113.722
2004/09/03	04:34:44	4.2000	902.244	113.727
2004/09/03	04:36:14	4.2250	904.263	113.729
2004/09/03	04:37:44	4.2500	906.214	113.733
2004/09/03	04:39:14	4.2750	908.082	113.736
2004/09/03	04:40:44	4.3000	909.869	113.742
2004/09/03	04:42:14	4.3250	911.606	113.743
2004/09/03	04:43:44	4.3500	913.292	113.745
2004/09/03	04:45:14	4.3750	914.902	113.749
2004/09/03	04:46:44	4.4000	916.462	113.751
2004/09/03	04:48:14	4.4250	917.944	113.760
2004/09/03	04:49:44	4.4500	919.387	113.760
2004/09/03	04:51:14	4.4750	920.750	113.761
2004/09/03	04:52:44	4.5000	922.116	113.761
2004/09/03	04:54:14	4.5250	923.406	113.763
2004/09/03	04:55:44	4.5500	924.644	113.769
2004/09/03	04:57:14	4.5750	925.848	113.767
2004/09/03	04:58:44	4.6000	927.020	113.772
2004/09/03	05:00:14	4.6250	928.162	113.772
2004/09/03	05:01:44	4.6500	929.266	113.774
2004/09/03	05:03:14	4.6750	930.320	113.776
2004/09/03	05:04:44	4.7000	931.306	113.778
2004/09/03	05:06:14	4.7250	932.288	113.778
2004/09/03	05:07:44	4.7500	933.261	113.787
2004/09/03	05:09:14	4.7750	934.186	113.787
2004/09/03	05:10:44	4.8000	935.135	113.790
2004/09/03	05:12:14	4.8250	935.986	113.790
2004/09/03	05:13:44	4.8500	936.824	113.788
2004/09/03	05:15:14	4.8750	937.654	113.792
2004/09/03	05:16:44	4.9000	938.461	113.792
2004/09/03	05:18:14	4.9250	939.254	113.796
2004/09/03	05:19:44	4.9500	940.008	113.796
Final Buildup				
2004/09/03	05:20:44	4.9667	940.507	113.797
2004/09/03	05:21:14	4.9750	1607.172	113.743
Final HYD				

Company Name	Harris Oil & Gas Co.
Well Name	M&M Fisher 1-12
Type of Test	DST#4 3500' to 3558'
Date(s) of Test	9-3-2004

Ricketts Testing

9/3/2004 DST #4 M&M Fisher 1-12



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.196	INital HYD	1708.12	100.84
2	1.212	Initial Flow	56.18	101.30
3	1.454	Initial Flow	96.50	104.76
4	1.967	Inital Buildup	854.53	108.56
5	2.013	Final Flow	115.62	108.81
6	2.942	Final Flow	181.52	111.69
7	4.967	Final Buildup	940.51	113.80
8	4.996	Final HYD	1649.86	113.76

Ricketts Testing, Inc.

Company HARRIS OIL & GAS CO. Lease & Well No. M & M FISHCER #1-12

Elevation 1890 K.B. Formation ARBUCKLE Ticket No. 2206

Date 9-3-04 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by KRIS KENNEDY Ricketts Representative JIM RICKETTS

Formation Test No. 5 Interval Tested from 3638 ft. to 3705 ft. Total Depth 3705 ft.

Packer Depth 3638 ft. Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Packer Depth 3635 ft. Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3643 ft. Recorder Number 11027 Cap. 4625

Bottom Recorder Depth (Outside) 3646 ft. Recorder Number Z43 Cap. 6000

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

Drilling Contractor STERLING DRILLING RIG #1 Drill Collar Length 242 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 57 Weight Pipe Length ____ I.D. ____ in.

Weight 8.7 Water Loss 10.2 cc. Drill Pipe Length 3376 I.D. 3.25 in.

Chlorides 6000 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make ____ Serial Number ____ Anchor Length 67 ft. Size 5½ in.

Did Well Flow? NO Reversed Out YES Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Gravity Oil 37° Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: STRONG BLOW 1/2 MINUTE INTO INITIAL FLOW PERIOD. STRONG BLOW - GAS TO SURFACE IN 15 MINUTES FINAL FLOW PERIOD. GAUGED 1180 CFPD TO 747 CFPD

Recovered 1489 ft. of GAS IN PIPE.

