Ricketts Testing, Inc.

Company HARRIS OIL & GAS CO. Lease & Well No. ARTHUR DRACH #1-12

Elevation 1890 K.B. Formation ARBUCKLE Ticket No. 2199

Date 8-20-04 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by _____ Ricketts Representative JIM RICKETTS

Formation Test No. 5 Interval Tested from 3608 ft. to 3674 ft. Total Depth 3674 ft.

Packer Depth 3608 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3605 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3613 ft. Recorder Number 11027 Cap. 4625

Bottom Recorder Depth (Outside) 3616 ft. Recorder Number Z43 Cap. 6000

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

Drilling Contractor ACE DRILLING RIG #1 Drill Collar Length 425 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 37 Weight Pipe Length _____ I.D. _____ in.

Weight 8.8 Water Loss 10.4 cc. Drill Pipe Length 3156 I.D. 3.25 in.

Chlorides 6700 P.P.M. Test Tool Length 27 ft. Tool Size 5½ in.

Jars: Make STERLING Serial Number 404 Anchor Length 66 ft. Size 5½ in.

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

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

Blow: STRONG BLOW IN 2 MINUTES INITIAL FLOW PERIOD. GAS TO SURFACE IN 30 MINUTES INITIAL SHUT-I PERIOD. GAUGED 5320 CFPD TO 4120 CFPD.

Recovered 2704 ft. of FREE OIL.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 5:21 A M. Time Started Off Bottom 9:36 A M. Maximum Temperature 120°

Initial Hydrostatic Pressure		(A)	1760 P.S.I.	
Initial Flow Period Minutes	15	(B)	460 P.S.I.	to
		(C)	573 P.S.I.	
Initial Closed In Period Minutes	60	(D)	1153 P.S.I.	
Final Flow Period Minutes	60	(E)	587 P.S.I.	to
		(F)	937 P.S.I.	
Final Closed In Period Minutes	120	(G)	1098 P.S.I.	
Final Hydrostatic Pressure		(H)	1729 P.S.I.	

Ricketts Testing

GAS FLOW REPORT

Date 8-20-04 Ticket 2199 Company HARRIS OIL & GAS CO.

Well Name and No. ARTHUR DRACH #1-12 Dst No. 5 Interval Tested 3608 - 3674

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			
¼" ORIFICE				SECOND FLOW		GAS TO SURFACE IN 30 MINUTES INITIAL SHUT-IN
6:46	10	10 IOW				5320 CFPD
6:56	20	12 IOW				5860 CFPD
7:06	30	12 IOW				5860 CFPD
7:16	40	14 IOW				6330 CFPD
7:26	50	8 IOW				4750 CFPD
7:36	60	6 IOW				4120 CFPD

GAS BOTTLE

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

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

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

COMPANY'S NAME _____

Authorized by _____

FORM 6

Pressure Test Report

COMPANY INFORMATION

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

WELL INFORMATION

Well Name	Arthur Drach 1-12
Well Location	12-22S- 13W SW NE NE
Field and Pool	Wildcat
Status (Oil, Gas, Water, Injection)	Oil & Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	AceDrlg. Rig #1
Elevations	
Kelly Bushing (KB)	1890'
Casing Flange (CF)	
KB-CF	
Ground Level	1887'
Plug Back Total Depth	
Total Depth	3674
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST#5 3608' to 3674'
Date(s) of Test	8-20-2004
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	8-20-2004
Date / Time on Bottom	8-20-2004 @ 5:21 AM
Date / Time off Bottom	8-20-2004 @ 9:36AM
Probe Serial Number	Z43
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	3613'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1836.9 psig
Maximum Recorded Probe Temperature	120.2 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	

PROBE INFORMATION

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

PROGRAMMING DETAILS

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

Program Start Time	Aug 20/2004 @ 03:01:02
Program End Time	Aug 20/2004 @ 16:31:02
Total Samples Taken	3076
Usage for this Test	0.1190 Ah
Generic Data File Name	Z43AU20A.GEN

Company Name	Harris Oil & Gas Co.
Well Name	Arthur Drach 1-12
Type of Test	DST#5 3608' to 3674'
Date(s) of Test	8-20-2004

Ricketts Testing

COMMENTS

Reported By James Ricketts

Strong blow 2Mins. Inital Flow Period Gas to surface in 30 mins. inital shut in period. Gauge 5320 CFPD to 4120 CFPD. Recovery, 2704' Free OIL. GR 37

