12-22-13W

Ricketts Testing, Inc.

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ORIGINAL

Company MURFIN DRILLING COMPANY, INC. Lease & Well No. M. DRACH #1-12

Elevation 1884 G.L. Formation LANSING Ticket No. 2259

Date 3-8-05 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by KRIS KENNEDY Ricketts Representative JIMMY RICKETTS

Formation Test No. 1 Interval Tested from 3342 ft. to 3408 ft. Total Depth 3408 ft.

Packer Depth 3342 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3339 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3347 ft. Recorder Number W1023 Cap. 10,000

Bottom Recorder Depth (Outside) 3350 ft. Recorder Number Z43 Cap. 6000

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor BERENTZ DRILLING RIG #5 Drill Collar Length 382 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 49 Weight Pipe Length I.D. in.

Weight 9.2 Water Loss 12.2 cc. Drill Pipe Length 2940 I.D. 3.25 in.

Chlorides 6500 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make Serial Number Anchor Length 66 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: WEAK BLOW BUILDING TO A STRONG BLOW IN 6 MINUTES INITIAL FLOW PERIOD. SURFACE BLOW BACK ON INITIAL SHUT IN. STRONG BLOW FINAL FLOW PERIOD.

Recovered 540 ft. of GAS IN PIPE.

Recovered 70 ft. of OIL CUT MUD.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer (s) 11:45 P.M. Time Started Off Bottom 3:30 A.M. Maximum Temperature 106°

Initial Hydrostatic Pressure (A) 1577 P.S.I.

Initial Flow Period Minutes 30 (B) 17 P.S.I. to (C) 26 P.S.I.

Initial Closed In Period Minutes 60 (D) 341 P.S.I.

Final Flow Period Minutes 45 (E) 32 P.S.I. to (F) 43 P.S.I.

Final Closed In Period Minutes 90 (G) 339 P.S.I.

Final Hydrostatic Pressure (H) 1571 P.S.I.

Pressure Test Report

COMPANY INFORMATION

Company Name	Murfin Drilling Company, Inc.
Representative	Kris Kennedy
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M. Drach 1-12
Well Location	12-22S-13W S/2 NE SW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil and Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Berentz Drilling #5
Elevations	
Kelly Bushing (KB)	1895 KB
Casing Flange (CF)	
KB-CF	
Ground Level	1884 GL
Plug Back Total Depth	
Total Depth	3408
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #1 3342 to 3408
Date(s) of Test	3-08-2005
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	3-08-2005
Date / Time on Bottom	3-08-2005 11:45 pm
Date / Time off Bottom	3-09-2005 3:30 am
Probe Serial Number	Z43
Probe Offset from End of Tool String	3342
Run Depth at Probe Pressure Port	

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1650.9 psig
Maximum Recorded Probe Temperature	107.5 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	Mar 08/2005 @ 22:36:04
Program End Time	Mar 09/2005 @ 07:45:04
Total Samples Taken	2032
Usage for this Test	0.0740 Ah
Generic Data File Name	Z43MR09A.GEN

COMMENTS

Reported By Jimmy Ricketts

Weak blow building to strong blow in 6 minutes intial flow period. Surface blow back on final flow period. Recovery - 540' gas in pipe and 70' oil cut mud.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/08	22:36:04	0.0000	57.364	55.819
2005/03/08	22:39:04	0.0500	155.604	62.807
2005/03/08	22:42:04	0.1000	253.128	68.194
2005/03/08	22:45:04	0.1500	337.332	72.345
2005/03/08	22:48:04	0.2000	454.604	75.623
2005/03/08	22:51:04	0.2500	552.014	78.201
2005/03/08	22:54:04	0.3000	614.815	80.280
2005/03/08	22:57:04	0.3500	724.078	81.977
2005/03/08	23:00:04	0.4000	765.585	83.401
2005/03/08	23:03:04	0.4500	874.313	84.569
2005/03/08	23:06:04	0.5000	911.505	85.590
2005/03/08	23:09:04	0.5500	957.099	86.488
2005/03/08	23:12:04	0.6000	1085.397	87.307
2005/03/08	23:15:04	0.6500	1121.055	88.070
2005/03/08	23:18:04	0.7000	1178.044	88.813
2005/03/08	23:21:04	0.7500	1231.884	89.578
2005/03/08	23:22:04	0.7667	1269.577	89.812
2005/03/08	23:24:04	0.8000	1376.611	90.316
2005/03/08	23:26:04	0.8333	1359.196	90.820
2005/03/08	23:28:04	0.8667	1468.060	91.323
2005/03/08	23:30:04	0.9000	1448.368	91.845
2005/03/08	23:32:04	0.9333	1473.179	92.394
2005/03/08	23:34:04	0.9667	1571.742	92.970
2005/03/08	23:36:04	1.0000	1568.299	93.564
2005/03/08	23:38:04	1.0333	1551.297	94.195
2005/03/08	23:40:04	1.0667	1603.253	94.816
2005/03/08	23:42:04	1.1000	1578.466	95.473
2005/03/08	23:44:04	1.1333	1575.674	96.127
Intial HYD				
2005/03/08	23:46:04	1.1667	1577.963	96.719
Initial Flow				
2005/03/08	23:47:49	1.1958	17.663	97.452
2005/03/08	23:48:04	1.2000	18.486	97.504
2005/03/08	23:50:04	1.2333	19.440	97.914
2005/03/08	23:52:04	1.2667	20.560	98.335
2005/03/08	23:54:04	1.3000	21.422	98.746
2005/03/08	23:56:04	1.3333	22.054	99.131
2005/03/08	23:58:04	1.3667	22.563	99.493
2005/03/09	00:00:04	1.4000	22.975	99.811
2005/03/09	00:02:04	1.4333	23.395	100.116
2005/03/09	00:04:04	1.4667	23.766	100.382
2005/03/09	00:06:04	1.5000	24.115	100.638
2005/03/09	00:08:04	1.5333	24.449	100.877
2005/03/09	00:10:04	1.5667	24.778	101.107
2005/03/09	00:12:04	1.6000	25.089	101.307
2005/03/09	00:14:04	1.6333	25.400	101.503
2005/03/09	00:16:04	1.6667	25.747	101.687
2005/03/09	00:18:04	1.7000	26.074	101.863
Initial Flow				
2005/03/09	00:18:49	1.7125	26.174	101.921

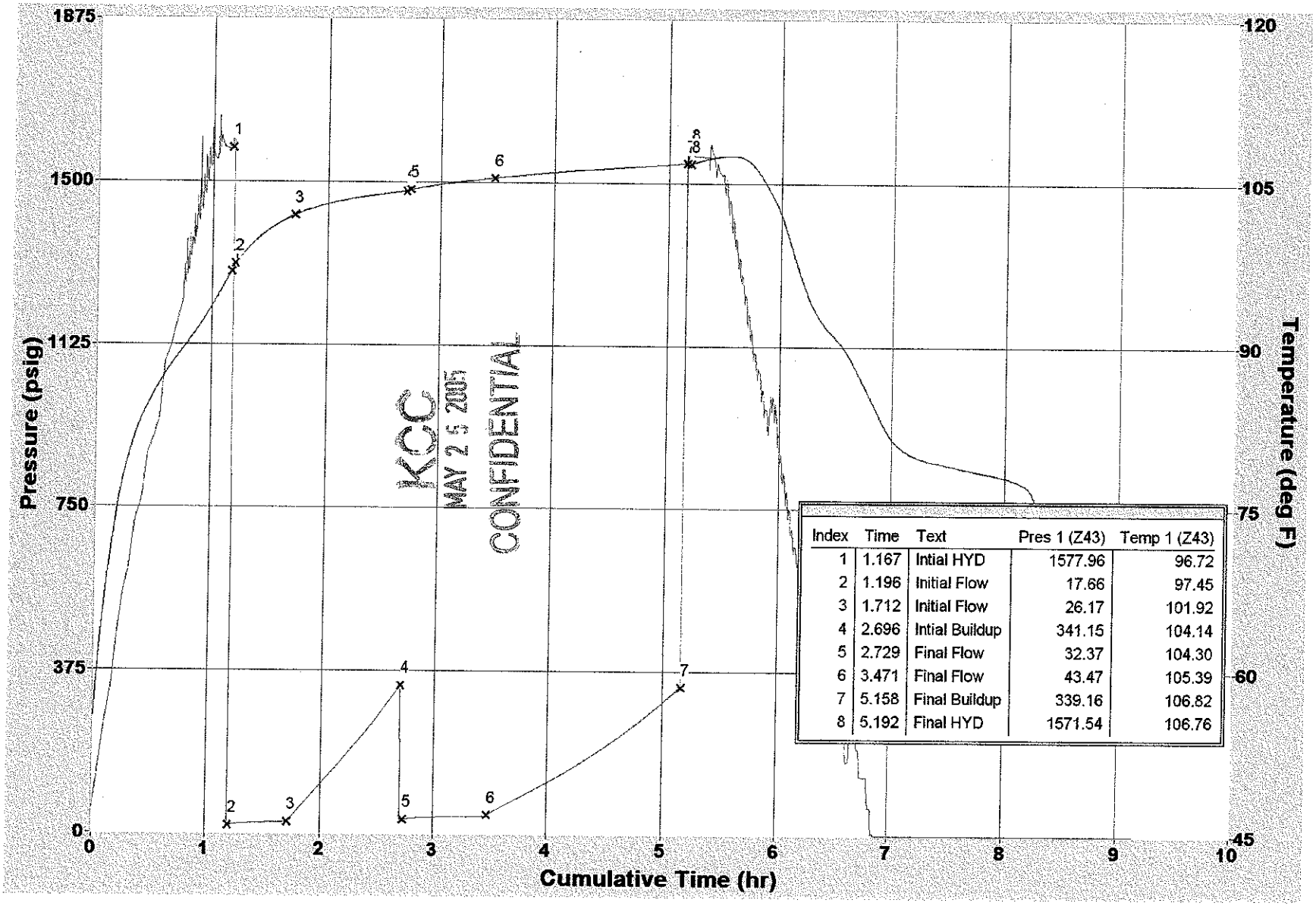
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/09	00:20:04	1.7333	30.823	102.018
2005/03/09	00:22:04	1.7667	41.621	102.160
2005/03/09	00:24:04	1.8000	52.333	102.288
2005/03/09	00:26:04	1.8333	62.588	102.412
2005/03/09	00:28:04	1.8667	72.850	102.526
2005/03/09	00:30:04	1.9000	82.762	102.637
2005/03/09	00:32:04	1.9333	92.699	102.736
2005/03/09	00:34:04	1.9667	102.715	102.839
2005/03/09	00:36:04	2.0000	112.602	102.925
2005/03/09	00:38:04	2.0333	122.524	103.012
2005/03/09	00:40:04	2.0667	132.509	103.095
2005/03/09	00:42:04	2.1000	142.521	103.174
2005/03/09	00:44:04	2.1333	152.537	103.251
2005/03/09	00:46:04	2.1667	162.769	103.325
2005/03/09	00:48:04	2.2000	173.073	103.388
2005/03/09	00:50:04	2.2333	183.430	103.462
2005/03/09	00:52:04	2.2667	193.903	103.516
2005/03/09	00:54:04	2.3000	204.415	103.575
2005/03/09	00:56:04	2.3333	214.964	103.629
2005/03/09	00:58:04	2.3667	225.629	103.689
2005/03/09	01:00:04	2.4000	236.444	103.737
2005/03/09	01:02:04	2.4333	247.487	103.788
2005/03/09	01:04:04	2.4667	258.704	103.829
2005/03/09	01:06:04	2.5000	270.105	103.885
2005/03/09	01:08:04	2.5333	281.923	103.924
2005/03/09	01:10:04	2.5667	293.636	103.971
2005/03/09	01:12:04	2.6000	305.619	104.016
2005/03/09	01:14:04	2.6333	317.777	104.059
2005/03/09	01:16:04	2.6667	330.097	104.104
Intial Buildup				
2005/03/09	01:17:49	2.6958	341.150	104.142
2005/03/09	01:18:04	2.7000	92.421	104.245
Final Flow				
2005/03/09	01:19:49	2.7292	32.370	104.301
2005/03/09	01:20:04	2.7333	32.732	104.308
2005/03/09	01:22:04	2.7667	34.003	104.356
2005/03/09	01:24:04	2.8000	34.970	104.428
2005/03/09	01:26:04	2.8333	35.804	104.497
2005/03/09	01:28:04	2.8667	36.323	104.553
2005/03/09	01:30:04	2.9000	36.780	104.621
2005/03/09	01:32:04	2.9333	37.130	104.679
2005/03/09	01:34:04	2.9667	37.427	104.731
2005/03/09	01:36:04	3.0000	37.542	104.785
2005/03/09	01:38:04	3.0333	37.844	104.833
2005/03/09	01:40:04	3.0667	37.957	104.884
2005/03/09	01:42:04	3.1000	38.360	104.929
2005/03/09	01:44:04	3.1333	38.402	104.972
2005/03/09	01:46:04	3.1667	38.739	105.019
2005/03/09	01:48:04	3.2000	38.770	105.062
2005/03/09	01:50:04	3.2333	39.036	105.102

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/09	01:52:04	3.2667	39.315	105.147
2005/03/09	01:54:04	3.3000	39.359	105.188
2005/03/09	01:56:04	3.3333	39.592	105.233
2005/03/09	01:58:04	3.3667	39.824	105.271
2005/03/09	02:00:04	3.4000	39.896	105.316
2005/03/09	02:02:04	3.4333	40.125	105.352
2005/03/09	02:04:04	3.4667	42.790	105.386
Final Flow				
2005/03/09	02:04:19	3.4708	43.472	105.390
2005/03/09	02:06:04	3.5000	47.972	105.429
2005/03/09	02:08:04	3.5333	52.838	105.463
2005/03/09	02:10:04	3.5667	57.645	105.494
2005/03/09	02:12:04	3.6000	62.304	105.535
2005/03/09	02:14:04	3.6333	66.955	105.571
2005/03/09	02:16:04	3.6667	71.612	105.602
2005/03/09	02:18:04	3.7000	76.239	105.636
2005/03/09	02:20:04	3.7333	80.875	105.670
2005/03/09	02:22:04	3.7667	85.530	105.712
2005/03/09	02:24:04	3.8000	90.171	105.742
2005/03/09	02:26:04	3.8333	94.844	105.777
2005/03/09	02:28:04	3.8667	99.526	105.809
2005/03/09	02:30:04	3.9000	104.229	105.843
2005/03/09	02:32:04	3.9333	108.951	105.874
2005/03/09	02:34:04	3.9667	113.797	105.906
2005/03/09	02:36:04	4.0000	118.665	105.939
2005/03/09	02:38:04	4.0333	123.618	105.966
2005/03/09	02:40:04	4.0667	128.619	105.996
2005/03/09	02:42:04	4.1000	133.735	106.027
2005/03/09	02:44:04	4.1333	138.915	106.059
2005/03/09	02:46:04	4.1667	144.142	106.086
2005/03/09	02:48:04	4.2000	149.462	106.117
2005/03/09	02:50:04	4.2333	154.843	106.142
2005/03/09	02:52:04	4.2667	160.370	106.169
2005/03/09	02:54:04	4.3000	166.004	106.194
2005/03/09	02:56:04	4.3333	171.598	106.223
2005/03/09	02:58:04	4.3667	177.264	106.248
2005/03/09	03:00:04	4.4000	183.016	106.273
2005/03/09	03:02:04	4.4333	188.896	106.297
2005/03/09	03:04:04	4.4667	194.884	106.324
2005/03/09	03:06:04	4.5000	200.956	106.347
2005/03/09	03:08:04	4.5333	207.094	106.372
2005/03/09	03:10:04	4.5667	213.320	106.399
2005/03/09	03:12:04	4.6000	219.619	106.425
2005/03/09	03:14:04	4.6333	226.016	106.450
2005/03/09	03:16:04	4.6667	232.490	106.471
2005/03/09	03:18:04	4.7000	239.092	106.491
2005/03/09	03:20:04	4.7333	245.790	106.518
2005/03/09	03:22:04	4.7667	252.636	106.543
2005/03/09	03:24:04	4.8000	259.581	106.563
2005/03/09	03:26:04	4.8333	266.575	106.596

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/09	03:28:04	4.8667	273.732	106.615
2005/03/09	03:30:04	4.9000	281.137	106.635
2005/03/09	03:32:04	4.9333	288.516	106.657
2005/03/09	03:34:04	4.9667	295.965	106.675
2005/03/09	03:36:04	5.0000	303.534	106.707
2005/03/09	03:38:04	5.0333	311.223	106.725
2005/03/09	03:40:04	5.0667	319.000	106.750
2005/03/09	03:42:04	5.1000	326.890	106.776
2005/03/09	03:44:04	5.1333	334.964	106.795
Final Buildup				
2005/03/09	03:45:34	5.1583	339.165	106.817
2005/03/09	03:46:04	5.1667	1565.292	106.687
Final HYD				
2005/03/09	03:47:34	5.1917	1571.539	106.756
2005/03/09	03:48:04	5.2000	1581.141	106.785
2005/03/09	03:50:04	5.2333	1562.318	106.916
2005/03/09	03:52:04	5.2667	1561.525	107.038
2005/03/09	03:54:04	5.3000	1560.942	107.143
2005/03/09	03:56:04	5.3333	1560.281	107.235
2005/03/09	03:58:04	5.3667	1579.721	107.303
2005/03/09	04:00:04	5.4000	1562.309	107.371
2005/03/09	04:02:04	5.4333	1536.811	107.429
2005/03/09	04:04:04	5.4667	1518.823	107.479
2005/03/09	04:06:04	5.5000	1475.784	107.515
2005/03/09	04:08:04	5.5333	1428.900	107.539
2005/03/09	04:10:04	5.5667	1419.984	107.537
2005/03/09	04:12:04	5.6000	1372.168	107.515
2005/03/09	04:14:04	5.6333	1327.334	107.442
2005/03/09	04:16:04	5.6667	1280.668	107.305
2005/03/09	04:18:04	5.7000	1206.931	107.094
2005/03/09	04:20:04	5.7333	1139.780	106.799
2005/03/09	04:22:04	5.7667	1110.907	106.416
2005/03/09	04:24:04	5.8000	1049.564	105.955
2005/03/09	04:26:04	5.8333	1015.007	105.424
2005/03/09	04:28:04	5.8667	982.499	104.851
2005/03/09	04:30:04	5.9000	923.283	104.250
2005/03/09	04:32:04	5.9333	974.591	103.631
2005/03/09	04:34:04	5.9667	966.123	102.979
2005/03/09	04:36:04	6.0000	917.072	102.227
2005/03/09	04:38:04	6.0333	810.956	101.318
2005/03/09	04:40:04	6.0667	762.408	100.240
2005/03/09	04:42:04	6.1000	747.253	99.104
2005/03/09	04:44:04	6.1333	672.755	98.001
2005/03/09	04:46:04	6.1667	637.639	96.912
2005/03/09	04:48:04	6.2000	573.977	95.902
2005/03/09	04:50:04	6.2333	532.785	94.993
2005/03/09	04:52:04	6.2667	597.359	94.163
2005/03/09	04:54:04	6.3000	625.605	93.443
2005/03/09	04:56:04	6.3333	618.875	92.826
2005/03/09	04:58:04	6.3667	564.289	92.282

Company Name	Murfin Drilling Company, Inc.
Well Name	M. Drach 1-12
Type of Test	DST #1 3342 to 3408
Date(s) of Test	3-08-2005

M. Drach 1-12 DST #1



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.167	Intial HYD	1577.96	96.72
2	1.196	Initial Flow	17.66	97.45
3	1.712	Initial Flow	26.17	101.92
4	2.696	Intial Buildup	341.15	104.14
5	2.729	Final Flow	32.37	104.30
6	3.471	Final Flow	43.47	105.39
7	5.158	Final Buildup	339.16	106.82
8	5.192	Final HYD	1571.54	106.76

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Ricketts Testing, Inc.