Recovered 2207 ft. of FREE OIL.

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: ____

Time Set Packer (s) 8:30 P.M. Time Started Off Bottom 12:15 A.M. Maximum Temperature 118°

Initial Hydrostatic Pressure	(A)	1791	P.S.I.	
Initial Flow Period Minutes 15	(B)	511	P.S.I.	to
	(C)	484	P.S.I.	
Initial Closed In Period Minutes 30	(D)	1018	P.S.I.	
Final Flow Period Minutes 60	(E)	578	P.S.I.	to
	(F)	763	P.S.I.	
Final Closed In Period Minutes 120	(G)	1088	P.S.I.	
Final Hydrostatic Pressure	(H)	1672	P.S.I.	

Ricketts Testing

GAS FLOW REPORT

Date 9-3-04 Ticket 2206 Company HARRIS OIL & GAS CO.

Well Name and No. M & M FISCHER #1-12 Dst No. 5 Interval Tested 3638-3705

County STAFFORD State KS Sec. 12 Twp. 22S Rg. 13W

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
			PRE FLOW			
1/4" ORIFICE				SECOND FLOW		GAS TO SURFACE IN 15 MINUTES
9:40		5 IOW				1,180 CFPD
9:50		3 IOW				915 CFPD
10:00		2 IOW				747 CFPD
TOO SMALL TO GAUGE						

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	Harris Oil & Gas Co.
Representative	Kris Kennedy
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M&M Fisher 1-12
Well Location	12-22-13W SW SE NW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil & Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Sterling Rig #1
Elevations	
Kelly Bushing (KB)	1890KB
Casing Flange (CF)	
KB-CF	
Ground Level	1881 GL
Plug Back Total Depth	
Total Depth	3705'
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST#5 3638' to 3705'
Date(s) of Test	9-3-2004
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	9-3-2004
Date / Time on Bottom	9-3-2004 @ 8:30 PM
Date / Time off Bottom	9-4-2004 @ 12:15 AM
Probe Serial Number	Z43
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	3643'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1861.0 psig
Maximum Recorded Probe Temperature	118.9 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	Sep 03/2004 @ 19:23:44
Program End Time	Sep 04/2004 @ 05:15:59
Total Samples Taken	2205
Usage for this Test	0.0800 Ah
Generic Data File Name	Z43SE04A.GEN

COMMENTS

Reported By James Ricketts

Strong blow in 1/2 mins. inital flow period. Strong blow gas to surface in 15 mins. final flow period. gauge 1180 CFPD to 747 CFPD. Recovery, 1489' gas in pipe. 2207' free oil. GR 37.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/03	19:23:44	0.0000	35.966	93.405
2004/09/03	19:29:44	0.1000	92.679	93.618
2004/09/03	19:35:44	0.2000	117.454	93.663
2004/09/03	19:41:44	0.3000	326.322	93.330
2004/09/03	19:47:44	0.4000	558.791	93.096
2004/09/03	19:53:44	0.5000	711.702	93.229
2004/09/03	19:59:44	0.6000	911.690	93.880
2004/09/03	20:05:44	0.7000	1124.034	94.741
2004/09/03	20:08:44	0.7500	1265.498	95.279
2004/09/03	20:09:44	0.7667	1366.545	95.468
2004/09/03	20:11:44	0.8000	1299.139	95.902
2004/09/03	20:13:44	0.8333	1467.097	96.361
2004/09/03	20:15:44	0.8667	1511.847	96.834
2004/09/03	20:17:44	0.9000	1513.699	97.347
2004/09/03	20:19:44	0.9333	1596.769	97.885
2004/09/03	20:21:44	0.9667	1628.197	98.452
2004/09/03	20:23:44	1.0000	1808.423	99.025
2004/09/03	20:25:44	1.0333	1737.137	99.639
2004/09/03	20:27:44	1.0667	1704.587	100.258
2004/09/03	20:29:44	1.1000	1806.847	100.825
2004/09/03	20:31:44	1.1333	1797.958	101.332
Inital HYD				
2004/09/03	20:32:29	1.1458	1791.076	101.525
Initial Flow				
2004/09/03	20:32:44	1.1500	511.529	101.685
2004/09/03	20:33:44	1.1667	528.148	101.923
2004/09/03	20:35:44	1.2000	554.234	102.510
2004/09/03	20:37:44	1.2333	503.145	103.665
2004/09/03	20:39:44	1.2667	482.049	104.963
2004/09/03	20:41:44	1.3000	475.634	106.101
2004/09/03	20:43:44	1.3333	475.940	107.006
2004/09/03	20:45:44	1.3667	480.732	107.722
Initial Flow				
2004/09/03	20:46:59	1.3875	484.105	108.079
2004/09/03	20:47:44	1.4000	725.576	108.237
2004/09/03	20:49:44	1.4333	787.196	108.707
2004/09/03	20:51:44	1.4667	825.443	109.096
2004/09/03	20:53:44	1.5000	855.226	109.432
2004/09/03	20:55:44	1.5333	879.978	109.724
2004/09/03	20:57:44	1.5667	900.949	109.971
2004/09/03	20:59:44	1.6000	919.225	110.201
2004/09/03	21:01:44	1.6333	935.278	110.403
2004/09/03	21:03:44	1.6667	949.551	110.590
2004/09/03	21:05:44	1.7000	962.410	110.763
2004/09/03	21:07:44	1.7333	973.997	110.919
2004/09/03	21:09:44	1.7667	984.684	111.072
2004/09/03	21:11:44	1.8000	994.272	111.204
2004/09/03	21:13:44	1.8333	1003.179	111.335
2004/09/03	21:15:44	1.8667	1011.310	111.448
Inital Buildup				