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
Inital HYD				
2004/08/20	05:22:32	2.3583	1760.939	106.594
2004/08/20	05:23:32	2.3750	547.462	107.083
Initial Flow				
2004/08/20	05:25:47	2.4125	460.815	108.106
2004/08/20	05:26:02	2.4167	459.629	108.226
2004/08/20	05:28:32	2.4583	474.033	109.452
2004/08/20	05:31:02	2.5000	497.176	110.671
2004/08/20	05:33:32	2.5417	524.426	111.839
2004/08/20	05:36:02	2.5833	550.878	112.930
2004/08/20	05:38:32	2.6250	568.031	113.927
Initial Flow				
2004/08/20	05:39:02	2.6333	573.306	114.109
2004/08/20	05:41:02	2.6667	881.749	114.789
2004/08/20	05:43:32	2.7083	1094.011	115.585
2004/08/20	05:46:02	2.7500	1108.334	116.244
2004/08/20	05:48:32	2.7917	1116.208	116.739
2004/08/20	05:51:02	2.8333	1121.402	117.108
2004/08/20	05:53:32	2.8750	1129.475	117.379
2004/08/20	05:56:02	2.9167	1134.412	117.579
2004/08/20	05:58:32	2.9583	1137.207	117.732
2004/08/20	06:01:02	3.0000	1139.429	117.846
2004/08/20	06:03:32	3.0417	1141.315	117.936
2004/08/20	06:06:02	3.0833	1142.875	117.997
2004/08/20	06:08:32	3.1250	1144.260	118.035
2004/08/20	06:11:02	3.1667	1145.599	118.062
2004/08/20	06:13:32	3.2083	1146.740	118.078
2004/08/20	06:16:02	3.2500	1147.727	118.072
2004/08/20	06:18:32	3.2917	1148.657	118.071
2004/08/20	06:21:02	3.3333	1149.581	118.054
2004/08/20	06:23:32	3.3750	1150.415	118.038
2004/08/20	06:26:02	3.4167	1151.173	118.009
2004/08/20	06:28:32	3.4583	1151.930	117.981
2004/08/20	06:31:02	3.5000	1152.612	117.939
2004/08/20	06:33:32	3.5417	1153.310	117.901
2004/08/20	06:36:02	3.5833	1153.925	117.858
Inital Buildup				
2004/08/20	06:38:17	3.6208	1153.706	117.819
2004/08/20	06:38:32	3.6250	849.439	117.847
Final Flow				
2004/08/20	06:39:32	3.6417	587.022	117.840
2004/08/20	06:41:02	3.6667	610.306	117.774
2004/08/20	06:43:32	3.7083	652.988	117.687
2004/08/20	06:46:02	3.7500	671.452	117.667
2004/08/20	06:48:32	3.7917	691.791	117.721
2004/08/20	06:51:02	3.8333	711.314	117.865
2004/08/20	06:53:32	3.8750	730.025	118.062
2004/08/20	06:56:02	3.9167	747.712	118.274
2004/08/20	06:58:32	3.9583	765.291	118.504
2004/08/20	07:01:02	4.0000	781.294	118.724