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Company MURFIN DRILLING COMPANY, INC. Lease & Well No. M. DRACH #1-12

Elevation 1884 GL.L Formation KANSAS CITY G & H Ticket No. 2260

Date 3-9-05 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by _____ Ricketts Representative JIMMY RICKETTS

Formation Test No. 2 Interval Tested from 3406 ft. to 3433 ft. Total Depth 3433 ft.

Packer Depth 3406 ft .Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3403 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3411 ft. Recorder Number W1023 Cap. 10,000

Bottom Recorder Depth (Outside) 3414 ft. Recorder Number Z43 Cap. 6,000

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

Drilling Contractor BERENTZ DRILLING RIG #5 Drill Collar Length 382 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 46 Weight Pipe Length _____ I.D. _____ in.

Weight 8.9 Water Loss 10.2 cc. Drill Pipe Length 3004 I.D. 3.25 in.

Chlorides 8100 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make _____ Serial Number _____ Anchor Length 27 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 THROUGHOUT INITIAL FLOW PERIOD. STRONG BLOW BACK INITIAL SHUT-IN. STRONG BLOW THROUGHOUT FINAL FLOW PERIOD. BLOW BACK DYING IN 60 MINUTES FINAL SHUT-IN

Recovered 250 ft. of OIL CUT MUD. 30% OIL 70% MUD

Recovered 650 ft. of WATER.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 39,000 PPM

Time Set Packer (s) 4:02 P.M. Time Started Off Bottom 7:17 P M. Maximum Temperature 114°

Initial Hydrostatic Pressure	(A)	1665	P.S.I.	
Initial Flow Period Minutes 15	(B)	143	P.S.I.	to
	(C)	232	P.S.I.	
Initial Closed In Period Minutes 60	(D)	950	P.S.I.	
Final Flow Period Minutes 30	(E)	258	P.S.I.	to
	(F)	397	P.S.I.	
Final Closed In Period Minutes 90	(G)	924	P.S.I.	
Final Hydrostatic Pressure	(H)	1587	P.S.I.	

Pressure Test Report

COMPANY INFORMATION

Company Name	Murfin Drilling Company, Inc.
Representative	Kris Kennedy
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M. Drack 1-12
Well Location	12-22S-13W S/2 NE SW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil and Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Berentz Drilling #5
Elevations	
Kelly Bushing (KB)	1895 KB
Casing Flange (CF)	
KB-CF	
Ground Level	1884 GL
Plug Back Total Depth	
Total Depth	3433
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #2 3406 to 3433
Date(s) of Test	3-09-2005
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	3-09-2005
Date / Time on Bottom	3-09-2005 4:02 pm
Date / Time off Bottom	3-09-2005 7:17 pm
Probe Serial Number	Z43
Probe Offset from End of Tool String	3411
Run Depth at Probe Pressure Port	

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1745.8 psig
Maximum Recorded Probe Temperature	116.5 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	Mar 09/2005 @ 14:48:38
Program End Time	Mar 10/2005 @ 00:18:38
Total Samples Taken	2116
Usage for this Test	0.0760 Ah
Generic Data File Name	Z43MR10A.GEN

COMMENTS

Reported By Jimmy Ricketts

Strong blow throughout intial flow period. Strong blow back intial shutin period. Strong blow throughout final flow period. Blow back dying in 60 minutes final shutin period. Recovery - 250' oil cut mud(30% oil and 70%mud) and 650' water.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/09	14:48:38	0.0000	35.914	69.883
2005/03/09	14:54:38	0.1000	90.980	72.219
2005/03/09	15:00:38	0.2000	148.445	74.907
2005/03/09	15:06:38	0.3000	201.308	77.288
2005/03/09	15:12:38	0.4000	324.128	78.930
2005/03/09	15:18:38	0.5000	526.092	80.510
2005/03/09	15:24:38	0.6000	843.806	82.267
2005/03/09	15:30:38	0.7000	978.535	84.024
2005/03/09	15:34:38	0.7667	1135.083	85.120
2005/03/09	15:36:38	0.8000	1261.266	85.678
2005/03/09	15:38:38	0.8333	1256.755	86.265
2005/03/09	15:40:38	0.8667	1350.671	86.907
2005/03/09	15:42:38	0.9000	1411.146	87.616
2005/03/09	15:44:38	0.9333	1440.801	88.335
2005/03/09	15:46:38	0.9667	1494.992	89.010
2005/03/09	15:48:38	1.0000	1655.348	89.676
2005/03/09	15:50:38	1.0333	1622.626	90.352
2005/03/09	15:52:38	1.0667	1646.840	91.011
2005/03/09	15:54:38	1.1000	1617.991	91.702
2005/03/09	15:56:38	1.1333	1594.847	92.397
2005/03/09	15:58:38	1.1667	1588.467	93.013
2005/03/09	16:00:38	1.2000	1626.363	93.531
2005/03/09	16:02:38	1.2333	1663.048	93.994
2005/03/09	16:04:38	1.2667	1667.400	94.422
Intial HYD				
2005/03/09	16:05:08	1.2750	1665.675	94.527
Initial Flow				
2005/03/09	16:05:23	1.2792	143.469	94.791
2005/03/09	16:06:38	1.3000	153.055	95.061
2005/03/09	16:08:38	1.3333	134.966	95.698
2005/03/09	16:10:38	1.3667	164.075	96.723
2005/03/09	16:12:38	1.4000	186.497	98.037
2005/03/09	16:14:38	1.4333	196.729	99.451
2005/03/09	16:16:38	1.4667	212.464	100.879
2005/03/09	16:18:38	1.5000	227.007	102.299
Initial Flow				
2005/03/09	16:19:23	1.5125	232.781	102.834
2005/03/09	16:20:38	1.5333	396.403	103.685
2005/03/09	16:22:38	1.5667	690.930	105.105
2005/03/09	16:24:38	1.6000	769.924	106.536
2005/03/09	16:26:38	1.6333	813.205	107.895
2005/03/09	16:28:38	1.6667	841.074	109.105
2005/03/09	16:30:38	1.7000	860.754	110.145
2005/03/09	16:32:38	1.7333	875.285	111.011
2005/03/09	16:34:38	1.7667	886.439	111.713
2005/03/09	16:36:38	1.8000	895.369	112.278
2005/03/09	16:38:38	1.8333	902.640	112.719
2005/03/09	16:40:38	1.8667	908.678	113.067
2005/03/09	16:42:38	1.9000	913.797	113.328
2005/03/09	16:44:38	1.9333	918.157	113.522

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/09	16:46:38	1.9667	921.996	113.670
2005/03/09	16:48:38	2.0000	925.329	113.781
2005/03/09	16:50:38	2.0333	928.319	113.842
2005/03/09	16:52:38	2.0667	930.961	113.887
2005/03/09	16:54:38	2.1000	933.342	113.913
2005/03/09	16:56:38	2.1333	935.520	113.916
2005/03/09	16:58:38	2.1667	937.506	113.909
2005/03/09	17:00:38	2.2000	939.363	113.893
2005/03/09	17:02:38	2.2333	941.071	113.869
2005/03/09	17:04:38	2.2667	942.664	113.841
2005/03/09	17:06:38	2.3000	944.130	113.803
2005/03/09	17:08:38	2.3333	945.509	113.767
2005/03/09	17:10:38	2.3667	946.818	113.720
2005/03/09	17:12:38	2.4000	948.059	113.677
2005/03/09	17:14:38	2.4333	949.225	113.632
2005/03/09	17:16:38	2.4667	950.340	113.587
2005/03/09	17:18:38	2.5000	951.371	113.536
Intial Buildup				
2005/03/09	17:19:53	2.5208	950.897	113.508
2005/03/09	17:20:38	2.5333	259.379	113.585
Final Flow				
2005/03/09	17:20:53	2.5375	258.134	113.578
2005/03/09	17:22:38	2.5667	266.702	113.508
2005/03/09	17:24:38	2.6000	278.285	113.526
2005/03/09	17:26:38	2.6333	288.922	113.673
2005/03/09	17:28:38	2.6667	299.632	113.905
2005/03/09	17:30:38	2.7000	310.162	114.183
2005/03/09	17:32:38	2.7333	322.325	114.469
2005/03/09	17:34:38	2.7667	334.156	114.757
2005/03/09	17:36:38	2.8000	344.060	115.018
2005/03/09	17:38:38	2.8333	353.006	115.255
2005/03/09	17:40:38	2.8667	361.377	115.470
2005/03/09	17:42:38	2.9000	369.960	115.657
2005/03/09	17:44:38	2.9333	378.413	115.810
2005/03/09	17:46:38	2.9667	386.587	115.939
2005/03/09	17:48:38	3.0000	393.820	116.053
Final Flow				
2005/03/09	17:49:38	3.0167	397.635	116.105
2005/03/09	17:50:38	3.0333	575.174	116.121
2005/03/09	17:52:38	3.0667	700.819	116.202
2005/03/09	17:54:38	3.1000	746.899	116.274
2005/03/09	17:56:38	3.1333	775.134	116.334
2005/03/09	17:58:38	3.1667	794.967	116.371
2005/03/09	18:00:38	3.2000	809.952	116.393
2005/03/09	18:02:38	3.2333	821.895	116.416
2005/03/09	18:04:38	3.2667	831.683	116.431
2005/03/09	18:06:38	3.3000	839.914	116.440
2005/03/09	18:08:38	3.3333	846.926	116.454
2005/03/09	18:10:38	3.3667	853.040	116.465
2005/03/09	18:12:38	3.4000	858.437	116.456

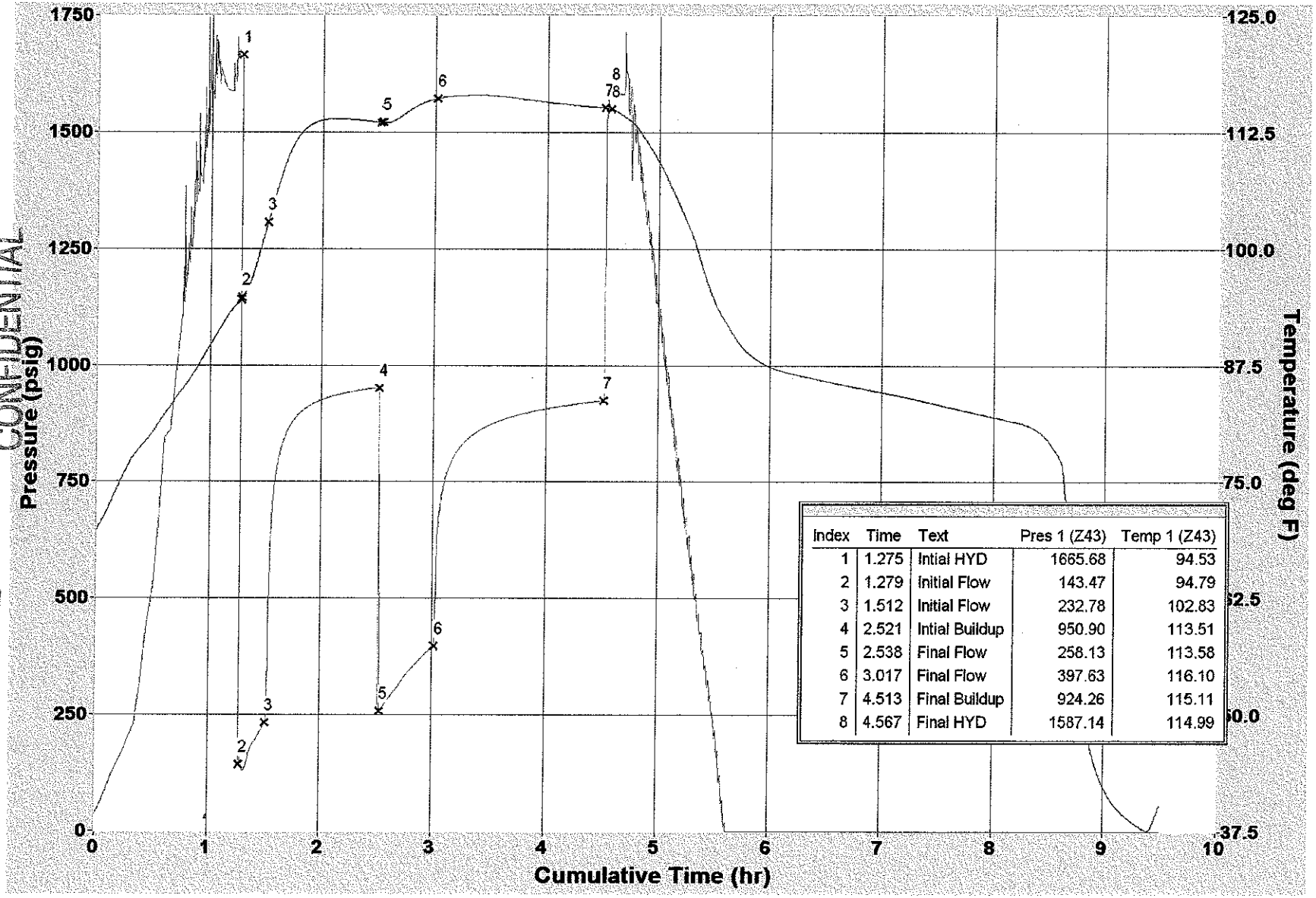
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/09	18:14:38	3.4333	863.314	116.449
2005/03/09	18:16:38	3.4667	867.737	116.436
2005/03/09	18:18:38	3.5000	871.698	116.415
2005/03/09	18:20:38	3.5333	875.225	116.384
2005/03/09	18:22:38	3.5667	878.502	116.357
2005/03/09	18:24:38	3.6000	881.539	116.314
2005/03/09	18:26:38	3.6333	884.359	116.271
2005/03/09	18:28:38	3.6667	887.009	116.220
2005/03/09	18:30:38	3.7000	889.461	116.170
2005/03/09	18:32:38	3.7333	891.794	116.121
2005/03/09	18:34:38	3.7667	893.972	116.071
2005/03/09	18:36:38	3.8000	896.032	116.013
2005/03/09	18:38:38	3.8333	897.996	115.966
2005/03/09	18:40:38	3.8667	899.826	115.914
2005/03/09	18:42:38	3.9000	901.627	115.866
2005/03/09	18:44:38	3.9333	903.284	115.815
2005/03/09	18:46:38	3.9667	904.911	115.770
2005/03/09	18:48:38	4.0000	906.428	115.718
2005/03/09	18:50:38	4.0333	907.912	115.669
2005/03/09	18:52:38	4.0667	909.319	115.624
2005/03/09	18:54:38	4.1000	910.718	115.583
2005/03/09	18:56:38	4.1333	911.980	115.536
2005/03/09	18:58:38	4.1667	913.295	115.491
2005/03/09	19:00:38	4.2000	914.527	115.455
2005/03/09	19:02:38	4.2333	915.723	115.412
2005/03/09	19:04:38	4.2667	916.859	115.372
2005/03/09	19:06:38	4.3000	917.950	115.333
2005/03/09	19:08:38	4.3333	919.010	115.291
2005/03/09	19:10:38	4.3667	920.065	115.259
2005/03/09	19:12:38	4.4000	921.062	115.227
2005/03/09	19:14:38	4.4333	922.048	115.183
2005/03/09	19:16:38	4.4667	922.997	115.155
2005/03/09	19:18:38	4.5000	923.935	115.124
Final Buildup				
2005/03/09	19:19:23	4.5125	924.259	115.111
2005/03/09	19:20:38	4.5333	1561.172	115.043
Final HYD				
2005/03/09	19:22:38	4.5667	1587.137	114.994
2005/03/09	19:24:38	4.6000	1584.169	114.820
2005/03/09	19:26:38	4.6333	1582.020	114.579
2005/03/09	19:28:38	4.6667	1580.832	114.312
2005/03/09	19:30:38	4.7000	1629.782	114.046
2005/03/09	19:32:38	4.7333	1562.995	113.783
2005/03/09	19:34:38	4.7667	1558.644	113.466
2005/03/09	19:36:38	4.8000	1501.031	113.013
2005/03/09	19:38:38	4.8333	1402.792	112.467
2005/03/09	19:40:38	4.8667	1368.538	111.893
2005/03/09	19:42:38	4.9000	1328.925	111.274
2005/03/09	19:44:38	4.9333	1235.745	110.631
2005/03/09	19:46:38	4.9667	1183.062	109.969

zed.i solutions

Company Name	Murfin Drilling Company, Inc.
Well Name	M. Drack 1-12
Type of Test	DST #2 3406 to 3433
Date(s) of Test	3-09-2005

Ricketts Testing

M. Drach 1-12 DST #2



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.275	Intial HYD	1665.68	94.53
2	1.279	Initial Flow	143.47	94.79
3	1.512	Initial Flow	232.78	102.83
4	2.521	Intial Buildup	950.90	113.51
5	2.538	Final Flow	258.13	113.58
6	3.017	Final Flow	397.63	116.10
7	4.513	Final Buildup	924.26	115.11
8	4.567	Final HYD	1587.14	114.99

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Ricketts Testing, Inc.

CONFIDENTIAL

KCC
MAY 25 2005

ORIGINAL

Company MURFIN DRILLING COMPANY, INC. CONFIDENTIAL Lease & Well No. M. DRACH #1-12

Elevation 1884 G.L. Formation KANSAS CITY Ticket No. 2261

Date 3-10-05 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by _____ Ricketts Representative JIMMY RICKETTS

Formation Test No. 3 Interval Tested from 3458 ft. to 3490 ft. Total Depth 3490 ft.