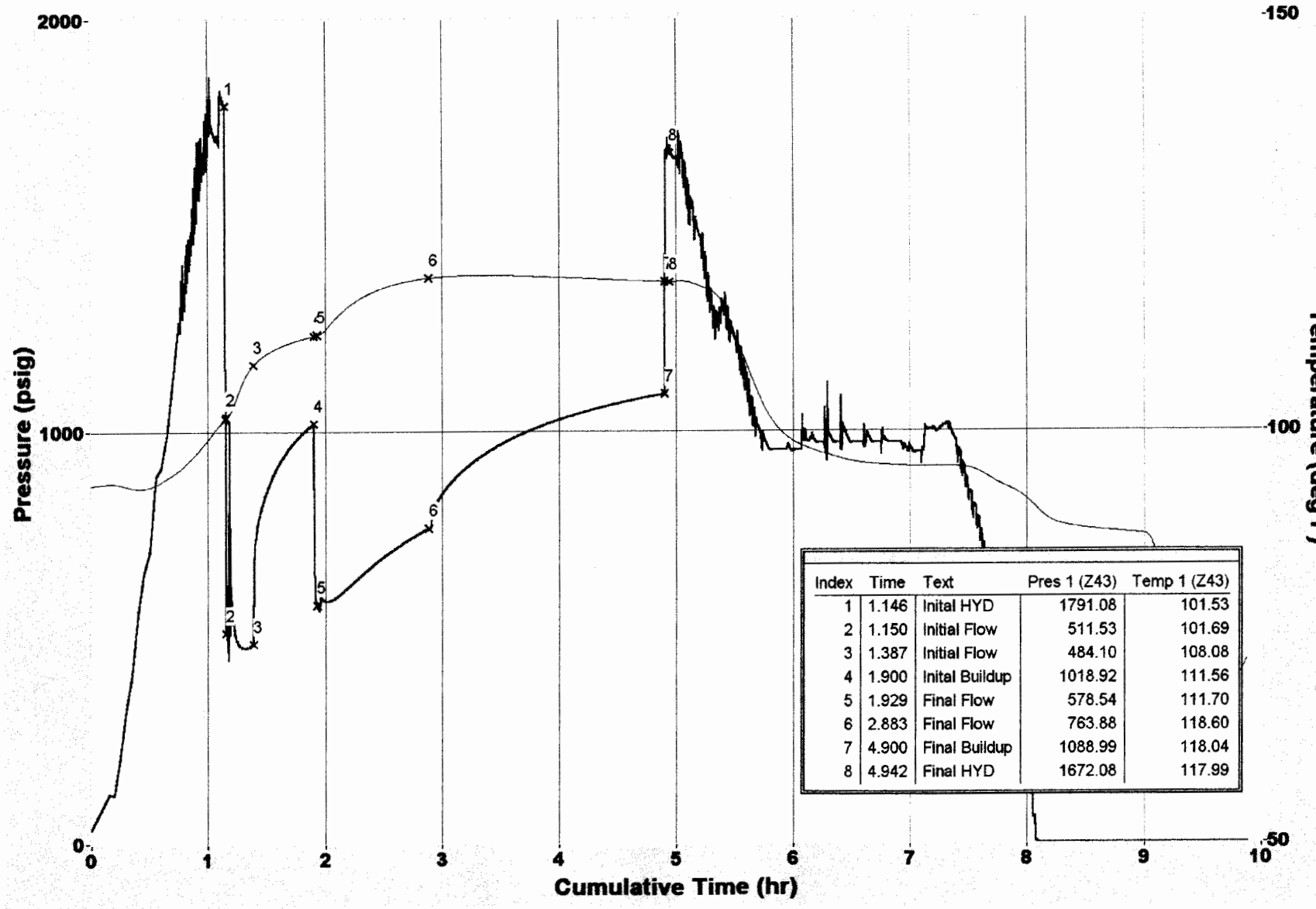
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/03	21:17:44	1.9000	1018.920	111.562
Final Flow				
2004/09/03	21:19:29	1.9292	578.542	111.697
2004/09/03	21:19:44	1.9333	574.731	111.709
2004/09/03	21:21:44	1.9667	596.271	111.898
2004/09/03	21:23:44	2.0000	589.399	112.305
2004/09/03	21:25:44	2.0333	588.773	112.842
2004/09/03	21:27:44	2.0667	592.538	113.392
2004/09/03	21:29:44	2.1000	598.755	113.907
2004/09/03	21:31:44	2.1333	606.634	114.357
2004/09/03	21:33:44	2.1667	614.734	114.780
2004/09/03	21:35:44	2.2000	623.603	115.158
2004/09/03	21:37:44	2.2333	631.700	115.516
2004/09/03	21:39:44	2.2667	640.420	115.837
2004/09/03	21:41:44	2.3000	648.646	116.134
2004/09/03	21:43:44	2.3333	657.002	116.400
2004/09/03	21:45:44	2.3667	665.109	116.645
2004/09/03	21:47:44	2.4000	673.360	116.866
2004/09/03	21:49:44	2.4333	681.027	117.077
2004/09/03	21:51:44	2.4667	688.478	117.268
2004/09/03	21:53:44	2.5000	695.761	117.428
2004/09/03	21:55:44	2.5333	702.493	117.590
2004/09/03	21:57:44	2.5667	708.902	117.727
2004/09/03	21:59:44	2.6000	715.146	117.860