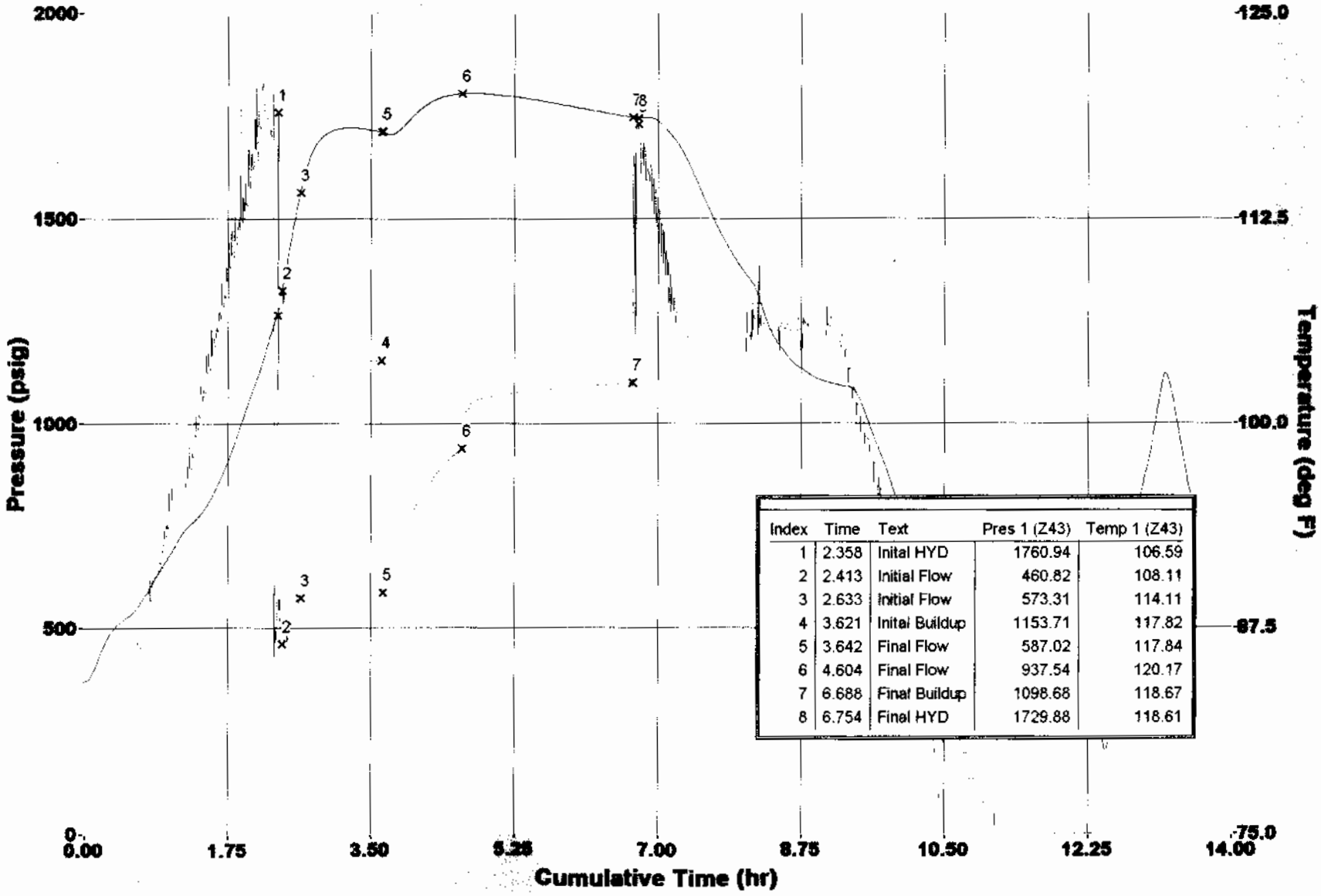
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/08/20	07:03:32	4.0417	796.762	118.940
2004/08/20	07:06:02	4.0833	811.137	119.129
2004/08/20	07:08:32	4.1250	825.415	119.302
2004/08/20	07:11:02	4.1667	838.502	119.457
2004/08/20	07:13:32	4.2083	850.983	119.588
2004/08/20	07:16:02	4.2500	863.019	119.712
2004/08/20	07:18:32	4.2917	874.580	119.811
2004/08/20	07:21:02	4.3333	885.230	119.899
2004/08/20	07:23:32	4.3750	895.194	119.973
2004/08/20	07:26:02	4.4167	904.063	120.025
2004/08/20	07:28:32	4.4583	912.423	120.076
2004/08/20	07:31:02	4.5000	920.213	120.110
2004/08/20	07:33:32	4.5417	927.629	120.141
2004/08/20	07:36:02	4.5833	934.275	120.160
Final Flow				
2004/08/20	07:37:17	4.6042	937.542	120.171
2004/08/20	07:38:32	4.6250	1016.127	120.173
2004/08/20	07:41:02	4.6667	1031.011	120.189
2004/08/20	07:43:32	4.7083	1047.187	120.198
2004/08/20	07:46:02	4.7500	1052.565	120.191
2004/08/20	07:48:32	4.7917	1057.014	120.186
2004/08/20	07:51:02	4.8333	1059.653	120.166
2004/08/20	07:53:32	4.8750	1061.874	120.159
2004/08/20	07:56:02	4.9167	1063.750	120.139
2004/08/20	07:58:32	4.9583	1065.435	120.123
2004/08/20	08:01:02	5.0000	1066.810	120.103
2004/08/20	08:03:32	5.0417	1068.170	120.085
2004/08/20	08:06:02	5.0833	1069.558	120.069
2004/08/20	08:08:32	5.1250	1070.799	120.047
2004/08/20	08:11:02	5.1667	1072.058	120.025
2004/08/20	08:13:32	5.2083	1073.194	120.002
2004/08/20	08:16:02	5.2500	1074.388	119.970
2004/08/20	08:18:32	5.2917	1075.436	119.948
2004/08/20	08:21:02	5.3333	1076.367	119.916
2004/08/20	08:23:32	5.3750	1077.380	119.892
2004/08/20	08:26:02	5.4167	1078.314	119.860
2004/08/20	08:28:32	5.4583	1079.384	119.822
2004/08/20	08:31:02	5.5000	1080.267	119.784
2004/08/20	08:33:32	5.5417	1081.201	119.754
2004/08/20	08:36:02	5.5833	1081.896	119.716
2004/08/20	08:38:32	5.6250	1082.664	119.674
2004/08/20	08:41:02	5.6667	1083.466	119.638
2004/08/20	08:43:32	5.7083	1084.208	119.602
2004/08/20	08:46:02	5.7500	1084.965	119.561
2004/08/20	08:48:32	5.7917	1085.633	119.516
2004/08/20	08:51:02	5.8333	1086.317	119.480
2004/08/20	08:53:32	5.8750	1087.061	119.439
2004/08/20	08:56:02	5.9167	1087.734	119.399
2004/08/20	08:58:32	5.9583	1088.422	119.354
2004/08/20	09:01:02	6.0000	1088.987	119.314