Packer Depth 3458 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3455 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3463 ft. Recorder Number W1023 Cap. 10,000

Bottom Recorder Depth (Outside) 3466 ft. Recorder Number Z43 Cap. 6,000

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

Drilling Contractor BERENTZ DRILLING RIG #5 Drill Collar Length 382 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 46 Weight Pipe Length _____ I.D. _____ in.

Weight 8.9 Water Loss 10.2 cc. Drill Pipe Length 3056 I.D. 3.25 in.

Chlorides 8100 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make _____ Serial Number _____ Anchor Length 32 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: WEAK BLOW BUILDING TO A STRONG BLOW IN 6 MINUTES INITIAL FLOW PERIOD. STRONG BLOW THROUGHOUT FINAL FLOW PERIOD. SLIGHT SURFACE BLOW BACK FINAL SHUT-IN.

Recovered 120 ft. of GAS IN PIPE.

Recovered 185 ft. of OIL CUT MUD. 5% GAS 45% OIL 50% MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 20,000 PPM

Time Set Packer (s) 11:30 AM. Time Started Off Bottom 3:30 PM. Maximum Temperature 108°

Initial Hydrostatic Pressure ..... (A) 1702 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 23 P.S.I. to (C) 40 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 756 P.S.I.

Final Flow Period ..... Minutes 60 (E) 53 P.S.I. to (F) 78 P.S.I.

Final Closed In Period ..... Minutes 90 (G) 964 P.S.I.

Final Hydrostatic Pressure ..... (H) 1616 P.S.I.

Pressure Test Report

COMPANY INFORMATION

Company Name	Murfin Drilling Company, Inc.
Representative	Kris Kennedy
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	D. Drach 1-12
Well Location	12-22S-13W S/2 NE SW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil and Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Berentz Drilling #5
Elevations	
Kelly Bushing (KB)	1895 KB
Casing Flange (CF)	
KB-CF	
Ground Level	1884 GL
Plug Back Total Depth	
Total Depth	3490
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #3 3458 to 3490
Date(s) of Test	3-10-2005
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	3-10-2005
Date / Time on Bottom	3-10-2005 11:30 am
Date / Time off Bottom	3-10-2005 3:30 pm
Probe Serial Number	Z43
Probe Offset from End of Tool String	3463
Run Depth at Probe Pressure Port	

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1791.2 psig
Maximum Recorded Probe Temperature	108.7 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	Mar 10/2005 @ 10:21:22
Program End Time	Mar 10/2005 @ 18:56:37
Total Samples Taken	1897
Usage for this Test	0.0680 Ah
Generic Data File Name	Z43MR10A.GEN

COMMENTS

Reported By Jimmy Ricketts

Weak blow building to strong blow in 6 mnutes intial flow period. Strong blow throughout final flow period. Slight surface blow back final shutin period. Recovery - 120' gas in pipe and 185' cil cut mud(5% gas,45% oil, and 50% mud). DST fluids were 20,000 chlorides.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/10	10:21:22	0.0000	67.580	71.271
2005/03/10	10:24:22	0.0500	132.686	73.366
2005/03/10	10:27:22	0.1000	176.132	75.029
2005/03/10	10:30:22	0.1500	297.755	76.420
2005/03/10	10:33:22	0.2000	322.351	77.617
2005/03/10	10:36:22	0.2500	418.027	78.805
2005/03/10	10:39:22	0.3000	499.105	79.993
2005/03/10	10:42:22	0.3500	635.609	81.145
2005/03/10	10:45:22	0.4000	685.940	82.240
2005/03/10	10:48:22	0.4500	866.464	83.246
2005/03/10	10:51:22	0.5000	852.707	84.200
2005/03/10	10:54:22	0.5500	850.575	85.032
2005/03/10	10:57:22	0.6000	1002.666	85.694
2005/03/10	11:00:22	0.6500	1036.690	86.274
2005/03/10	11:03:22	0.7000	1131.031	86.842
2005/03/10	11:06:22	0.7500	1223.578	87.447
2005/03/10	11:07:52	0.7750	1286.732	87.741
2005/03/10	11:09:22	0.8000	1513.404	88.043
2005/03/10	11:10:52	0.8250	1363.831	88.390
2005/03/10	11:12:22	0.8500	1432.501	88.720
2005/03/10	11:13:52	0.8750	1498.321	89.042
2005/03/10	11:15:22	0.9000	1600.781	89.386
2005/03/10	11:16:52	0.9250	1579.689	89.744
2005/03/10	11:18:22	0.9500	1622.920	90.138
2005/03/10	11:19:52	0.9750	1620.717	90.550
2005/03/10	11:21:22	1.0000	1663.221	90.975
2005/03/10	11:22:52	1.0250	1658.849	91.411
2005/03/10	11:24:22	1.0500	1631.224	91.852
2005/03/10	11:25:52	1.0750	1629.050	92.313
2005/03/10	11:27:22	1.1000	1627.886	92.764
2005/03/10	11:28:52	1.1250	1641.550	93.200
2005/03/10	11:30:22	1.1500	1687.162	93.603
Intial HYD				
2005/03/10	11:30:37	1.1542	1702.904	93.672
2005/03/10	11:31:52	1.1750	1696.442	94.003
2005/03/10	11:33:22	1.2000	24.039	94.627
Initial Flow				
2005/03/10	11:33:37	1.2042	23.971	94.676
2005/03/10	11:34:52	1.2250	25.305	94.944
2005/03/10	11:36:22	1.2500	26.775	95.281
2005/03/10	11:37:52	1.2750	28.026	95.675
2005/03/10	11:39:22	1.3000	29.089	96.103
2005/03/10	11:40:52	1.3250	30.145	96.537
2005/03/10	11:42:22	1.3500	31.138	96.976
2005/03/10	11:43:52	1.3750	32.032	97.387
2005/03/10	11:45:22	1.4000	32.978	97.772
2005/03/10	11:46:52	1.4250	33.898	98.143
2005/03/10	11:48:22	1.4500	34.856	98.472
2005/03/10	11:49:52	1.4750	35.502	98.775
2005/03/10	11:51:22	1.5000	36.224	99.061

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/10	11:52:52	1.5250	37.118	99.327
2005/03/10	11:54:22	1.5500	37.663	99.563
2005/03/10	11:55:52	1.5750	38.292	99.788
2005/03/10	11:57:22	1.6000	38.900	100.000
2005/03/10	11:58:52	1.6250	39.540	100.204
2005/03/10	12:00:22	1.6500	40.581	100.384
Initial Flow				
2005/03/10	12:01:07	1.6625	40.836	100.474
2005/03/10	12:01:52	1.6750	41.224	100.557
2005/03/10	12:03:22	1.7000	49.866	100.729
2005/03/10	12:04:52	1.7250	58.795	100.879
2005/03/10	12:06:22	1.7500	67.918	101.035
2005/03/10	12:07:52	1.7750	77.024	101.172
2005/03/10	12:09:22	1.8000	86.423	101.300
2005/03/10	12:10:52	1.8250	96.014	101.426
2005/03/10	12:12:22	1.8500	105.889	101.538
2005/03/10	12:13:52	1.8750	116.055	101.647
2005/03/10	12:15:22	1.9000	126.644	101.750
2005/03/10	12:16:52	1.9250	137.423	101.838
2005/03/10	12:18:22	1.9500	148.586	101.926
2005/03/10	12:19:52	1.9750	160.237	102.015
2005/03/10	12:21:22	2.0000	172.290	102.087
2005/03/10	12:22:52	2.0250	184.752	102.164
2005/03/10	12:24:22	2.0500	197.597	102.238
2005/03/10	12:25:52	2.0750	210.892	102.306
2005/03/10	12:27:22	2.1000	224.689	102.384
2005/03/10	12:28:52	2.1250	239.207	102.447
2005/03/10	12:30:22	2.1500	254.223	102.511
2005/03/10	12:31:52	2.1750	270.099	102.583
2005/03/10	12:33:22	2.2000	287.011	102.645
2005/03/10	12:34:52	2.2250	304.292	102.713
2005/03/10	12:36:22	2.2500	322.507	102.774
2005/03/10	12:37:52	2.2750	341.836	102.835
2005/03/10	12:39:22	2.3000	362.026	102.888
2005/03/10	12:40:52	2.3250	382.762	102.952
2005/03/10	12:42:22	2.3500	404.674	103.003
2005/03/10	12:43:52	2.3750	427.670	103.064
2005/03/10	12:45:22	2.4000	451.804	103.113
2005/03/10	12:46:52	2.4250	476.664	103.174
2005/03/10	12:48:22	2.4500	502.150	103.226
2005/03/10	12:49:52	2.4750	528.386	103.285
2005/03/10	12:51:22	2.5000	554.837	103.343
2005/03/10	12:52:52	2.5250	581.969	103.401
2005/03/10	12:54:22	2.5500	609.485	103.456
2005/03/10	12:55:52	2.5750	637.301	103.514
2005/03/10	12:57:22	2.6000	664.837	103.572
2005/03/10	12:58:52	2.6250	692.122	103.624
2005/03/10	13:00:22	2.6500	718.795	103.690
2005/03/10	13:01:52	2.6750	744.635	103.748
Intial Buildup				

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/10	13:02:37	2.6875	756.974	103.771
Final Flow				
2005/03/10	13:03:22	2.7000	53.566	103.989
2005/03/10	13:04:52	2.7250	57.000	104.020
2005/03/10	13:06:22	2.7500	59.348	104.049
2005/03/10	13:07:52	2.7750	60.001	104.088
2005/03/10	13:09:22	2.8000	60.483	104.131
2005/03/10	13:10:52	2.8250	60.814	104.185
2005/03/10	13:12:22	2.8500	61.494	104.238
2005/03/10	13:13:52	2.8750	62.249	104.288
2005/03/10	13:15:22	2.9000	62.931	104.353
2005/03/10	13:16:52	2.9250	63.462	104.412
2005/03/10	13:18:22	2.9500	64.012	104.477
2005/03/10	13:19:52	2.9750	64.577	104.536
2005/03/10	13:21:22	3.0000	65.188	104.603
2005/03/10	13:22:52	3.0250	65.817	104.661
2005/03/10	13:24:22	3.0500	66.484	104.720
2005/03/10	13:25:52	3.0750	67.011	104.787
2005/03/10	13:27:22	3.1000	67.789	104.848
2005/03/10	13:28:52	3.1250	68.521	104.902
2005/03/10	13:30:22	3.1500	69.100	104.961
2005/03/10	13:31:52	3.1750	69.731	105.021
2005/03/10	13:33:22	3.2000	70.295	105.078
2005/03/10	13:34:52	3.2250	71.017	105.125
2005/03/10	13:36:22	3.2500	71.470	105.177
2005/03/10	13:37:52	3.2750	72.022	105.231
2005/03/10	13:39:22	3.3000	72.370	105.280
2005/03/10	13:40:52	3.3250	72.795	105.327
2005/03/10	13:42:22	3.3500	73.078	105.372
2005/03/10	13:43:52	3.3750	73.257	105.426
2005/03/10	13:45:22	3.4000	73.728	105.465
2005/03/10	13:46:52	3.4250	74.090	105.512
2005/03/10	13:48:22	3.4500	74.286	105.557
2005/03/10	13:49:52	3.4750	74.707	105.600
2005/03/10	13:51:22	3.5000	75.138	105.640
2005/03/10	13:52:52	3.5250	75.365	105.687
2005/03/10	13:54:22	3.5500	75.803	105.728
2005/03/10	13:55:52	3.5750	76.257	105.778
2005/03/10	13:57:22	3.6000	76.490	105.827
2005/03/10	13:58:52	3.6250	76.923	105.876
2005/03/10	14:00:22	3.6500	77.364	105.926
2005/03/10	14:01:52	3.6750	77.458	105.975
Final Flow				
2005/03/10	14:02:22	3.6833	78.560	105.993
2005/03/10	14:03:22	3.7000	84.052	106.021
2005/03/10	14:04:52	3.7250	92.013	106.068
2005/03/10	14:06:22	3.7500	100.061	106.120
2005/03/10	14:07:52	3.7750	108.143	106.164
2005/03/10	14:09:22	3.8000	116.647	106.216
2005/03/10	14:10:52	3.8250	125.402	106.257

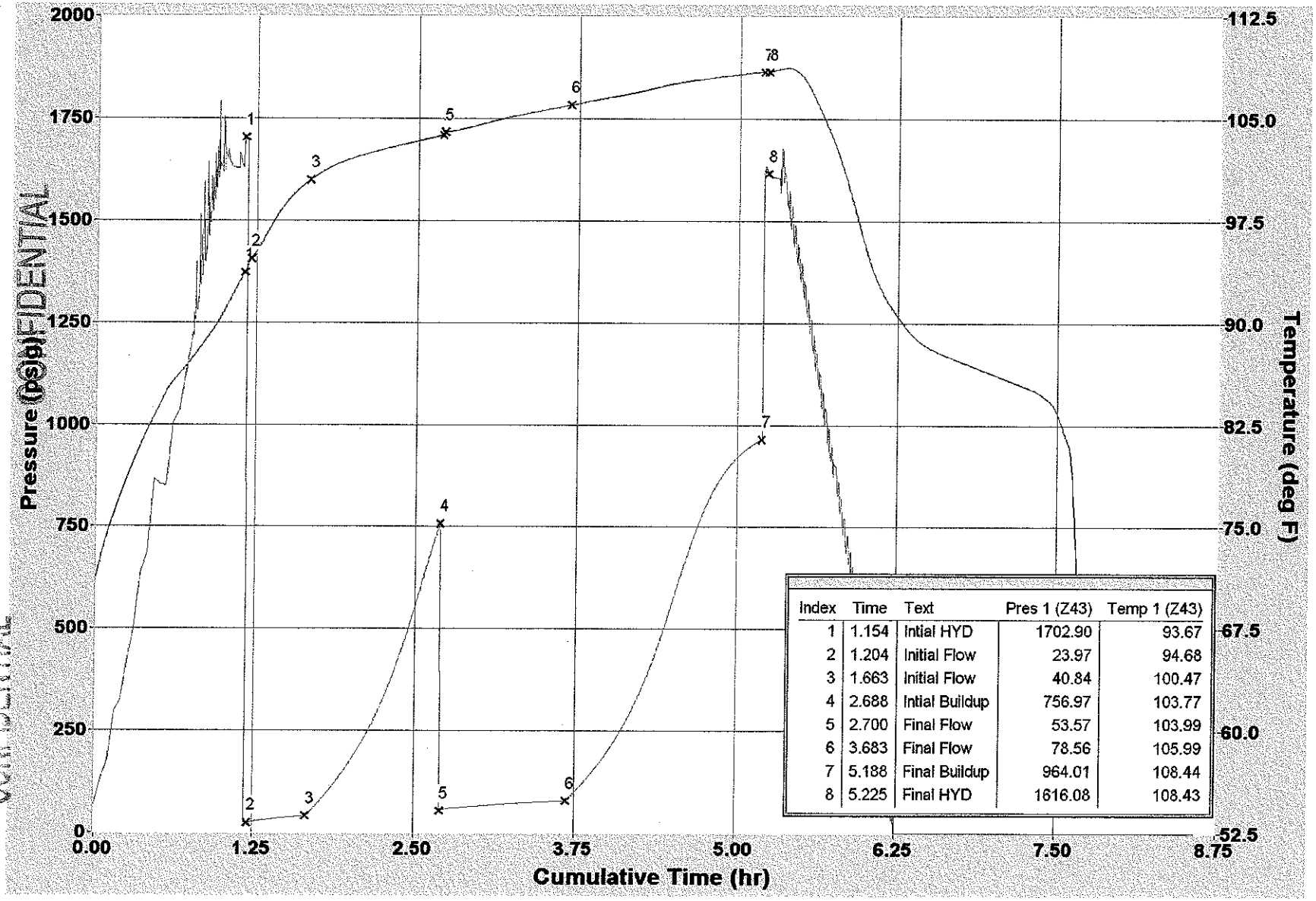
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/10	14:12:22	3.8500	134.447	106.304
2005/03/10	14:13:52	3.8750	143.801	106.351
2005/03/10	14:15:22	3.9000	153.480	106.396
2005/03/10	14:16:52	3.9250	163.711	106.443
2005/03/10	14:18:22	3.9500	174.088	106.491
2005/03/10	14:19:52	3.9750	184.822	106.534
2005/03/10	14:21:22	4.0000	195.971	106.574
2005/03/10	14:22:52	4.0250	207.514	106.619
2005/03/10	14:24:22	4.0500	219.626	106.657
2005/03/10	14:25:52	4.0750	232.298	106.704
2005/03/10	14:27:22	4.1000	245.572	106.743
2005/03/10	14:28:52	4.1250	259.552	106.792
2005/03/10	14:30:22	4.1500	274.088	106.844
2005/03/10	14:31:52	4.1750	289.343	106.889
2005/03/10	14:33:22	4.2000	305.135	106.941
2005/03/10	14:34:52	4.2250	321.918	106.990
2005/03/10	14:36:22	4.2500	339.448	107.042
2005/03/10	14:37:52	4.2750	357.703	107.098
2005/03/10	14:39:22	4.3000	376.830	107.157
2005/03/10	14:40:52	4.3250	396.962	107.215
2005/03/10	14:42:22	4.3500	418.036	107.269
2005/03/10	14:43:52	4.3750	439.923	107.328
2005/03/10	14:45:22	4.4000	462.722	107.382
2005/03/10	14:46:52	4.4250	486.201	107.438
2005/03/10	14:48:22	4.4500	510.632	107.492
2005/03/10	14:49:52	4.4750	535.679	107.539
2005/03/10	14:51:22	4.5000	561.235	107.587
2005/03/10	14:52:52	4.5250	587.035	107.632
2005/03/10	14:54:22	4.5500	612.906	107.672
2005/03/10	14:55:52	4.5750	638.638	107.710
2005/03/10	14:57:22	4.6000	663.398	107.751
2005/03/10	14:58:52	4.6250	687.446	107.789
2005/03/10	15:00:22	4.6500	710.828	107.829
2005/03/10	15:01:52	4.6750	733.274	107.854
2005/03/10	15:03:22	4.7000	754.765	107.888
2005/03/10	15:04:52	4.7250	774.659	107.920
2005/03/10	15:06:22	4.7500	793.315	107.956
2005/03/10	15:07:52	4.7750	810.817	107.989
2005/03/10	15:09:22	4.8000	827.133	108.025
2005/03/10	15:10:52	4.8250	842.375	108.048
2005/03/10	15:12:22	4.8500	856.387	108.081
2005/03/10	15:13:52	4.8750	869.420	108.113
2005/03/10	15:15:22	4.9000	881.374	108.136
2005/03/10	15:16:52	4.9250	892.328	108.169
2005/03/10	15:18:22	4.9500	902.365	108.199
2005/03/10	15:19:52	4.9750	911.492	108.219
2005/03/10	15:21:22	5.0000	919.888	108.246
2005/03/10	15:22:52	5.0250	927.575	108.279
2005/03/10	15:24:22	5.0500	934.586	108.300
2005/03/10	15:25:52	5.0750	940.986	108.324

zed.i solutions

Company Name	Murfin Drilling Company, Inc.
Well Name	D. Drach 1-12
Type of Test	DST #3 3458 to 3490
Date(s) of Test	3-10-2005

Ricketts Testing

M. Drach 1-12 DST #3



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.154	Intial HYD	1702.90	93.67
2	1.204	Initial Flow	23.97	94.68
3	1.663	Initial Flow	40.84	100.47
4	2.688	Intial Buildup	756.97	103.77
5	2.700	Final Flow	53.57	103.99
6	3.683	Final Flow	78.56	105.99
7	5.188	Final Buildup	964.01	108.44
8	5.225	Final HYD	1616.08	108.43

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Ricketts Testing, Inc.