2004/09/03	22:01:44	2.6333	722.052	117.979
2004/09/03	22:03:44	2.6667	728.656	118.092
2004/09/03	22:05:44	2.7000	734.208	118.188
2004/09/03	22:07:44	2.7333	739.949	118.276
2004/09/03	22:09:44	2.7667	745.402	118.359
2004/09/03	22:11:44	2.8000	751.141	118.438
2004/09/03	22:13:44	2.8333	756.553	118.510
2004/09/03	22:15:44	2.8667	761.581	118.569
Final Flow				
2004/09/03	22:16:44	2.8833	763.877	118.598
2004/09/03	22:17:44	2.9000	766.305	118.629
2004/09/03	22:19:44	2.9333	818.318	118.675
2004/09/03	22:21:44	2.9667	835.079	118.720
2004/09/03	22:23:44	3.0000	849.082	118.756
2004/09/03	22:25:44	3.0333	861.482	118.789
2004/09/03	22:27:44	3.0667	872.937	118.818
2004/09/03	22:29:44	3.1000	883.250	118.839
2004/09/03	22:31:44	3.1333	892.807	118.857
2004/09/03	22:33:44	3.1667	901.722	118.872
2004/09/03	22:35:44	3.2000	910.065	118.886
2004/09/03	22:37:44	3.2333	917.895	118.899
2004/09/03	22:39:44	3.2667	925.301	118.899
2004/09/03	22:41:44	3.3000	932.308	118.904
2004/09/03	22:43:44	3.3333	938.947	118.904
2004/09/03	22:45:44	3.3667	945.264	118.906
2004/09/03	22:47:44	3.4000	951.299	118.908