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/08/20	09:03:32	6.0417	1089.643	119.278
2004/08/20	09:06:02	6.0833	1090.299	119.239
2004/08/20	09:08:32	6.1250	1090.892	119.197
2004/08/20	09:11:02	6.1667	1091.460	119.156
2004/08/20	09:13:32	6.2083	1092.085	119.113
2004/08/20	09:16:02	6.2500	1092.908	119.073
2004/08/20	09:18:32	6.2917	1093.555	119.035
2004/08/20	09:21:02	6.3333	1094.160	118.994
2004/08/20	09:23:32	6.3750	1094.674	118.960
2004/08/20	09:26:02	6.4167	1095.209	118.913
2004/08/20	09:28:32	6.4583	1095.691	118.879
2004/08/20	09:31:02	6.5000	1096.396	118.848
2004/08/20	09:33:32	6.5417	1096.866	118.803
2004/08/20	09:36:02	6.5833	1097.387	118.764
2004/08/20	09:38:32	6.6250	1097.915	118.724
2004/08/20	09:41:02	6.6667	1098.468	118.686
Final Buildup				
2004/08/20	09:42:17	6.6875	1098.679	118.666
2004/08/20	09:43:32	6.7083	1631.759	118.611
2004/08/20	09:46:02	6.7500	1736.045	118.607
Final HYD				
2004/08/20	09:46:17	6.7542	1729.876	118.609
2004/08/20	09:48:32	6.7917	1634.527	118.634
2004/08/20	09:51:02	6.8333	1677.848	118.650
2004/08/20	09:53:32	6.8750	1616.014	118.661
2004/08/20	09:56:02	6.9167	1621.856	118.641
2004/08/20	09:58:32	6.9583	1547.153	118.575
2004/08/20	10:01:02	7.0000	1451.988	118.432
2004/08/20	10:03:32	7.0417	1487.854	118.225
2004/08/20	10:06:02	7.0833	1362.969	118.020
2004/08/20	10:08:32	7.1250	1392.571	117.784
2004/08/20	10:11:02	7.1667	1332.176	117.549
2004/08/20	10:13:32	7.2083	1207.204	117.298
2004/08/20	10:16:02	7.2500	1258.793	116.992
2004/08/20	10:18:32	7.2917	1236.916	116.659
2004/08/20	10:21:02	7.3333	1218.405	116.292
2004/08/20	10:23:32	7.3750	1209.334	115.875
2004/08/20	10:26:02	7.4167	1212.505	115.426
2004/08/20	10:28:32	7.4583	1212.332	114.955
2004/08/20	10:31:02	7.5000	1211.577	114.478
2004/08/20	10:33:32	7.5417	1210.899	113.992
2004/08/20	10:36:02	7.5833	1210.355	113.522
2004/08/20	10:38:32	7.6250	1209.987	113.056
2004/08/20	10:41:02	7.6667	1209.694	112.608
2004/08/20	10:43:32	7.7083	1209.414	112.183
2004/08/20	10:46:02	7.7500	1209.227	111.771
2004/08/20	10:48:32	7.7917	1208.998	111.371
2004/08/20	10:51:02	7.8333	1208.822	110.998
2004/08/20	10:53:32	7.8750	1208.719	110.629
2004/08/20	10:56:02	7.9167	1208.593	110.291

Company Name	Harris Oil & Gas Co.
Well Name	Arthur Drach 1-12
Type of Test	DST#5 3608' to 3674'
Date(s) of Test	8-20-2004

Ricketts Testing

8-20-2004 DST #5 Arthur Drach 1-12



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	2.358	Inital HYD	1760.94	106.59
2	2.413	Initial Flow	460.82	108.11
3	2.633	Initial Flow	573.31	114.11
4	3.621	Inital Buildup	1153.71	117.82
5	3.642	Final Flow	587.02	117.84
6	4.604	Final Flow	937.54	120.17
7	6.688	Final Buildup	1098.68	118.67
8	6.754	Final HYD	1729.88	118.61