CONFIDENTIAL

KCC
MAY 25 2005
CONFIDENTIAL

ORIGINAL

Company MURFIN DRILLING COMPANY, INC. Lease & Well No. M. DRACH #1-12

Elevation 1884 G.L. Formation KANSAS CITY Ticket No. 2262

Date 3-11-05 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by _____ Ricketts Representative JIMMY RICKETTS

Formation Test No. 4 Interval Tested from 3510 ft. to 3550 ft. Total Depth 3550 ft.

Packer Depth 3510 ft .Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3507 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3415 ft. Recorder Number W1023 Cap. 10,000

Bottom Recorder Depth (Outside) 3418 ft. Recorder Number Z43 Cap. 6,000

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

Drilling Contractor BERENTZ DRILLING RIG #5 Drill Collar Length 382 I.D. 2.25 in.

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

Weight 9.0 Water Loss 14.2 cc. Drill Pipe Length 3108 I.D. 3.25 in.

Chlorides 10,000 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make _____ Serial Number _____ Anchor Length 40 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 23° Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: STRONG BLOW THROUGHOUT INITIAL FLOW PERIOD. SURFACE BLOW BACK BUILDING TO STRONG BLOW IN 20 MIN. INITIAL SHUT-IN. STRONG BLOW THROUGHOUT FINAL FLOW PERIOD. STRONG BLOW BACK FINAL SHUT-IN.

Recovered _____ ft. of GAS TO SURFACE IN 40 MINUTES FINAL SHUT-IN

Recovered 220 ft. of OIL.

Recovered 380 ft. of MUDDY OIL. 20% GAS 40% OIL 40% MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 20,000 PPM

Time Set Packer (s) 7:08 A.M. Time Started Off Bottom 11:08 A M. Maximum Temperature 111°

Initial Hydrostatic Pressure	(A)	1765	P.S.I.	
Initial Flow Period Minutes 30	(B)	41	P.S.I.	to
	(C)	117	P.S.I.	
Initial Closed In Period Minutes 60	(D)	941	P.S.I.	
Final Flow Period Minutes 60	(E)	122	P.S.I.	to
	(F)	154	P.S.I.	
Final Closed In Period Minutes 90	(G)	946	P.S.I.	
Final Hydrostatic Pressure	(H)	1653	P.S.I.	

Pressure Test Report

COMPANY INFORMATION

Company Name	Murfin Drilling Company, Inc.
Representative	Kris Kennedy
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M. Drach 1-12
Well Location	12-22S-13W S/2 NE SW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil and Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Berentz Drilling #5
Elevations	
Kelly Bushing (KB)	1895 GL
Casing Flange (CF)	
KB-CF	
Ground Level	1884 GL
Plug Back Total Depth	
Total Depth	3550
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #4 3510 to 3550
Date(s) of Test	3-11-2005
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	3-11-2005
Date / Time on Bottom	3-11-2005 7:08 am
Date / Time off Bottom	3-11-2005 11:08 am
Probe Serial Number	Z43
Probe Offset from End of Tool String	3510
Run Depth at Probe Pressure Port	

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1911.1 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	Mar 11/2005 @ 05:36:44
Program End Time	Mar 11/2005 @ 14:30:14
Total Samples Taken	1970
Usage for this Test	0.0710 Ah
Generic Data File Name	Z43MR11A.GEN

COMMENTS

Reported By Jimmy Ricketts

Strong blow through out intial flow period. Surface blow back building to strong blow in 20 minutes intial shut in. Strong blow through out final flow period. Strong blow back final shut in. Gas to surface in 40 minutes durning final shut in. Recovery - 220' oil, 380' muddy oil - 20% gas, 40% oil, and 40% mud. Gravity was 23 api. DST fluids were 20,000 chlorides.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/11	05:36:44	0.0000	24.181	59.698
2005/03/11	05:39:44	0.0500	36.617	60.611
2005/03/11	05:42:44	0.1000	64.367	62.103
2005/03/11	05:45:44	0.1500	90.317	64.184
2005/03/11	05:48:44	0.2000	92.545	66.522
2005/03/11	05:51:44	0.2500	91.480	68.749
2005/03/11	05:54:44	0.3000	121.738	70.516
2005/03/11	05:57:44	0.3500	150.747	72.311
2005/03/11	06:00:44	0.4000	149.468	74.025
2005/03/11	06:03:44	0.4500	177.316	75.416
2005/03/11	06:06:44	0.5000	208.792	76.613
2005/03/11	06:09:44	0.5500	230.281	77.621
2005/03/11	06:12:44	0.6000	299.124	78.465
2005/03/11	06:15:44	0.6500	371.042	79.219
2005/03/11	06:18:44	0.7000	420.797	80.042
2005/03/11	06:21:44	0.7500	482.736	80.946
2005/03/11	06:22:44	0.7667	509.253	81.235
2005/03/11	06:24:44	0.8000	572.400	81.837
2005/03/11	06:26:44	0.8333	604.138	82.440
2005/03/11	06:28:44	0.8667	656.509	83.023
2005/03/11	06:30:44	0.9000	722.908	83.581
2005/03/11	06:32:44	0.9333	775.402	84.097
2005/03/11	06:34:44	0.9667	856.838	84.601
2005/03/11	06:36:44	1.0000	829.297	85.149
2005/03/11	06:38:44	1.0333	1013.433	85.615
2005/03/11	06:40:44	1.0667	936.867	86.047
2005/03/11	06:42:44	1.1000	985.736	86.457
2005/03/11	06:44:44	1.1333	1040.543	86.896
2005/03/11	06:46:44	1.1667	1141.034	87.339
2005/03/11	06:48:44	1.2000	1210.449	87.834
2005/03/11	06:50:44	1.2333	1508.289	88.326
2005/03/11	06:52:44	1.2667	1646.971	88.808
2005/03/11	06:54:44	1.3000	1463.844	89.393
2005/03/11	06:56:44	1.3333	1507.375	90.041
2005/03/11	06:58:44	1.3667	1544.640	90.838
2005/03/11	07:00:44	1.4000	1656.450	91.692
2005/03/11	07:02:44	1.4333	1708.407	92.568
2005/03/11	07:04:44	1.4667	1718.077	93.472
2005/03/11	07:06:44	1.5000	1700.695	94.401
2005/03/11	07:08:44	1.5333	1696.945	95.229
Intial HYD				
2005/03/11	07:10:14	1.5583	1765.737	95.778
2005/03/11	07:10:44	1.5667	1757.011	95.959
Initial Flow				
2005/03/11	07:11:59	1.5875	41.265	96.692
2005/03/11	07:12:44	1.6000	42.754	96.975
2005/03/11	07:14:44	1.6333	55.031	97.839
2005/03/11	07:16:44	1.6667	65.612	98.744
2005/03/11	07:18:44	1.7000	74.420	99.586
2005/03/11	07:20:44	1.7333	79.405	100.330

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/11	07:22:44	1.7667	86.096	100.983
2005/03/11	07:24:44	1.8000	91.918	101.527
2005/03/11	07:26:44	1.8333	95.391	101.980
2005/03/11	07:28:44	1.8667	97.670	102.348
2005/03/11	07:30:44	1.9000	99.222	102.650
2005/03/11	07:32:44	1.9333	101.607	102.897
2005/03/11	07:34:44	1.9667	104.446	103.102
2005/03/11	07:36:44	2.0000	107.872	103.275
2005/03/11	07:38:44	2.0333	111.235	103.433
2005/03/11	07:40:44	2.0667	112.896	103.593
Initial Flow				
2005/03/11	07:42:29	2.0958	117.510	103.726
2005/03/11	07:42:44	2.1000	121.283	103.743
2005/03/11	07:44:44	2.1333	150.782	103.874
2005/03/11	07:46:44	2.1667	181.085	104.000
2005/03/11	07:48:44	2.2000	212.410	104.157
2005/03/11	07:50:44	2.2333	245.682	104.306
2005/03/11	07:52:44	2.2667	281.641	104.464
2005/03/11	07:54:44	2.3000	320.046	104.619
2005/03/11	07:56:44	2.3333	361.494	104.781
2005/03/11	07:58:44	2.3667	407.032	104.922
2005/03/11	08:00:44	2.4000	457.868	105.057
2005/03/11	08:02:44	2.4333	514.968	105.181
2005/03/11	08:04:44	2.4667	570.749	105.296
2005/03/11	08:06:44	2.5000	621.316	105.397
2005/03/11	08:08:44	2.5333	665.815	105.503
2005/03/11	08:10:44	2.5667	704.442	105.600
2005/03/11	08:12:44	2.6000	737.602	105.697
2005/03/11	08:14:44	2.6333	766.762	105.780
2005/03/11	08:16:44	2.6667	792.124	105.868
2005/03/11	08:18:44	2.7000	814.249	105.948
2005/03/11	08:20:44	2.7333	833.626	106.021
2005/03/11	08:22:44	2.7667	850.780	106.092
2005/03/11	08:24:44	2.8000	866.229	106.162
2005/03/11	08:26:44	2.8333	879.847	106.223
2005/03/11	08:28:44	2.8667	892.047	106.284
2005/03/11	08:30:44	2.9000	902.940	106.345
2005/03/11	08:32:44	2.9333	912.773	106.401
2005/03/11	08:34:44	2.9667	921.678	106.455
2005/03/11	08:36:44	3.0000	929.718	106.509
2005/03/11	08:38:44	3.0333	937.020	106.561
Intial buildup				
2005/03/11	08:39:59	3.0542	941.229	106.596
2005/03/11	08:40:44	3.0667	152.224	106.768
Final Flow				
2005/03/11	08:41:59	3.0875	122.252	106.795
2005/03/11	08:42:44	3.1000	122.210	106.799
2005/03/11	08:44:44	3.1333	131.608	106.806
2005/03/11	08:46:44	3.1667	134.599	106.822
2005/03/11	08:48:44	3.2000	138.846	106.849

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/11	08:50:44	3.2333	140.943	106.875
2005/03/11	08:52:44	3.2667	142.501	106.920
2005/03/11	08:54:44	3.3000	142.737	106.963
2005/03/11	08:56:44	3.3333	142.938	107.011
2005/03/11	08:58:44	3.3667	143.668	107.065
2005/03/11	09:00:44	3.4000	142.517	107.127
2005/03/11	09:02:44	3.4333	141.434	107.195
2005/03/11	09:04:44	3.4667	143.158	107.269
2005/03/11	09:06:44	3.5000	144.383	107.339
2005/03/11	09:08:44	3.5333	145.489	107.429
2005/03/11	09:10:44	3.5667	146.382	107.521
2005/03/11	09:12:44	3.6000	147.219	107.623
2005/03/11	09:14:44	3.6333	147.874	107.735
2005/03/11	09:16:44	3.6667	148.831	107.843
2005/03/11	09:18:44	3.7000	149.405	107.951
2005/03/11	09:20:44	3.7333	150.238	108.059
2005/03/11	09:22:44	3.7667	150.981	108.172
2005/03/11	09:24:44	3.8000	152.048	108.284
2005/03/11	09:26:44	3.8333	152.384	108.387
2005/03/11	09:28:44	3.8667	152.655	108.487
2005/03/11	09:30:44	3.9000	152.581	108.599
2005/03/11	09:32:44	3.9333	152.848	108.703
2005/03/11	09:34:44	3.9667	152.775	108.804
2005/03/11	09:36:44	4.0000	153.239	108.898
2005/03/11	09:38:44	4.0333	153.928	108.990
Final Flow				
2005/03/11	09:39:44	4.0500	154.421	109.035
2005/03/11	09:40:44	4.0667	159.609	109.074
2005/03/11	09:42:44	4.1000	185.533	109.159
2005/03/11	09:44:44	4.1333	211.087	109.234
2005/03/11	09:46:44	4.1667	236.989	109.317
2005/03/11	09:48:44	4.2000	263.590	109.411
2005/03/11	09:50:44	4.2333	291.224	109.506
2005/03/11	09:52:44	4.2667	319.860	109.594
2005/03/11	09:54:44	4.3000	350.081	109.683
2005/03/11	09:56:44	4.3333	382.624	109.758
2005/03/11	09:58:44	4.3667	419.988	109.825
2005/03/11	10:00:44	4.4000	462.949	109.891
2005/03/11	10:02:44	4.4333	508.695	109.951
2005/03/11	10:04:44	4.4667	553.643	110.014
2005/03/11	10:06:44	4.5000	593.904	110.071
2005/03/11	10:08:44	4.5333	628.943	110.134
2005/03/11	10:10:44	4.5667	659.216	110.188
2005/03/11	10:12:44	4.6000	685.928	110.251
2005/03/11	10:14:44	4.6333	709.551	110.307
2005/03/11	10:16:44	4.6667	730.641	110.361
2005/03/11	10:18:44	4.7000	749.815	110.406
2005/03/11	10:20:44	4.7333	766.950	110.458
2005/03/11	10:22:44	4.7667	782.536	110.505
2005/03/11	10:24:44	4.8000	796.722	110.547

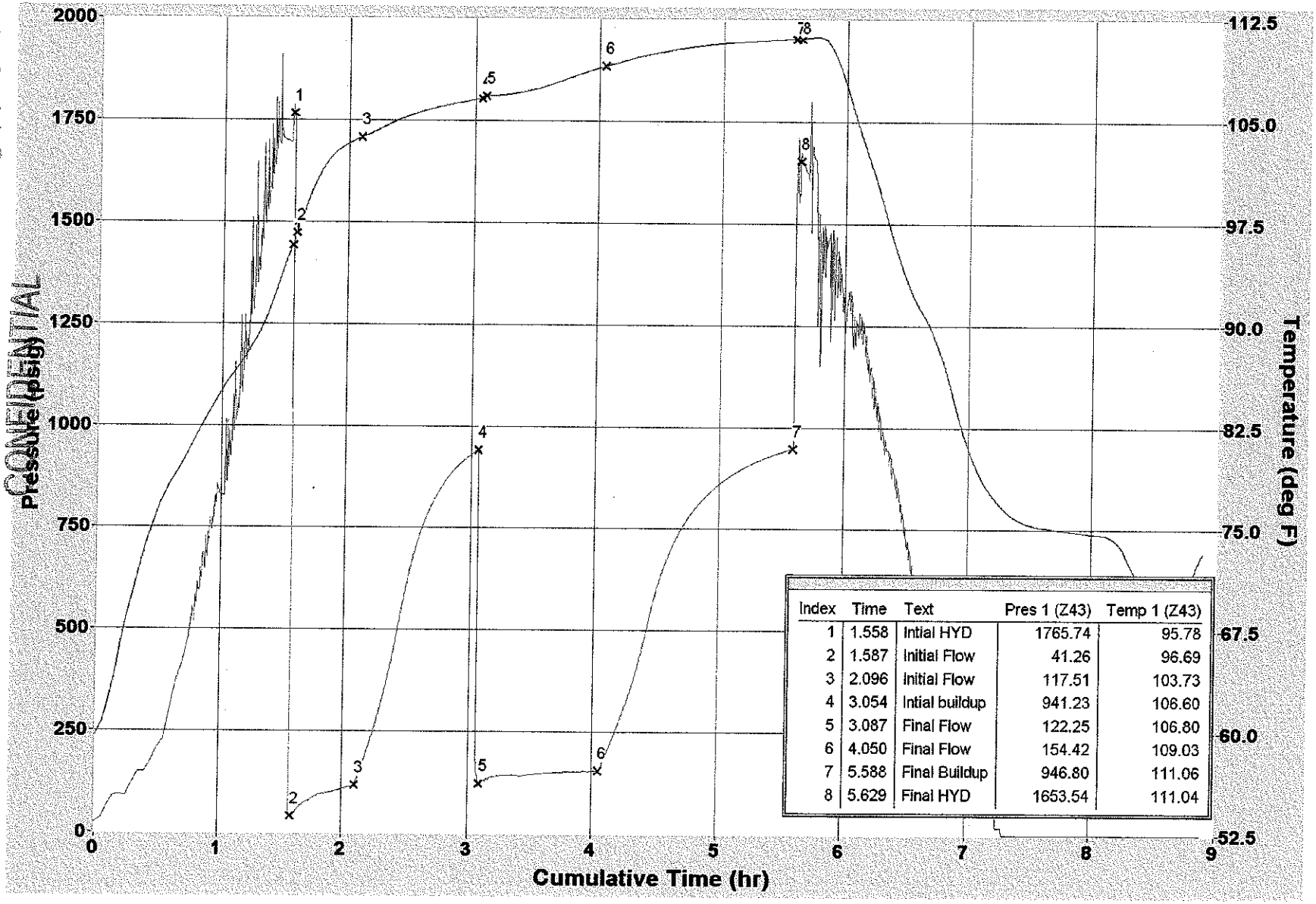
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/11	10:26:44	4.8333	809.595	110.588
2005/03/11	10:28:44	4.8667	821.336	110.620
2005/03/11	10:30:44	4.9000	832.172	110.655
2005/03/11	10:32:44	4.9333	842.206	110.692
2005/03/11	10:34:44	4.9667	851.446	110.721
2005/03/11	10:36:44	5.0000	860.137	110.754
2005/03/11	10:38:44	5.0333	868.150	110.781
2005/03/11	10:40:44	5.0667	875.575	110.802
2005/03/11	10:42:44	5.1000	882.482	110.824
2005/03/11	10:44:44	5.1333	888.936	110.845
2005/03/11	10:46:44	5.1667	894.984	110.872
2005/03/11	10:48:44	5.2000	900.649	110.890
2005/03/11	10:50:44	5.2333	905.934	110.907
2005/03/11	10:52:44	5.2667	910.959	110.921
2005/03/11	10:54:44	5.3000	915.641	110.944
2005/03/11	10:56:44	5.3333	920.082	110.961
2005/03/11	10:58:44	5.3667	924.247	110.971
2005/03/11	11:00:44	5.4000	928.207	110.982
2005/03/11	11:02:44	5.4333	931.938	111.002
2005/03/11	11:04:44	5.4667	935.455	111.016
2005/03/11	11:06:44	5.5000	938.820	111.029
2005/03/11	11:08:44	5.5333	941.989	111.040
2005/03/11	11:10:44	5.5667	944.961	111.051
Final Buildup				
2005/03/11	11:11:59	5.5875	946.801	111.061
2005/03/11	11:12:44	5.6000	1557.607	111.024
Final HYD				
2005/03/11	11:14:29	5.6292	1653.544	111.040
2005/03/11	11:14:44	5.6333	1674.044	111.043
2005/03/11	11:16:44	5.6667	1634.811	111.115
2005/03/11	11:18:44	5.7000	1646.305	111.171
2005/03/11	11:20:44	5.7333	1673.450	111.200
2005/03/11	11:22:44	5.7667	1595.175	111.200
2005/03/11	11:24:44	5.8000	1150.395	111.175
2005/03/11	11:26:44	5.8333	1479.600	110.975
2005/03/11	11:28:44	5.8667	1464.148	110.556
2005/03/11	11:30:44	5.9000	1468.017	109.972
2005/03/11	11:32:44	5.9333	1320.813	109.287
2005/03/11	11:34:44	5.9667	1366.799	108.469
2005/03/11	11:36:44	6.0000	1242.209	107.560
2005/03/11	11:38:44	6.0333	1335.612	106.502
2005/03/11	11:40:44	6.0667	1195.210	105.499
2005/03/11	11:42:44	6.1000	1257.436	104.563
2005/03/11	11:44:44	6.1333	1274.450	103.653
2005/03/11	11:46:44	6.1667	1175.523	102.790
2005/03/11	11:48:44	6.2000	1113.958	101.905
2005/03/11	11:50:44	6.2333	1109.731	100.985
2005/03/11	11:52:44	6.2667	1061.588	99.986
2005/03/11	11:54:44	6.3000	970.526	98.915
2005/03/11	11:56:44	6.3333	961.640	97.826

zed.i solutions

Company Name	Murfin Drilling Company, Inc.
Well Name	M. Drach 1-12
Type of Test	DST #4 3510 to 3550
Date(s) of Test	3-11-2005