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/09/03	22:49:44	3.4333	957.080	118.904
2004/09/03	22:51:44	3.4667	962.574	118.897
2004/09/03	22:53:44	3.5000	967.824	118.888
2004/09/03	22:55:44	3.5333	972.888	118.884
2004/09/03	22:57:44	3.5667	977.745	118.872
2004/09/03	22:59:44	3.6000	982.509	118.859
2004/09/03	23:01:44	3.6333	987.090	118.843
2004/09/03	23:03:44	3.6667	991.445	118.832
2004/09/03	23:05:44	3.7000	995.650	118.812
2004/09/03	23:07:44	3.7333	999.718	118.794
2004/09/03	23:09:44	3.7667	1003.599	118.769
2004/09/03	23:11:44	3.8000	1007.421	118.755
2004/09/03	23:13:44	3.8333	1011.079	118.731
2004/09/03	23:15:44	3.8667	1014.632	118.708
2004/09/03	23:17:44	3.9000	1018.096	118.692
2004/09/03	23:19:44	3.9333	1021.453	118.674
2004/09/03	23:21:44	3.9667	1024.700	118.648
2004/09/03	23:23:44	4.0000	1027.866	118.630
2004/09/03	23:25:44	4.0333	1030.926	118.607
2004/09/03	23:27:44	4.0667	1033.916	118.584
2004/09/03	23:29:44	4.1000	1036.818	118.562
2004/09/03	23:31:44	4.1333	1039.618	118.539
2004/09/03	23:33:44	4.1667	1042.349	118.521
2004/09/03	23:35:44	4.2000	1044.968	118.497
2004/09/03	23:37:44	4.2333	1047.565	118.472
2004/09/03	23:39:44	4.2667	1050.144	118.450
2004/09/03	23:41:44	4.3000	1052.622	118.425
2004/09/03	23:43:44	4.3333	1055.031	118.400
2004/09/03	23:45:44	4.3667	1057.410	118.378
2004/09/03	23:47:44	4.4000	1059.730	118.357
2004/09/03	23:49:44	4.4333	1062.011	118.335
2004/09/03	23:51:44	4.4667	1064.202	118.310
2004/09/03	23:53:44	4.5000	1066.388	118.290
2004/09/03	23:55:44	4.5333	1068.487	118.267
2004/09/03	23:57:44	4.5667	1070.573	118.242
2004/09/03	23:59:44	4.6000	1072.596	118.220
2004/09/04	00:01:44	4.6333	1074.571	118.198
2004/09/04	00:03:44	4.6667	1076.514	118.180
2004/09/04	00:05:44	4.7000	1078.427	118.159
2004/09/04	00:07:44	4.7333	1080.265	118.135
2004/09/04	00:09:44	4.7667	1082.120	118.112
2004/09/04	00:11:44	4.8000	1083.865	118.090
2004/09/04	00:13:44	4.8333	1085.598	118.071
2004/09/04	00:15:44	4.8667	1087.336	118.058
Final Buildup				
2004/09/04	00:17:44	4.9000	1088.991	118.038
2004/09/04	00:19:44	4.9333	1682.744	117.984
Final HYD				
2004/09/04	00:20:14	4.9417	1672.079	117.991
2004/09/04	00:21:44	4.9667	1668.503	118.020

Company Name	Harris Oil & Gas Co.
Well Name	M&M Fisher 1-12
Type of Test	DST#5 3638' to 3705'
Date(s) of Test	9-3-2004

Ricketts Testing

9-3-2004 DST#5 M&M Fisher 1-12



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.146	Inital HYD	1791.08	101.53
2	1.150	Initial Flow	511.53	101.69
3	1.387	Initial Flow	484.10	108.08
4	1.900	Inital Buildup	1018.92	111.56
5	1.929	Final Flow	578.54	111.70
6	2.883	Final Flow	763.88	118.60
7	4.900	Final Buildup	1088.99	118.04
8	4.942	Final HYD	1672.08	117.99