Ricketts Testing

DST #4 M. Drach 1-12



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.558	Intial HYD	1765.74	95.78
2	1.587	Initial Flow	41.26	96.69
3	2.096	Initial Flow	117.51	103.73
4	3.054	Intial buildup	941.23	106.60
5	3.087	Final Flow	122.25	106.80
6	4.050	Final Flow	154.42	109.03
7	5.588	Final Buildup	946.80	111.06
8	5.629	Final HYD	1653.54	111.04

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Ricketts Testing, Inc.

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MAY 25 2005

ORIGINAL

CONFIDENTIAL

Company MURFIN DRILLING COMPANY, INC. Lease & Well No. M. DRACH #1-12

Elevation 1884 G.L. Formation ARBUCKLE Ticket No. 2263

Date 3-12-05 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by _____ Ricketts Representative JIMMY RICKETTS

Formation Test No. 5 Interval Tested from 3636 ft. to 3700 ft. Total Depth 3700 ft.

Packer Depth 3636 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3633 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3641 ft. Recorder Number W1023 Cap. 10,000

Bottom Recorder Depth (Outside) 3644 ft. Recorder Number Z43 Cap. 6,000

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

Drilling Contractor BERENTZ DRILLING RIG #5 Drill Collar Length 382 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 59 Weight Pipe Length _____ I.D. _____ in.

Weight 9.0 Water Loss 10.2 cc. Drill Pipe Length 3234 I.D. 3.25 in.

Chlorides 12,000 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 YES Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Gravity Oil 30° Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: WEAK BLOW BUILDING TO A STRONG BLOW IN 2 MINUTES INITIAL FLOW PERIOD. BLOW BACK INITIAL SHU
IN BUILDING TO STRONG BLOW IN 8 MINUTES. STRONG BLOW THROUGHOUT FINAL FLOW PERIOD. GAS TO SURFACE

Recovered _____ ft. of IN 27 MINUTES FINAL FLOW PERIOD, TOO SMALL FLOW TO MEASURE.

Recovered 1680 ft. of GASSY OIL.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 11:20 A.M. Time Started Off Bottom 2:50 P.M. Maximum Temperature 118°

Initial Hydrostatic Pressure	(A)	1724	P.S.I.	
Initial Flow Period Minutes 30	(B)	310	P.S.I.	to
	(C)	451	P.S.I.	
Initial Closed In Period Minutes 60	(D)	1190	P.S.I.	
Final Flow Period Minutes 30	(E)	446	P.S.I.	to
	(F)	632	P.S.I.	
Final Closed In Period Minutes 90	(G)	1193	P.S.I.	
Final Hydrostatic Pressure	(H)	1716	P.S.I.	

Pressure Test Report

COMPANY INFORMATION

Company Name	Murfin Drilling Company, Inc.
Representative	Jeff Zoller
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M. Drach 1-12
Well Location	12-22S-13W S/2 NE SW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil and Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Berentz Drilling #5
Elevations	
Kelly Bushing (KB)	1895 KB
Casing Flange (CF)	
KB-CF	
Ground Level	1884 GL
Plug Back Total Depth	
Total Depth	3700
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #5 3636 to 3700
Date(s) of Test	3-12-2005
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	3-12-2005
Date / Time on Bottom	3-12-2005 11:20 am
Date / Time off Bottom	3-12-2005 2:50 pm
Probe Serial Number	Z43
Probe Offset from End of Tool String	3641
Run Depth at Probe Pressure Port	

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1839.9 psig
Maximum Recorded Probe Temperature	119.4 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	Mar 12/2005 @ 10:09:43
Program End Time	Mar 12/2005 @ 20:13:43
Total Samples Taken	2252
Usage for this Test	0.0820 Ah
Generic Data File Name	Z43MR12D.GEN

COMMENTS

Reported By Jimmy Ricketts

Weak blow building to strong blow in 2 minutes intial flow period. Blow back during intial shut in building to strong blow in 8 minutes. Strong blow throughout final flow period. Gas to surface in 27 minutes final flow period. To small flow to measure. Recovery - 1680' gassy oil.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/12	12:07:43	1.9667	1123.342	115.626
2005/03/12	12:09:43	2.0000	1131.817	115.840
2005/03/12	12:11:43	2.0333	1139.071	116.015
2005/03/12	12:13:43	2.0667	1145.310	116.155
2005/03/12	12:15:43	2.1000	1150.777	116.263
2005/03/12	12:17:43	2.1333	1155.442	116.346
2005/03/12	12:19:43	2.1667	1159.643	116.413
2005/03/12	12:21:43	2.2000	1163.419	116.460
2005/03/12	12:23:43	2.2333	1166.783	116.497
2005/03/12	12:25:43	2.2667	1169.760	116.526
2005/03/12	12:27:43	2.3000	1172.446	116.553
2005/03/12	12:29:43	2.3333	1174.813	116.557
2005/03/12	12:31:43	2.3667	1177.020	116.564
2005/03/12	12:33:43	2.4000	1179.012	116.571
2005/03/12	12:35:43	2.4333	1180.786	116.564
2005/03/12	12:37:43	2.4667	1182.487	116.560
2005/03/12	12:39:43	2.5000	1183.959	116.546
2005/03/12	12:41:43	2.5333	1185.377	116.533
2005/03/12	12:43:43	2.5667	1186.641	116.519
2005/03/12	12:45:43	2.6000	1187.781	116.503
2005/03/12	12:47:43	2.6333	1188.879	116.483
2005/03/12	12:49:43	2.6667	1189.833	116.461
Intial buildup				
2005/03/12	12:51:43	2.7000	1190.714	116.438
Final Flow				
2005/03/12	12:52:13	2.7083	446.768	116.506
2005/03/12	12:53:43	2.7333	452.292	116.463
2005/03/12	12:55:43	2.7667	465.763	116.373
2005/03/12	12:57:43	2.8000	479.689	116.312
2005/03/12	12:59:43	2.8333	494.999	116.323
2005/03/12	13:01:43	2.8667	508.961	116.409
2005/03/12	13:03:43	2.9000	526.343	116.548
2005/03/12	13:05:43	2.9333	538.721	116.739
2005/03/12	13:07:43	2.9667	550.956	116.935
2005/03/12	13:09:43	3.0000	562.631	117.142
2005/03/12	13:11:43	3.0333	574.028	117.354
2005/03/12	13:13:43	3.0667	585.325	117.563
2005/03/12	13:15:43	3.1000	596.627	117.765
2005/03/12	13:17:43	3.1333	607.443	117.968
2005/03/12	13:19:43	3.1667	617.698	118.155
2005/03/12	13:21:43	3.2000	627.135	118.328
Final Flow				
2005/03/12	13:23:43	3.2333	632.958	118.490
2005/03/12	13:25:43	3.2667	1037.743	118.614
2005/03/12	13:27:43	3.3000	1065.029	118.774
2005/03/12	13:29:43	3.3333	1083.496	118.926
2005/03/12	13:31:43	3.3667	1097.631	119.043
2005/03/12	13:33:43	3.4000	1109.206	119.140
2005/03/12	13:35:43	3.4333	1118.664	119.221
2005/03/12	13:37:43	3.4667	1126.660	119.275

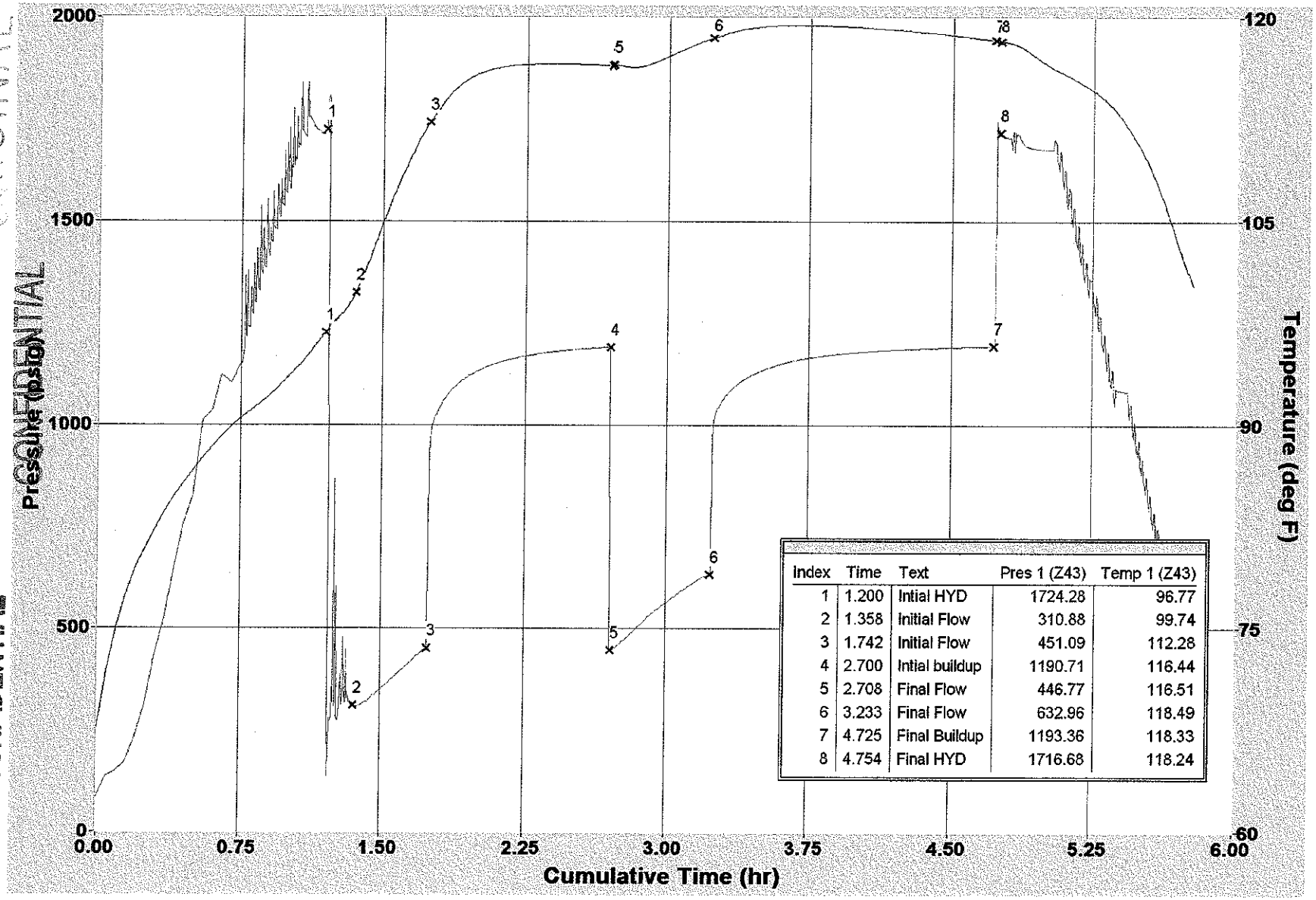
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/12	13:39:43	3.5000	1133.583	119.322
2005/03/12	13:41:43	3.5333	1139.549	119.359
2005/03/12	13:43:43	3.5667	1144.714	119.385
2005/03/12	13:45:43	3.6000	1149.292	119.399
2005/03/12	13:47:43	3.6333	1153.381	119.413
2005/03/12	13:49:43	3.6667	1156.986	119.421
2005/03/12	13:51:43	3.7000	1160.203	119.422
2005/03/12	13:53:43	3.7333	1163.063	119.421
2005/03/12	13:55:43	3.7667	1165.659	119.415
2005/03/12	13:57:43	3.8000	1168.036	119.406
2005/03/12	13:59:43	3.8333	1170.175	119.390
2005/03/12	14:01:43	3.8667	1172.124	119.381
2005/03/12	14:03:43	3.9000	1173.907	119.363
2005/03/12	14:05:43	3.9333	1175.488	119.340
2005/03/12	14:07:43	3.9667	1177.028	119.320
2005/03/12	14:09:43	4.0000	1178.380	119.291
2005/03/12	14:11:43	4.0333	1179.603	119.260
2005/03/12	14:13:43	4.0667	1180.763	119.228
2005/03/12	14:15:43	4.1000	1181.859	119.199
2005/03/12	14:17:43	4.1333	1182.876	119.169
2005/03/12	14:19:43	4.1667	1183.820	119.129
2005/03/12	14:21:43	4.2000	1184.654	119.091
2005/03/12	14:23:43	4.2333	1185.472	119.057
2005/03/12	14:25:43	4.2667	1186.248	119.023
2005/03/12	14:27:43	4.3000	1186.979	118.983
2005/03/12	14:29:43	4.3333	1187.625	118.940
2005/03/12	14:31:43	4.3667	1188.304	118.899
2005/03/12	14:33:43	4.4000	1188.836	118.861
2005/03/12	14:35:43	4.4333	1189.456	118.812
2005/03/12	14:37:43	4.4667	1189.999	118.767
2005/03/12	14:39:43	4.5000	1190.509	118.715
2005/03/12	14:41:43	4.5333	1191.000	118.666
2005/03/12	14:43:43	4.5667	1191.446	118.602
2005/03/12	14:45:43	4.6000	1191.889	118.546
2005/03/12	14:47:43	4.6333	1192.297	118.490
2005/03/12	14:49:43	4.6667	1192.704	118.429
2005/03/12	14:51:43	4.7000	1193.088	118.375
Final Buildup				
2005/03/12	14:53:13	4.7250	1193.360	118.326
2005/03/12	14:53:43	4.7333	1193.464	118.312
Final HYD				
2005/03/12	14:54:58	4.7542	1716.676	118.240
2005/03/12	14:55:43	4.7667	1708.381	118.227
2005/03/12	14:57:43	4.8000	1705.986	118.155
2005/03/12	14:59:43	4.8333	1671.617	118.022
2005/03/12	15:01:43	4.8667	1700.094	117.813
2005/03/12	15:03:43	4.9000	1683.332	117.511
2005/03/12	15:05:43	4.9333	1679.651	117.178
2005/03/12	15:07:43	4.9667	1677.403	116.839
2005/03/12	15:09:43	5.0000	1676.990	116.542

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/12	15:11:43	5.0333	1676.376	116.271
2005/03/12	15:13:43	5.0667	1636.336	116.035
2005/03/12	15:15:43	5.1000	1625.731	115.810
2005/03/12	15:17:43	5.1333	1497.480	115.563
2005/03/12	15:19:43	5.1667	1433.884	115.308
2005/03/12	15:21:43	5.2000	1378.956	115.039
2005/03/12	15:23:43	5.2333	1360.366	114.746
2005/03/12	15:25:43	5.2667	1319.763	114.426
2005/03/12	15:27:43	5.3000	1201.513	114.067
2005/03/12	15:29:43	5.3333	1178.739	113.630
2005/03/12	15:31:43	5.3667	1063.473	113.119
2005/03/12	15:33:43	5.4000	1083.867	112.518
2005/03/12	15:35:43	5.4333	1081.314	111.852
2005/03/12	15:37:43	5.4667	982.101	111.115
2005/03/12	15:39:43	5.5000	959.635	110.323
2005/03/12	15:41:43	5.5333	832.418	109.427
2005/03/12	15:43:43	5.5667	776.717	108.399
2005/03/12	15:45:43	5.6000	743.330	107.249
2005/03/12	15:47:43	5.6333	639.552	105.987
2005/03/12	15:49:43	5.6667	620.224	104.621
2005/03/12	15:51:43	5.7000	518.478	103.260
2005/03/12	15:53:43	5.7333	474.426	101.953
2005/03/12	15:55:43	5.7667	449.936	100.695
2005/03/12	15:57:43	5.8000	417.065	99.514
2005/03/12	15:59:43	5.8333	417.672	98.427
2005/03/12	16:01:43	5.8667	418.146	97.443
2005/03/12	16:03:43	5.9000	418.666	96.580
2005/03/12	16:05:43	5.9333	419.287	95.844
2005/03/12	16:07:43	5.9667	419.967	95.205
2005/03/12	16:09:43	6.0000	420.618	94.671
2005/03/12	16:11:43	6.0333	421.264	94.208
2005/03/12	16:13:43	6.0667	421.897	93.812
2005/03/12	16:15:43	6.1000	422.522	93.465
2005/03/12	16:17:43	6.1333	423.192	93.171
2005/03/12	16:19:43	6.1667	423.841	92.907
2005/03/12	16:21:43	6.2000	424.517	92.687
2005/03/12	16:23:43	6.2333	425.178	92.480
2005/03/12	16:25:43	6.2667	425.958	92.300
2005/03/12	16:27:43	6.3000	426.635	92.143
2005/03/12	16:29:43	6.3333	427.301	91.996
2005/03/12	16:31:43	6.3667	427.949	91.866
2005/03/12	16:33:43	6.4000	428.596	91.747
2005/03/12	16:35:43	6.4333	429.219	91.636
2005/03/12	16:37:43	6.4667	429.870	91.533
2005/03/12	16:39:43	6.5000	430.492	91.441
2005/03/12	16:41:43	6.5333	431.118	91.359
2005/03/12	16:43:43	6.5667	431.726	91.278
2005/03/12	16:45:43	6.6000	432.351	91.200
2005/03/12	16:47:43	6.6333	432.952	91.126
2005/03/12	16:49:43	6.6667	433.538	91.056

Company Name	Murfin Drilling Company, Inc.
Well Name	M. Drach 1-12
Type of Test	DST #5 3636 to 3700
Date(s) of Test	3-12-2005

Ricketts Testing

M. Drach 1-12 DST #5



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.200	Intial HYD	1724.28	96.77
2	1.358	Initial Flow	310.88	99.74
3	1.742	Initial Flow	451.09	112.28
4	2.700	Intial buildup	1190.71	116.44
5	2.708	Final Flow	446.77	116.51
6	3.233	Final Flow	632.96	118.49
7	4.725	Final Buildup	1193.36	118.33
8	4.754	Final HYD	1716.68	118.24

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Company MURFIN DRILLING COMPANY, INC. Lease & Well No. M. DRACH #1-12

Elevation 1884 G.L. Formation ARBUCKLE Ticket No. 2264

Date 3-13-05 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by _____ Ricketts Representative JIMMY RICKETTS

Formation Test No. 6 Interval Tested from 3701 ft. to 3710 ft. Total Depth 3710 ft.

Packer Depth 3701 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3698 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3706 ft. Recorder Number W1023 Cap. 10,000

Bottom Recorder Depth (Outside) 3709 ft. Recorder Number Z43 Cap. 6,000

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

Drilling Contractor BERENTZ DRILLING RIG #5 Drill Collar Length 382 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 49 Weight Pipe Length _____ I.D. _____ in.

Weight 9.0 Water Loss 10.2 cc. Drill Pipe Length 3299 I.D. 3.25 in.

Chlorides 12,000 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make _____ Serial Number _____ Anchor Length 9 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 31° Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: STRONG BLOW THROUGHOUT INITIAL FLOW PERIOD. STRONG BLOW BACK INITIAL SHUT-IN. STRONG BLOW THROUGHOUT FINAL FLOW PERIOD. GAS TO SURFACE IN 22 MINUTES, GAUGED 4,450 CFPD. STRONG BLOW BACK THROUGHOUT FINAL SHUT-IN.

Recovered _____ ft. of _____

Recovered 1500 ft. of GASSY OIL

Recovered 230 ft. of HEAVY OIL CUT MUD. 10% GAS 25% OIL 35% MUD 30% WATER

Recovered 180 ft. of OILY WATER. 15% OIL 30% MUD 55% WATER

Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 18,000 PPM

Time Set Packer (s) 6:05 A.M. Time Started Off Bottom 9:35 A.M. Maximum Temperature 120°

Initial Hydrostatic Pressure	(A)	1823	P.S.I.	
Initial Flow Period Minutes 15	(B)	123	P.S.I.	to
	(C)	332	P.S.I.	
Initial Closed In Period Minutes 60	(D)	1214	P.S.I.	
Final Flow Period Minutes 45	(E)	357	P.S.I.	to
	(F)	651	P.S.I.	
Final Closed In Period Minutes 90	(G)	1212	P.S.I.	
Final Hydrostatic Pressure	(H)	1740	P.S.I.	

Ricketts Testing, Inc.

GAS FLOW REPORT

Date 3-13-05 Ticket 2264 Company MURFIN DRILLING COMPANY, INC.

Well Name and No. M. DRACH #1-12 Dst No. 6 Interval Tested 3701' - 3710'

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						
SECOND FLOW						GAS TO SURFACE IN 22 MINUTES
	30	7 IOW				4,450 CFPD
	40	5 IOW				3,710 CFPD
	45	11 IOW				5,600 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 8

Pressure Test Report

COMPANY INFORMATION

Company Name	Murfin Drilling Company, Inc.
Representative	Jeff Zoller
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M. Drach 1-12
Well Location	12-22S-13W S/2 NE SW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil and Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Berentz Drilling #5
Elevations	
Kelly Bushing (KB)	1895 KB
Casing Flange (CF)	
KB-CF	
Ground Level	1884 GL
Plug Back Total Depth	
Total Depth	3710
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #6 3701 to 3710
Date(s) of Test	3-13-2005
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	3-13-2005
Date / Time on Bottom	3-13-2005 6:05 am
Date / Time off Bottom	3-13-2005 9:35 am
Probe Serial Number	Z43
Probe Offset from End of Tool String	3706
Run Depth at Probe Pressure Port	

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1856.6 psig
Maximum Recorded Probe Temperature	120.9 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	Mar 13/2005 @ 04:29:39
Program End Time	Mar 13/2005 @ 14:51:09
Total Samples Taken	2322
Usage for this Test	0.0880 Ah
Generic Data File Name	Z43MR13A.GEN

COMMENTS

Reported By Jimmy Ricketts

Strong blow throughout intial flow period. Strong blow back throughout intial shut in. Strong blow throughout final flow period. Gas to surface in 22 minutes into final flow period with gas flow of 4.45 mcf/d. Strong blow back throughout final shut in. Recovery - 1500' gassy oil, 230' heavy oil cut mud (10% gas, 25% oil, 30% water, and 35% mud), 180' oily water(15% oil, 30% mud, and 55% water). DST fluids were 18000 chlorides. Gravity was 31 api.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/13	06:23:39	1.9000	285.872	106.158
2005/03/13	06:25:39	1.9333	305.878	107.994
2005/03/13	06:27:39	1.9667	325.510	109.686
Initial Flow				
2005/03/13	06:28:24	1.9792	332.491	110.277
2005/03/13	06:29:39	2.0000	1034.949	111.132
2005/03/13	06:31:39	2.0333	1098.258	112.518
2005/03/13	06:33:39	2.0667	1126.587	113.738
2005/03/13	06:35:39	2.1000	1143.919	114.751
2005/03/13	06:37:39	2.1333	1156.008	115.572
2005/03/13	06:39:39	2.1667	1165.066	116.233
2005/03/13	06:41:39	2.2000	1172.177	116.757
2005/03/13	06:43:39	2.2333	1177.995	117.180
2005/03/13	06:45:39	2.2667	1182.813	117.507
2005/03/13	06:47:39	2.3000	1186.891	117.766
2005/03/13	06:49:39	2.3333	1190.348	117.968
2005/03/13	06:51:39	2.3667	1193.337	118.125
2005/03/13	06:53:39	2.4000	1195.992	118.238
2005/03/13	06:55:39	2.4333	1198.333	118.330
2005/03/13	06:57:39	2.4667	1200.377	118.393
2005/03/13	06:59:39	2.5000	1202.210	118.434
2005/03/13	07:01:39	2.5333	1203.942	118.465
2005/03/13	07:03:39	2.5667	1205.435	118.481
2005/03/13	07:05:39	2.6000	1206.817	118.490
2005/03/13	07:07:39	2.6333	1208.078	118.485
2005/03/13	07:09:39	2.6667	1209.228	118.483
2005/03/13	07:11:39	2.7000	1210.307	118.465
2005/03/13	07:13:39	2.7333	1211.333	118.450
2005/03/13	07:15:39	2.7667	1212.247	118.429
2005/03/13	07:17:39	2.8000	1213.115	118.404
2005/03/13	07:19:39	2.8333	1213.935	118.378
Intial buildup				
2005/03/13	07:21:24	2.8625	1214.601	118.353
2005/03/13	07:21:39	2.8667	1214.677	118.353
2005/03/13	07:23:39	2.9000	355.205	118.404
Final Flow				
2005/03/13	07:23:54	2.9042	357.059	118.396
2005/03/13	07:25:39	2.9333	370.996	118.314
2005/03/13	07:27:39	2.9667	386.992	118.227
2005/03/13	07:29:39	3.0000	402.372	118.173
2005/03/13	07:31:39	3.0333	417.896	118.159
2005/03/13	07:33:39	3.0667	433.578	118.180
2005/03/13	07:35:39	3.1000	448.867	118.247
2005/03/13	07:37:39	3.1333	464.417	118.332
2005/03/13	07:39:39	3.1667	478.908	118.458
2005/03/13	07:41:39	3.2000	492.596	118.602
2005/03/13	07:43:39	3.2333	506.073	118.774
2005/03/13	07:45:39	3.2667	520.723	118.969
2005/03/13	07:47:39	3.3000	533.750	119.161
2005/03/13	07:49:39	3.3333	544.696	119.358

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/13	07:51:39	3.3667	554.782	119.550
2005/03/13	07:53:39	3.4000	567.318	119.734
2005/03/13	07:55:39	3.4333	579.449	119.901
2005/03/13	07:57:39	3.4667	590.851	120.056
2005/03/13	07:59:39	3.5000	602.077	120.200
2005/03/13	08:01:39	3.5333	612.945	120.319
2005/03/13	08:03:39	3.5667	623.458	120.434
2005/03/13	08:05:39	3.6000	633.818	120.535
2005/03/13	08:07:39	3.6333	644.167	120.616
Final Flow				
2005/03/13	08:09:09	3.6583	651.560	120.670
2005/03/13	08:09:39	3.6667	1028.116	120.655
2005/03/13	08:11:39	3.7000	1094.304	120.722
2005/03/13	08:13:39	3.7333	1118.088	120.789
2005/03/13	08:15:39	3.7667	1132.585	120.828
2005/03/13	08:17:39	3.8000	1142.945	120.844
2005/03/13	08:19:39	3.8333	1150.834	120.859
2005/03/13	08:21:39	3.8667	1157.268	120.857
2005/03/13	08:23:39	3.9000	1162.537	120.848
2005/03/13	08:25:39	3.9333	1167.024	120.837
2005/03/13	08:27:39	3.9667	1170.974	120.819
2005/03/13	08:29:39	4.0000	1174.390	120.803
2005/03/13	08:31:39	4.0333	1177.447	120.783
2005/03/13	08:33:39	4.0667	1180.122	120.765
2005/03/13	08:35:39	4.1000	1182.555	120.745
2005/03/13	08:37:39	4.1333	1184.773	120.731
2005/03/13	08:39:39	4.1667	1186.783	120.708
2005/03/13	08:41:39	4.2000	1188.631	120.690
2005/03/13	08:43:39	4.2333	1190.303	120.666
2005/03/13	08:45:39	4.2667	1191.917	120.643
2005/03/13	08:47:39	4.3000	1193.390	120.627
2005/03/13	08:49:39	4.3333	1194.687	120.598
2005/03/13	08:51:39	4.3667	1195.982	120.580
2005/03/13	08:53:39	4.4000	1197.121	120.558
2005/03/13	08:55:39	4.4333	1198.279	120.542
2005/03/13	08:57:39	4.4667	1199.296	120.517
2005/03/13	08:59:39	4.5000	1200.268	120.499
2005/03/13	09:01:39	4.5333	1201.204	120.479
2005/03/13	09:03:39	4.5667	1202.030	120.466
2005/03/13	09:05:39	4.6000	1202.902	120.445
2005/03/13	09:07:39	4.6333	1203.685	120.427
2005/03/13	09:09:39	4.6667	1204.424	120.414
2005/03/13	09:11:39	4.7000	1205.117	120.402
2005/03/13	09:13:39	4.7333	1205.786	120.380
2005/03/13	09:15:39	4.7667	1206.405	120.369
2005/03/13	09:17:39	4.8000	1207.033	120.349
2005/03/13	09:19:39	4.8333	1207.611	120.339
2005/03/13	09:21:39	4.8667	1208.185	120.326
2005/03/13	09:23:39	4.9000	1208.720	120.315
2005/03/13	09:25:39	4.9333	1209.253	120.299

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/13	09:27:39	4.9667	1209.761	120.295
2005/03/13	09:29:39	5.0000	1210.250	120.281
2005/03/13	09:31:39	5.0333	1210.720	120.270
2005/03/13	09:33:39	5.0667	1211.182	120.258
2005/03/13	09:35:39	5.1000	1211.611	120.245
2005/03/13	09:37:39	5.1333	1212.025	120.236
2005/03/13	09:39:39	5.1667	1212.438	120.229
Final Buildup				
2005/03/13	09:41:24	5.1958	1212.755	120.216
2005/03/13	09:41:39	5.2000	1197.624	120.216
Final HYD				
2005/03/13	09:43:09	5.2250	1740.171	120.178
2005/03/13	09:43:39	5.2333	1731.428	120.175
2005/03/13	09:45:39	5.2667	1795.024	120.146
2005/03/13	09:47:39	5.3000	1717.057	120.065
2005/03/13	09:49:39	5.3333	1700.690	119.889
2005/03/13	09:51:39	5.3667	1709.493	119.662
2005/03/13	09:53:39	5.4000	1664.794	119.390
2005/03/13	09:55:39	5.4333	1618.285	119.077
2005/03/13	09:57:39	5.4667	1505.523	118.677
2005/03/13	09:59:39	5.5000	1512.200	118.171
2005/03/13	10:01:39	5.5333	1391.665	117.556
2005/03/13	10:03:39	5.5667	1383.942	116.839
2005/03/13	10:05:39	5.6000	1303.011	116.051
2005/03/13	10:07:39	5.6333	1270.347	115.201
2005/03/13	10:09:39	5.6667	1174.338	114.285
2005/03/13	10:11:39	5.7000	1185.804	113.322
2005/03/13	10:13:39	5.7333	1096.561	112.343
2005/03/13	10:15:39	5.7667	1134.544	111.348
2005/03/13	10:17:39	5.8000	1108.923	110.352
2005/03/13	10:19:39	5.8333	983.884	109.366
2005/03/13	10:21:39	5.8667	911.474	108.374
2005/03/13	10:23:39	5.9000	890.395	107.377
2005/03/13	10:25:39	5.9333	762.811	106.392
2005/03/13	10:27:39	5.9667	758.726	105.393
2005/03/13	10:29:39	6.0000	709.059	104.405
2005/03/13	10:31:39	6.0333	711.353	103.417
2005/03/13	10:33:39	6.0667	712.274	102.461
2005/03/13	10:35:39	6.1000	712.650	101.561
2005/03/13	10:37:39	6.1333	712.841	100.711
2005/03/13	10:39:39	6.1667	712.922	99.936
2005/03/13	10:41:39	6.2000	712.890	99.226
2005/03/13	10:43:39	6.2333	712.741	98.589
2005/03/13	10:45:39	6.2667	712.578	98.015
2005/03/13	10:47:39	6.3000	712.353	97.504
2005/03/13	10:49:39	6.3333	712.105	97.036
2005/03/13	10:51:39	6.3667	711.822	96.629
2005/03/13	10:53:39	6.4000	711.540	96.255
2005/03/13	10:55:39	6.4333	711.258	95.923
2005/03/13	10:57:39	6.4667	710.987	95.621

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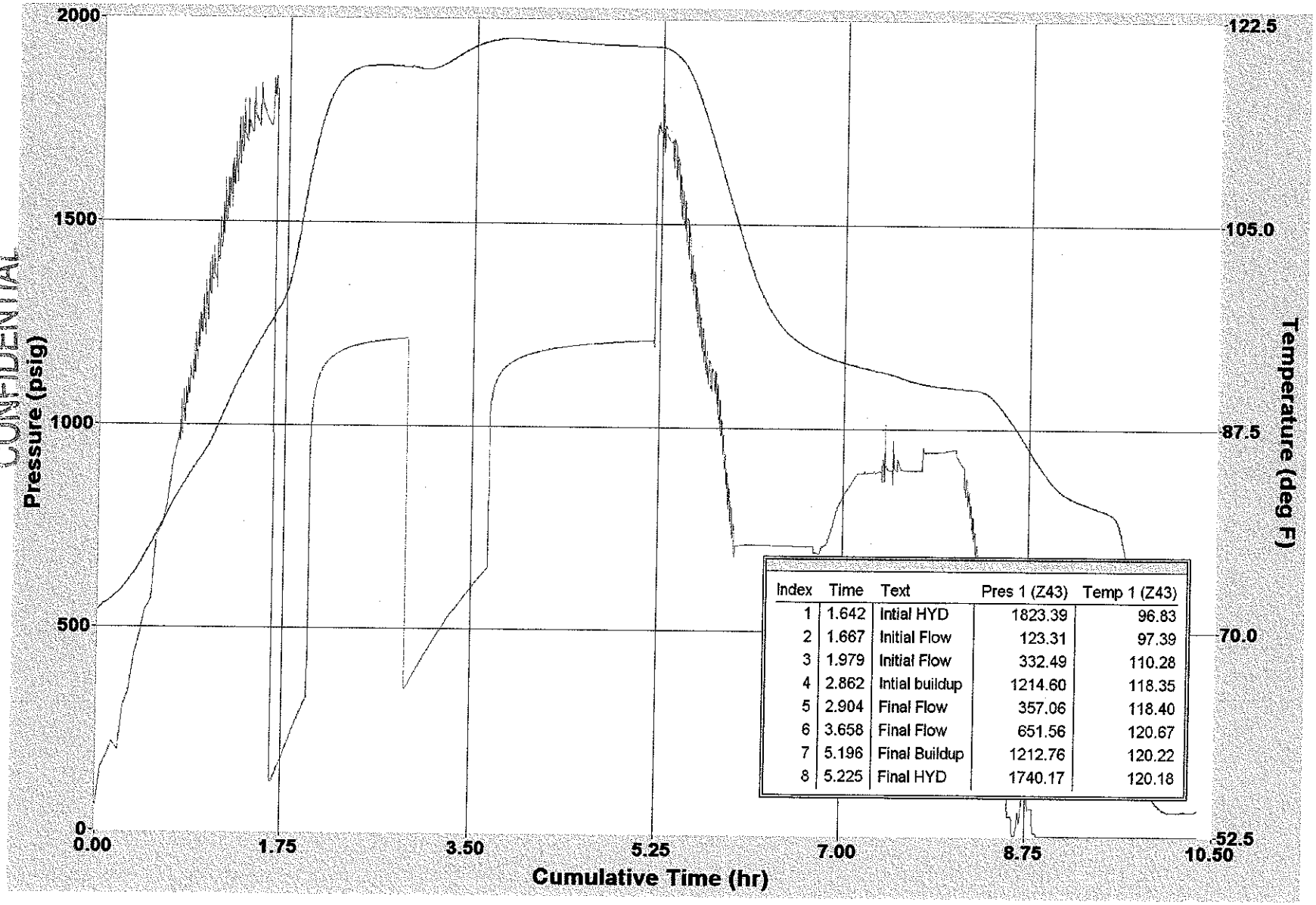
Company Name	Murfin Drilling Company, Inc.
Well Name	M. Drach 1-12
Type of Test	DST #6 3701 to 3710
Date(s) of Test	3-13-2005

Ricketts Testing

M. Drach 1-12 DST #6



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.642	Intial HYD	1823.39	96.83
2	1.667	Initial Flow	123.31	97.39
3	1.979	Initial Flow	332.49	110.28
4	2.862	Intial buildup	1214.60	118.35
5	2.904	Final Flow	357.06	118.40
6	3.658	Final Flow	651.56	120.67
7	5.196	Final Buildup	1212.76	120.22
8	5.225	Final HYD	1740.17	120.18

CONFIDENTIAL

Ricketts Testing, Inc.

KCC
MAY 25 2005

ORIGINAL

Company MURFIN DRILLING COMPANY, INC. CONFIDENTIAL Lease & Well No. M. DRACH #1-12

Elevation 1884 G.L. Formation ARBUCKLE Ticket No. 2265

Date 3-14-05 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by _____ Ricketts Representative JIMMY RICKETTS

Formation Test No. 7 Interval Tested from 3714 ft. to 3726 ft. Total Depth 3726 ft.

Packer Depth 3714 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3711 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3719 ft. Recorder Number W1023 Cap. 10,000

Bottom Recorder Depth (Outside) 3722 ft. Recorder Number Z43 Cap. 6,000

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

Drilling Contractor BERENTZ DRILLING RIG #5 Drill Collar Length 382 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 67 Weight Pipe Length _____ I.D. _____ in.

Weight 9.0 Water Loss 9.6 cc. Drill Pipe Length 3312 I.D. 3.25 in.

Chlorides 14,000 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make _____ Serial Number _____ Anchor Length 12 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 34° Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: STRONG BLOW THROUGHOUT INITIAL FLOW PERIOD. STRONG BLOW BACK THROUGHOUT INITIAL SHUT-IN. GAS SURFACE 50 MIN. INTO INITIAL SHUT-IN. STRONG BLOW THROUGHOUT FINAL FLOW PERIOD. STRONG BLOW DYIN TO WEAK BLOW IN 60 MIN FINAL SHUT-IN.

Recovered _____ ft. of _____

Recovered 2200 ft. of GASSY OIL.

Recovered 80 ft. of OILY & WATER CUT MUD. 20% OIL 25% WATER 55% MUD

Recovered 300 ft. of OIL & MUD CUT WATER. 10% OIL 30% MUD 60% WATER

Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 19,000 PPM

Time Set Packer (s) 12:22 AM. Time Started Off Bottom 3:52 AM. Maximum Temperature 121°

Initial Hydrostatic Pressure ..... (A) 1819 P.S.I.

Initial Flow Period ..... Minutes 15 (B) 228 P.S.I. to (C) 488 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 1206 P.S.I.

Final Flow Period ..... Minutes 45 (E) 517 P.S.I. to (F) 930 P.S.I.

Final Closed In Period ..... Minutes 90 (G) 1198 P.S.I.

Final Hydrostatic Pressure ..... (H) 1728 P.S.I.

Ricketts Testing, Inc.

GAS FLOW REPORT

Date 3-14-05 Ticket 2265 Company MURFIN DRILLING COMPANY, INC.

Well Name and No. M. DRACH #1-12 Dst No. 7 Interval Tested 3714' TO 3726'

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						
		GAS TO SURFACE IN 50 MINUTES INITIAL SHUT-IN				
SECOND FLOW						
	0	4 IOW				3,370 CFPD
	10	3.6 IOW				3,190 CFPD
	20	2.2 IOW				2,490 CFPD
	30	4.2 IOW				3,440 CFPD
	40	2.6 IOW				2,710 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 8

Pressure Test Report

COMPANY INFORMATION

Company Name	Murfin Drilling Company, Inc.
Representative	Jeff Zoller
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M. Drach 1-12
Well Location	12-22S-13W S/2 NE SW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil and Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Berentz Drilling #5
Elevations	
Kelly Bushing (KB)	1895 KB
Casing Flange (CF)	
KB-CF	
Ground Level	1884 GL
Plug Back Total Depth	
Total Depth	3726
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #7 3714 to 3726
Date(s) of Test	3-14-2005
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	3-14-2005
Date / Time on Bottom	3-14-2005 12:22 am
Date / Time off Bottom	3-14-2005 3:52 am
Probe Serial Number	Z43
Probe Offset from End of Tool String	3719
Run Depth at Probe Pressure Port	

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1875.7 psig
Maximum Recorded Probe Temperature	121.2 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	Mar 13/2005 @ 23:21:05
Program End Time	Mar 14/2005 @ 11:12:35
Total Samples Taken	2682
Usage for this Test	0.1040 Ah
Generic Data File Name	Z43MR14A.GEN

COMMENTS

Reported By Jimmy Ricketts

Strong blow throughout intial flow period. Strong blow back throughout intial shutin period. Gas to surface 50 minutes into intial shutin period. Strong blow throughout final flow period. Strong blow back dying to weak blow back in 60 minutes final shutin period. Recovery - 2200' gassy oil, 80' oil and water cut mud(20% oil, 25% water, and 55% mud), and 300' oil and mud cut water(10% oil, 30% mud, and 60% water). DST fluids were 19,000 chlorides. Oil gravity was 34 api.

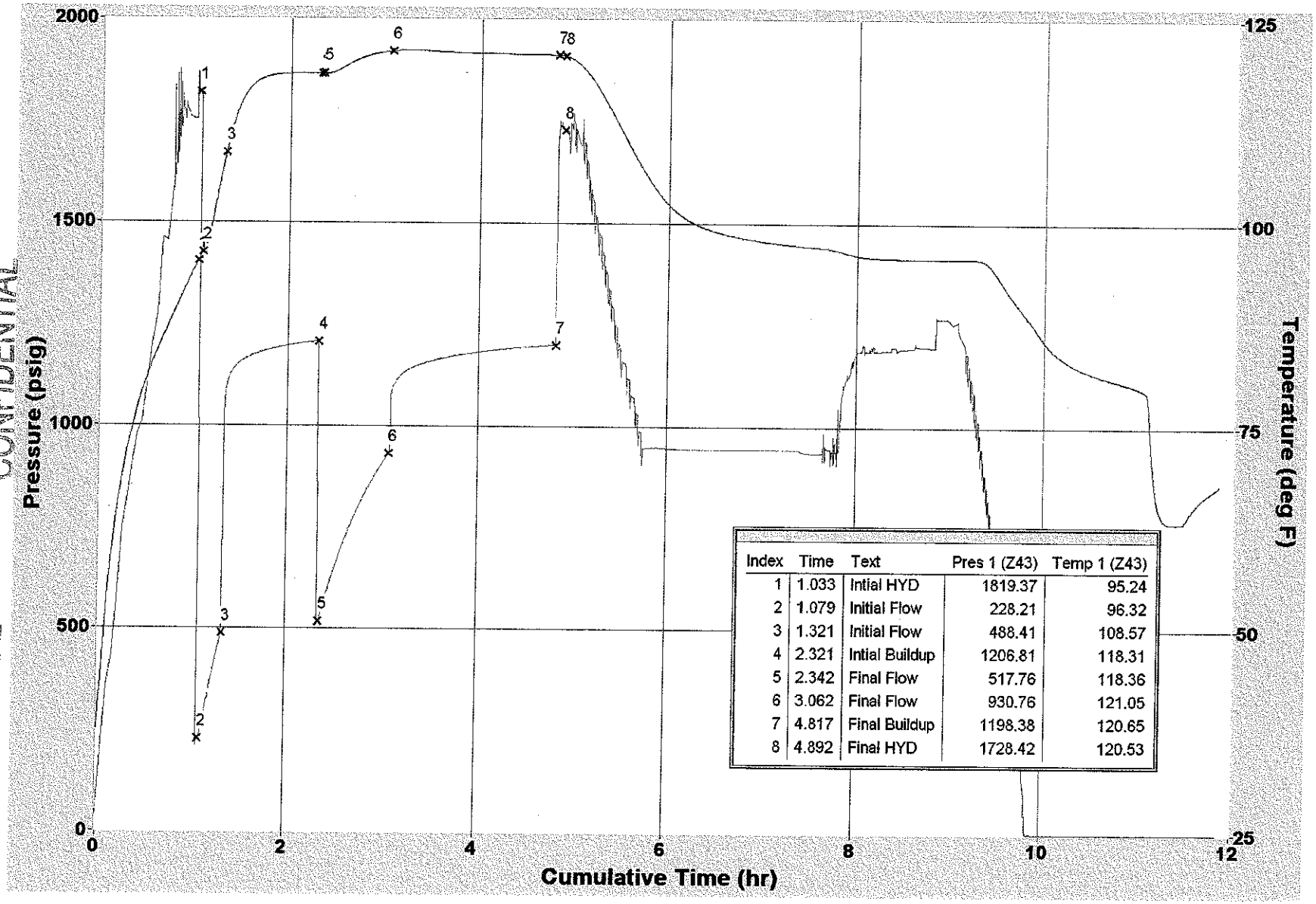
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/13	23:21:05	0.0000	40.136	37.562
2005/03/13	23:27:05	0.1000	359.263	55.004
2005/03/13	23:30:05	0.1500	435.631	61.003
2005/03/13	23:36:05	0.2500	746.376	69.273
2005/03/13	23:42:05	0.3500	904.911	74.865
2005/03/13	23:45:05	0.4000	977.713	77.221
2005/03/13	23:51:05	0.5000	1113.349	81.091
2005/03/13	23:57:05	0.6000	1276.660	84.200
2005/03/14	00:00:05	0.6500	1461.495	85.487
2005/03/14	00:06:05	0.7500	1561.220	88.122
2005/03/14	00:08:35	0.7917	1643.118	89.208
2005/03/14	00:11:05	0.8333	1735.507	90.302
2005/03/14	00:13:35	0.8750	1768.991	91.395
2005/03/14	00:16:05	0.9167	1767.509	92.494
2005/03/14	00:18:35	0.9583	1754.810	93.582
2005/03/14	00:21:05	1.0000	1753.395	94.554
Intial HYD				
2005/03/14	00:23:05	1.0333	1819.375	95.243
2005/03/14	00:23:35	1.0417	1814.847	95.416
Initial Flow				
2005/03/14	00:25:50	1.0792	228.208	96.321
2005/03/14	00:26:05	1.0833	230.058	96.391
2005/03/14	00:28:35	1.1250	267.107	97.498
2005/03/14	00:31:05	1.1667	315.856	99.455
2005/03/14	00:33:35	1.2083	367.947	101.919
2005/03/14	00:36:05	1.2500	414.911	104.497
2005/03/14	00:38:35	1.2917	459.288	106.968
Initial Flow				
2005/03/14	00:40:20	1.3208	488.406	108.568
2005/03/14	00:41:05	1.3333	1052.639	109.164
2005/03/14	00:43:35	1.3750	1117.851	111.184
2005/03/14	00:46:05	1.4167	1135.514	112.870
2005/03/14	00:48:35	1.4583	1147.391	114.210
2005/03/14	00:51:05	1.5000	1156.041	115.255
2005/03/14	00:53:35	1.5417	1162.313	116.051
2005/03/14	00:56:05	1.5833	1167.501	116.645
2005/03/14	00:58:35	1.6250	1172.329	117.095
2005/03/14	01:01:05	1.6667	1176.145	117.426
2005/03/14	01:03:35	1.7083	1179.495	117.667
2005/03/14	01:06:05	1.7500	1182.504	117.844
2005/03/14	01:08:35	1.7917	1185.265	117.977
2005/03/14	01:11:05	1.8333	1187.795	118.071
2005/03/14	01:13:35	1.8750	1190.082	118.137
2005/03/14	01:16:05	1.9167	1192.198	118.189
2005/03/14	01:18:35	1.9583	1194.130	118.222
2005/03/14	01:21:05	2.0000	1196.269	118.251
2005/03/14	01:23:35	2.0417	1198.072	118.265
2005/03/14	01:26:05	2.0833	1199.660	118.276
2005/03/14	01:28:35	2.1250	1201.126	118.288
2005/03/14	01:31:05	2.1667	1202.517	118.297

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/14	01:33:35	2.2083	1203.782	118.306
2005/03/14	01:36:05	2.2500	1204.986	118.310
2005/03/14	01:38:35	2.2917	1206.095	118.312
Intial Buildup				
2005/03/14	01:40:20	2.3208	1206.809	118.312
2005/03/14	01:41:05	2.3333	511.699	118.373
Final Flow				
2005/03/14	01:41:35	2.3417	517.761	118.362
2005/03/14	01:43:35	2.3750	544.693	118.323
2005/03/14	01:46:05	2.4167	580.031	118.357
2005/03/14	01:48:35	2.4583	613.555	118.492
2005/03/14	01:51:05	2.5000	645.287	118.719
2005/03/14	01:53:35	2.5417	674.971	118.996
2005/03/14	01:56:05	2.5833	703.525	119.280
2005/03/14	01:58:35	2.6250	729.781	119.545
2005/03/14	02:01:05	2.6667	754.523	119.811
2005/03/14	02:03:35	2.7083	777.747	120.031
2005/03/14	02:06:05	2.7500	799.540	120.231
2005/03/14	02:08:35	2.7917	820.589	120.405
2005/03/14	02:11:05	2.8333	840.187	120.555
2005/03/14	02:13:35	2.8750	858.272	120.684
2005/03/14	02:16:05	2.9167	875.984	120.787
2005/03/14	02:18:35	2.9583	892.388	120.879
2005/03/14	02:21:05	3.0000	908.005	120.954
2005/03/14	02:23:35	3.0417	923.399	121.024
Final Flow				
2005/03/14	02:24:50	3.0625	930.759	121.051
2005/03/14	02:26:05	3.0833	1075.647	121.059
2005/03/14	02:28:35	3.1250	1105.060	121.114
2005/03/14	02:31:05	3.1667	1118.724	121.154
2005/03/14	02:33:35	3.2083	1128.625	121.183
2005/03/14	02:36:05	3.2500	1135.767	121.192
2005/03/14	02:38:35	3.2917	1140.852	121.183
2005/03/14	02:41:05	3.3333	1145.618	121.172
2005/03/14	02:43:35	3.3750	1149.353	121.145
2005/03/14	02:46:05	3.4167	1152.778	121.123
2005/03/14	02:48:35	3.4583	1155.956	121.089
2005/03/14	02:51:05	3.5000	1158.821	121.060
2005/03/14	02:53:35	3.5417	1161.400	121.026
2005/03/14	02:56:05	3.5833	1163.831	120.999
2005/03/14	02:58:35	3.6250	1166.080	120.972
2005/03/14	03:01:05	3.6667	1168.224	120.951
2005/03/14	03:03:35	3.7083	1170.263	120.929
2005/03/14	03:06:05	3.7500	1172.140	120.902
2005/03/14	03:08:35	3.7917	1173.852	120.882
2005/03/14	03:11:05	3.8333	1175.503	120.868
2005/03/14	03:13:35	3.8750	1177.022	120.853
2005/03/14	03:16:05	3.9167	1178.555	120.835
2005/03/14	03:18:35	3.9583	1179.964	120.825
2005/03/14	03:21:05	4.0000	1181.352	120.810

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/14	03:23:35	4.0417	1182.759	120.805
2005/03/14	03:26:05	4.0833	1183.966	120.794
2005/03/14	03:28:35	4.1250	1185.175	120.789
2005/03/14	03:31:05	4.1667	1186.279	120.776
2005/03/14	03:33:35	4.2083	1187.368	120.772
2005/03/14	03:36:05	4.2500	1188.428	120.767
2005/03/14	03:38:35	4.2917	1189.443	120.762
2005/03/14	03:41:05	4.3333	1190.416	120.754
2005/03/14	03:43:35	4.3750	1191.356	120.744
2005/03/14	03:46:05	4.4167	1192.271	120.742
2005/03/14	03:48:35	4.4583	1193.160	120.726
2005/03/14	03:51:05	4.5000	1193.991	120.717
2005/03/14	03:53:35	4.5417	1194.824	120.706
2005/03/14	03:56:05	4.5833	1195.643	120.700
2005/03/14	03:58:35	4.6250	1196.421	120.690
2005/03/14	04:01:05	4.6667	1197.175	120.682
2005/03/14	04:03:35	4.7083	1197.890	120.670
2005/03/14	04:06:05	4.7500	1198.636	120.663
2005/03/14	04:08:35	4.7917	1199.328	120.652
Final Buildup				
2005/03/14	04:10:05	4.8167	1198.384	120.646
2005/03/14	04:11:05	4.8333	1750.945	120.601
2005/03/14	04:13:35	4.8750	1733.041	120.569
Final HYD				
2005/03/14	04:14:35	4.8917	1728.425	120.528
2005/03/14	04:16:05	4.9167	1727.445	120.427
2005/03/14	04:18:35	4.9583	1742.361	120.204
2005/03/14	04:21:05	5.0000	1694.275	119.919
2005/03/14	04:23:35	5.0417	1703.850	119.520
2005/03/14	04:26:05	5.0833	1744.045	119.025
2005/03/14	04:28:35	5.1250	1609.753	118.506
2005/03/14	04:31:05	5.1667	1602.865	117.927
2005/03/14	04:33:35	5.2083	1551.233	117.262
2005/03/14	04:36:05	5.2500	1506.099	116.510
2005/03/14	04:38:35	5.2917	1464.164	115.695
2005/03/14	04:41:05	5.3333	1359.189	114.847
2005/03/14	04:43:35	5.3750	1297.209	113.981
2005/03/14	04:46:05	5.4167	1292.658	113.094
2005/03/14	04:48:35	5.4583	1247.366	112.210
2005/03/14	04:51:05	5.5000	1198.588	111.319
2005/03/14	04:53:35	5.5417	1156.373	110.413
2005/03/14	04:56:05	5.5833	1119.456	109.508
2005/03/14	04:58:35	5.6250	1075.512	108.637
2005/03/14	05:01:05	5.6667	1031.146	107.796
2005/03/14	05:03:35	5.7083	954.374	106.990
2005/03/14	05:06:05	5.7500	946.460	106.212
2005/03/14	05:08:35	5.7917	947.241	105.447
2005/03/14	05:11:05	5.8333	948.139	104.709
2005/03/14	05:13:35	5.8750	948.076	104.011
2005/03/14	05:16:05	5.9167	947.781	103.374

Company Name	Murfin Drilling Company, Inc.
Well Name	M. Drach 1-12
Type of Test	DST #7 3714 to 3726
Date(s) of Test	3-14-2005

M. Drach 1-12 DST #7



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.033	Intial HYD	1819.37	95.24
2	1.079	Initial Flow	228.21	96.32
3	1.321	Initial Flow	488.41	108.57
4	2.321	Intial Buildup	1206.81	118.31
5	2.342	Final Flow	517.76	118.36
6	3.062	Final Flow	930.76	121.05
7	4.817	Final Buildup	1198.38	120.65
8	4.892	Final HYD	1728.42	120.53

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Ricketts Testing, Inc.

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MAY 25 2005

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CONFIDENTIAL

Company MURFIN DRILLING COMPANY, INC. Lease & Well No. M. DRACH #1-12

Elevation 1884 G.L. Formation ARBUCKLE Ticket No. 2266

Date 3-14-05 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by _____ Ricketts Representative JIMMY RICKETTS

Formation Test No. 8 Interval Tested from 3730 ft. to 3740 ft. Total Depth 3740 ft.

Packer Depth 3730 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3727 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3735 ft. Recorder Number W1023 Cap. 10,000

Bottom Recorder Depth (Outside) 3738 ft. Recorder Number Z43 Cap. 6,000

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

Drilling Contractor BERENTZ DRILLING RIG #5 Drill Collar Length 382 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 68 Weight Pipe Length _____ I.D. _____ in.

Weight 8.8 Water Loss 9.4 cc. Drill Pipe Length 3328 I.D. 3.25 in.

Chlorides 15,000 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make _____ Serial Number _____ Anchor Length 10 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: WEAK BLOW BUILDING TO A STRONG BLOW IN 3 MINUTES INITIAL FLOW PERIOD. SURFACE BLOW BACK RING INITIAL SHUT-IN. STRONG BLOW THROUGHOUT FINAL FLOW PERIOD.

Recovered 2000 ft. of OIL SPECKED WATER

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 19,000 PPM

Time Set Packer (s) 8:07 P.M. Time Started Off Bottom 11:37 P.M. Maximum Temperature 121°

Initial Hydrostatic Pressure		(A)	1856 P.S.I.	
Initial Flow Period Minutes	15	(B)	228 P.S.I.	to
		(C)	385 P.S.I.	
Initial Closed In Period Minutes	60	(D)	1237 P.S.I.	
Final Flow Period Minutes	45	(E)	408 P.S.I.	to
		(F)	896 P.S.I.	
Final Closed In Period Minutes	90	(G)	1230 P.S.I.	
Final Hydrostatic Pressure		(H)	1778 P.S.I.	

Pressure Test Report

COMPANY INFORMATION

Company Name	Murfin Drilling Company, Inc
Representative	Jeff Zoller
Phone	
Fax	
Address	
E-Mail Address	
Service Company	

WELL INFORMATION

Well Name	M. Drach 1-12
Well Location	12-22S-13W S/2 NE SW
Field and Pool	Drach
Status (Oil, Gas, Water, Injection)	Oil And Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Berentz Drilling #5
Elevations	
Kelly Bushing (KB)	1895 KB
Casing Flange (CF)	
KB-CF	
Ground Level	1886 GL
Plug Back Total Depth	
Total Depth	3740
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #8 3730 to 3740
Date(s) of Test	3-14-2005
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	3-14-2005
Date / Time on Bottom	3-14-2005 8:07 pm
Date / Time off Bottom	3-14-2005 11:37 pm
Probe Serial Number	Z43
Probe Offset from End of Tool String	3735
Run Depth at Probe Pressure Port	

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	2103.7 psig
Maximum Recorded Probe Temperature	122.3 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	Mar 14/2005 @ 19:16:56
Program End Time	Mar 15/2005 @ 04:24:41
Total Samples Taken	2027
Usage for this Test	0.0800 Ah
Generic Data File Name	Z43MR15A.GEN

COMMENTS

Reported By Jimmy Ricketts

Weak blow building to strong blow in 3 mintes intial flow period. Surface blow back during intial shutin period. Strong blow throughout final flow period. No gas to surface. Recovery - 2000' oil speced water. DST fluids were 19,000 ppm clorides.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/14	19:16:56	0.0000	29.463	49.491
2005/03/14	19:19:56	0.0500	219.183	55.458
2005/03/14	19:22:56	0.1000	346.786	61.623
2005/03/14	19:25:56	0.1500	501.296	65.923
2005/03/14	19:28:56	0.2000	767.373	69.168
2005/03/14	19:31:56	0.2500	739.632	71.794
2005/03/14	19:34:56	0.3000	863.751	73.900
2005/03/14	19:37:56	0.3500	952.558	75.796
2005/03/14	19:40:56	0.4000	1070.971	77.720
2005/03/14	19:43:56	0.4500	1159.801	79.444
2005/03/14	19:46:56	0.5000	1285.771	81.153
2005/03/14	19:49:56	0.5500	1410.379	83.089
2005/03/14	19:52:56	0.6000	1666.783	85.005
2005/03/14	19:55:56	0.6500	1620.474	86.743
2005/03/14	19:58:56	0.7000	1711.071	88.063
2005/03/14	20:01:56	0.7500	1771.711	89.294
2005/03/14	20:02:56	0.7667	1871.502	89.674
2005/03/14	20:04:56	0.8000	1790.338	90.455
2005/03/14	20:06:56	0.8333	1781.154	91.195
Intial HYD				
2005/03/14	20:08:26	0.8583	1856.526	91.713
2005/03/14	20:08:56	0.8667	2078.201	91.861
Initial Flow				
2005/03/14	20:10:11	0.8875	228.472	92.622
2005/03/14	20:10:56	0.9000	248.584	93.076
2005/03/14	20:12:56	0.9333	252.580	95.076
2005/03/14	20:14:56	0.9667	283.022	97.817
2005/03/14	20:16:56	1.0000	322.284	100.832
2005/03/14	20:18:56	1.0333	325.423	103.762
2005/03/14	20:20:56	1.0667	349.094	106.417
2005/03/14	20:22:56	1.1000	373.809	108.860
Initial Flow				
2005/03/14	20:23:56	1.1167	385.476	109.983
2005/03/14	20:24:56	1.1333	1167.963	110.988
2005/03/14	20:26:56	1.1667	1191.469	112.946
2005/03/14	20:28:56	1.2000	1200.419	114.552
2005/03/14	20:30:56	1.2333	1205.992	115.821
2005/03/14	20:32:56	1.2667	1210.101	116.820
2005/03/14	20:34:56	1.3000	1213.288	117.606
2005/03/14	20:36:56	1.3333	1216.045	118.229
2005/03/14	20:38:56	1.3667	1218.405	118.708
2005/03/14	20:40:56	1.4000	1220.425	119.086
2005/03/14	20:42:56	1.4333	1222.225	119.368
2005/03/14	20:44:56	1.4667	1223.784	119.586
2005/03/14	20:46:56	1.5000	1225.211	119.754
2005/03/14	20:48:56	1.5333	1226.461	119.874
2005/03/14	20:50:56	1.5667	1227.612	119.955
2005/03/14	20:52:56	1.6000	1228.688	120.007
2005/03/14	20:54:56	1.6333	1229.646	120.040
2005/03/14	20:56:56	1.6667	1230.493	120.047

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/14	20:58:56	1.7000	1231.316	120.038
2005/03/14	21:00:56	1.7333	1232.065	120.025
2005/03/14	21:02:56	1.7667	1232.740	119.997
2005/03/14	21:04:56	1.8000	1233.314	119.961
2005/03/14	21:06:56	1.8333	1233.896	119.926
2005/03/14	21:08:56	1.8667	1234.429	119.881
2005/03/14	21:10:56	1.9000	1234.925	119.836
2005/03/14	21:12:56	1.9333	1235.369	119.786
2005/03/14	21:14:56	1.9667	1235.834	119.741
2005/03/14	21:16:56	2.0000	1236.236	119.689
2005/03/14	21:18:56	2.0333	1236.571	119.637
2005/03/14	21:20:56	2.0667	1236.903	119.581
2005/03/14	21:22:56	2.1000	1237.234	119.530
Intial Buildup				
2005/03/14	21:23:11	2.1042	1237.093	119.521
Final Flow				
2005/03/14	21:24:26	2.1250	408.734	119.556
2005/03/14	21:24:56	2.1333	415.448	119.536
2005/03/14	21:26:56	2.1667	442.496	119.532
2005/03/14	21:28:56	2.2000	473.425	119.674
2005/03/14	21:30:56	2.2333	499.230	119.916
2005/03/14	21:32:56	2.2667	526.059	120.196
2005/03/14	21:34:56	2.3000	552.193	120.493
2005/03/14	21:36:56	2.3333	577.644	120.778
2005/03/14	21:38:56	2.3667	602.230	121.033
2005/03/14	21:40:56	2.4000	626.735	121.266
2005/03/14	21:42:56	2.4333	649.974	121.476
2005/03/14	21:44:56	2.4667	672.704	121.649
2005/03/14	21:46:56	2.5000	694.523	121.788
2005/03/14	21:48:56	2.5333	714.866	121.901
2005/03/14	21:50:56	2.5667	734.899	122.002
2005/03/14	21:52:56	2.6000	754.633	122.076
2005/03/14	21:54:56	2.6333	773.903	122.139
2005/03/14	21:56:56	2.6667	792.457	122.185
2005/03/14	21:58:56	2.7000	811.051	122.225
2005/03/14	22:00:56	2.7333	828.497	122.252
2005/03/14	22:02:56	2.7667	845.148	122.274
2005/03/14	22:04:56	2.8000	861.273	122.292
2005/03/14	22:06:56	2.8333	876.877	122.301
2005/03/14	22:08:56	2.8667	892.136	122.301
Final Flow				
2005/03/14	22:09:26	2.8750	896.634	122.304
2005/03/14	22:10:56	2.9000	1155.755	122.290
2005/03/14	22:12:56	2.9333	1166.947	122.301
2005/03/14	22:14:56	2.9667	1173.754	122.310
2005/03/14	22:16:56	3.0000	1178.875	122.310
2005/03/14	22:18:56	3.0333	1183.093	122.306
2005/03/14	22:20:56	3.0667	1186.834	122.297
2005/03/14	22:22:56	3.1000	1190.126	122.286
2005/03/14	22:24:56	3.1333	1193.094	122.274

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2005/03/14	22:26:56	3.1667	1195.831	122.257
2005/03/14	22:28:56	3.2000	1198.265	122.234
2005/03/14	22:30:56	3.2333	1200.569	122.216
2005/03/14	22:32:56	3.2667	1202.668	122.187
2005/03/14	22:34:56	3.3000	1204.592	122.164
2005/03/14	22:36:56	3.3333	1206.399	122.144
2005/03/14	22:38:56	3.3667	1208.034	122.113
2005/03/14	22:40:56	3.4000	1209.570	122.085
2005/03/14	22:42:56	3.4333	1211.032	122.063
2005/03/14	22:44:56	3.4667	1212.365	122.032
2005/03/14	22:46:56	3.5000	1213.618	122.004
2005/03/14	22:48:56	3.5333	1214.807	121.977
2005/03/14	22:50:56	3.5667	1215.922	121.948
2005/03/14	22:52:56	3.6000	1216.969	121.923
2005/03/14	22:54:56	3.6333	1217.947	121.899
2005/03/14	22:56:56	3.6667	1218.858	121.867
2005/03/14	22:58:56	3.7000	1219.717	121.843
2005/03/14	23:00:56	3.7333	1220.536	121.815
2005/03/14	23:02:56	3.7667	1221.308	121.786
2005/03/14	23:04:56	3.8000	1222.042	121.757
2005/03/14	23:06:56	3.8333	1222.735	121.739
2005/03/14	23:08:56	3.8667	1223.379	121.716
2005/03/14	23:10:56	3.9000	1223.997	121.690
2005/03/14	23:12:56	3.9333	1224.589	121.667
2005/03/14	23:14:56	3.9667	1225.117	121.644
2005/03/14	23:16:56	4.0000	1225.627	121.618
2005/03/14	23:18:56	4.0333	1226.140	121.604
2005/03/14	23:20:56	4.0667	1226.595	121.582
2005/03/14	23:22:56	4.1000	1227.039	121.563
2005/03/14	23:24:56	4.1333	1227.434	121.537
2005/03/14	23:26:56	4.1667	1227.872	121.527
2005/03/14	23:28:56	4.2000	1228.249	121.501
2005/03/14	23:30:56	4.2333	1228.614	121.483
2005/03/14	23:32:56	4.2667	1228.954	121.467
2005/03/14	23:34:56	4.3000	1229.269	121.447
2005/03/14	23:36:56	4.3333	1229.601	121.433
2005/03/14	23:38:56	4.3667	1229.882	121.411
2005/03/14	23:40:56	4.4000	1230.182	121.404
Final Buildup				
2005/03/14	23:42:11	4.4208	1230.363	121.388
2005/03/14	23:42:56	4.4333	1734.940	121.347
Final HYD				
2005/03/14	23:44:11	4.4542	1778.813	121.338
2005/03/14	23:44:56	4.4667	1770.071	121.339
2005/03/14	23:46:56	4.5000	1765.152	121.264
2005/03/14	23:48:56	4.5333	1761.127	121.127
2005/03/14	23:50:56	4.5667	1757.496	120.958
2005/03/14	23:52:56	4.6000	1755.272	120.762
2005/03/14	23:54:56	4.6333	1753.645	120.564
2005/03/14	23:56:56	4.6667	1752.095	120.360

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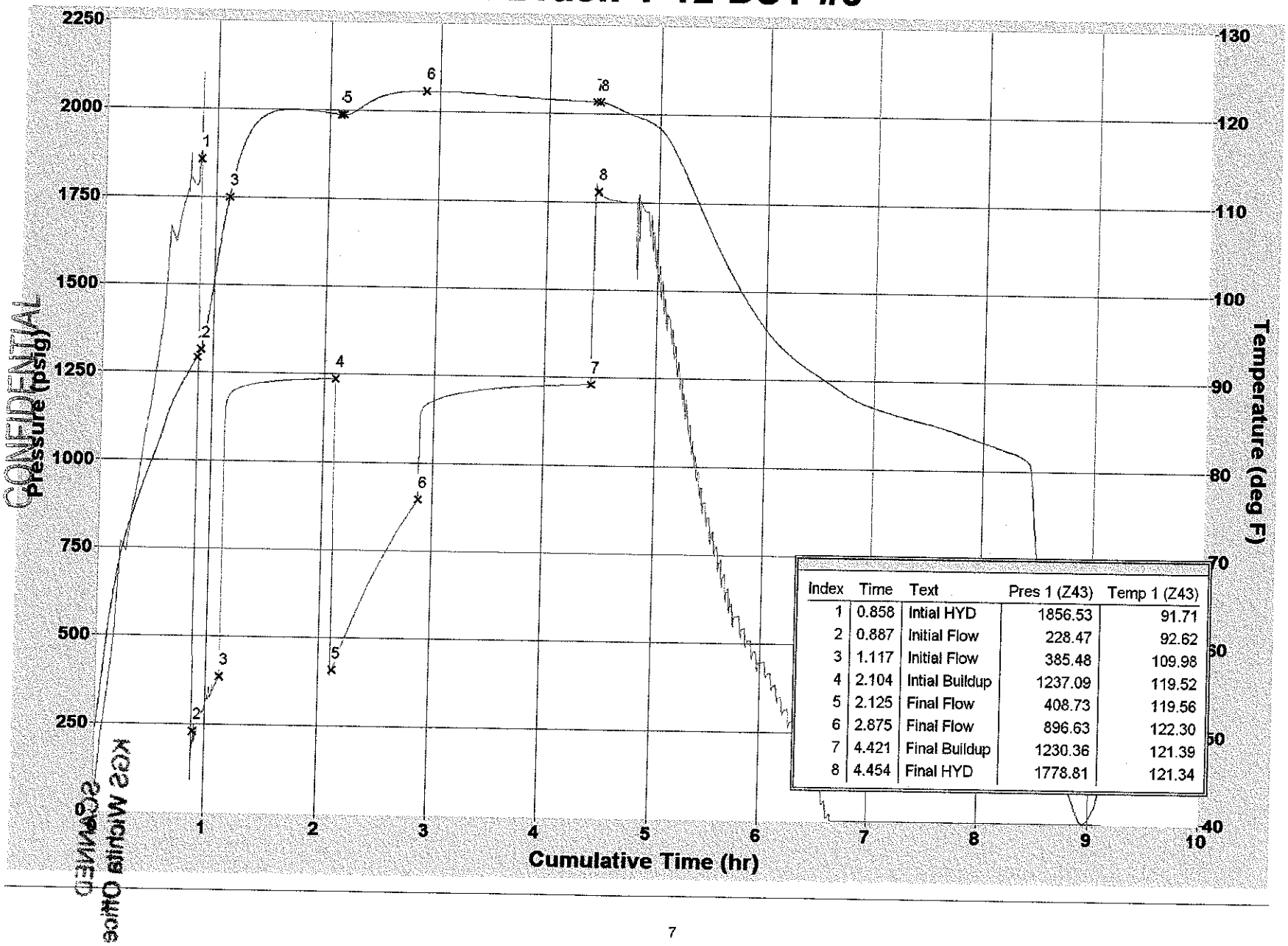
Company Name	Murfin Drilling Company, Inc
Well Name	M. Drach 1-12
Type of Test	DST #8 3730 to 3740
Date(s) of Test	3-14-2005

M. Drach 1-12 DST #8



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	0.858	Intial HYD	1856.53	91.71
2	0.887	Initial Flow	228.47	92.62
3	1.117	Initial Flow	385.48	109.98
4	2.104	Intial Buildup	1237.09	119.52
5	2.125	Final Flow	408.73	119.56
6	2.875	Final Flow	896.63	122.30
7	4.421	Final Buildup	1230.36	121.39
8	4.454	Final HYD	1778.81	121.34

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