Ricketts Testing, Inc.

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

Elevation 1887 G.L. Formation LANSING A, B, & C Ticket No. 2195

Date 8-16-04 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by _____ Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 3336 ft. to 3380 ft. Total Depth 3380 ft.

Packer Depth 3336 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3333 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3341 ft. Recorder Number 11027 Cap. 4625

Bottom Recorder Depth (Outside) 3344 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 41 Weight Pipe Length _____ I.D. _____ in.

Weight 8.8 Water Loss 10.4 cc. Drill Pipe Length 2884 I.D. 3.25 in.

Chlorides 4400 P.P.M. Test Tool Length 27 ft. Tool Size 5½ in.

Jars: Make STERLING Serial Number 404 Anchor Length 44 ft. Size 5½ in.

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

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

Blow: STRONG BLOW IN 3 MINUTES INITIAL FLOW PERIOD.
STRONG BLOW FINAL FLOW PERIOD.

Recovered 40 ft. of SLIGHTLY OIL CUT MUD. 1% OIL

Recovered 1357 ft. of GAS IN PIPE.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 12:33 A.M. Time Started Off Bottom 4:03 A M. Maximum Temperature 110°

Initial Hydrostatic Pressure		(A)	1609 P.S.I.	
Initial Flow Period Minutes	15	(B)	18 P.S.I.	to
		(C)	21 P.S.I.	
Initial Closed In Period Minutes	45	(D)	881 P.S.I.	
Final Flow Period Minutes	60	(E)	22 P.S.I.	to
		(F)	26 P.S.I.	
Final Closed In Period Minutes	90	(G)	859 P.S.I.	
Final Hydrostatic Pressure		(H)	1584 P.S.I.	

Pressure Test Report

COMPANY INFORMATION

Company Name	Harris Oil & Gas Co.
Representative	Jeff Zoller
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	Ace Rig #1
Elevations	
Kelly Bushing (KB)	1890' KB
Casing Flange (CF)	
KB-CF	
Ground Level	1887' GL
Plug Back Total Depth	
Total Depth	3380'
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST#1 3336'to 3380'
Date(s) of Test	8-16-2004
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	8-16-2004
Date / Time on Bottom	8-16-2004 @ 12:33 AM
Date / Time off Bottom	8-16-2004 @ 4:03 AM
Probe Serial Number	Z43
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	3341'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1669.3 psig
Maximum Recorded Probe Temperature	110.3 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	Aug 15/2004 @ 22:10:14 .
Program End Time	Aug 16/2004 @ 09:37:14
Total Samples Taken	2584
Usage for this Test	0.1010 Ah
Generic Data File Name	Z43AU16A.GEN

COMMENTS

Reported By James Ricketts

Strong Blow in 3 mins. inital flow period.Strong blow final flow period. Recovery 40' Slightly oil cut mud 1% oil, 1357' gas in pipe.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/08/15	22:10:14	0.0000	28.456	87.976
2004/08/15	22:16:14	0.1000	69.089	88.576
2004/08/15	22:19:14	0.1500	96.666	89.197
2004/08/15	22:25:14	0.2500	182.671	90.324
2004/08/15	22:31:14	0.3500	240.191	91.051
2004/08/15	22:34:14	0.4000	238.134	91.337
2004/08/15	22:40:14	0.5000	323.372	91.724
2004/08/15	22:46:14	0.6000	421.210	92.089
2004/08/15	22:49:14	0.6500	477.525	92.343
2004/08/15	22:55:14	0.7500	627.984	92.968
2004/08/15	22:57:44	0.7917	686.728	93.277
2004/08/15	23:00:14	0.8333	745.063	93.679
2004/08/15	23:02:44	0.8750	820.652	94.132
2004/08/15	23:05:14	0.9167	874.518	94.550
2004/08/15	23:07:44	0.9583	888.438	94.915
2004/08/15	23:10:14	1.0000	880.231	95.243
2004/08/15	23:12:44	1.0417	879.606	95.518
2004/08/15	23:15:14	1.0833	879.014	95.740
2004/08/15	23:17:44	1.1250	878.560	95.909
2004/08/15	23:20:14	1.1667	878.207	96.046
2004/08/15	23:22:44	1.2083	877.881	96.152
2004/08/15	23:25:14	1.2500	877.552	96.244
2004/08/15	23:27:44	1.2917	877.283	96.319
2004/08/15	23:30:14	1.3333	876.973	96.379
2004/08/15	23:32:44	1.3750	876.718	96.417
2004/08/15	23:35:14	1.4167	876.459	96.449
2004/08/15	23:37:44	1.4583	876.192	96.471
2004/08/15	23:40:14	1.5000	875.983	96.480
2004/08/15	23:42:44	1.5417	911.339	96.489
2004/08/15	23:45:14	1.5833	984.463	96.525
2004/08/15	23:47:44	1.6250	1000.548	96.616
2004/08/15	23:50:14	1.6667	1036.225	96.748
2004/08/15	23:52:44	1.7083	1055.900	96.924
2004/08/15	23:55:14	1.7500	1124.640	97.133
2004/08/15	23:57:44	1.7917	1190.022	97.396
2004/08/16	00:00:14	1.8333	1214.298	97.704
2004/08/16	00:02:44	1.8750	1277.870	98.049
2004/08/16	00:05:14	1.9167	1336.702	98.438
2004/08/16	00:07:44	1.9583	1355.342	98.895
2004/08/16	00:10:14	2.0000	1417.122	99.396
2004/08/16	00:12:44	2.0417	1441.418	99.952
2004/08/16	00:15:14	2.0833	1429.192	100.530
2004/08/16	00:17:44	2.1250	1581.871	101.030
2004/08/16	00:20:14	2.1667	1531.632	101.566
2004/08/16	00:22:44	2.2083	1650.219	102.126
2004/08/16	00:25:14	2.2500	1562.633	102.767
2004/08/16	00:27:44	2.2917	1557.933	103.383
2004/08/16	00:30:14	2.3333	1555.345	103.896
2004/08/16	00:32:44	2.3750	1590.155	104.315
Inital HYD				

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/08/16	00:35:14	2.4167	1609.888	104.695
Initial Flow				
2004/08/16	00:36:44	2.4417	18.154	105.157
2004/08/16	00:37:44	2.4583	18.201	105.258
2004/08/16	00:40:14	2.5000	18.877	105.588
2004/08/16	00:42:44	2.5417	19.466	105.976
2004/08/16	00:45:14	2.5833	20.269	106.351
2004/08/16	00:47:44	2.6250	20.519	106.682
Initial Flow				
2004/08/16	00:50:14	2.6667	21.009	106.968
2004/08/16	00:52:44	2.7083	89.324	107.177
2004/08/16	00:55:14	2.7500	165.420	107.344
2004/08/16	00:57:44	2.7917	237.909	107.488
2004/08/16	01:00:14	2.8333	306.476	107.609
2004/08/16	01:02:44	2.8750	370.587	107.726
2004/08/16	01:05:14	2.9167	430.760	107.821
2004/08/16	01:07:44	2.9583	486.768	107.901
2004/08/16	01:10:14	3.0000	539.003	107.980
2004/08/16	01:12:44	3.0417	587.114	108.055
2004/08/16	01:15:14	3.0833	631.674	108.117
2004/08/16	01:17:44	3.1250	672.317	108.178
2004/08/16	01:20:14	3.1667	709.527	108.234
2004/08/16	01:22:44	3.2083	743.627	108.284
2004/08/16	01:25:14	3.2500	774.572	108.331
2004/08/16	01:27:44	3.2917	802.772	108.383
2004/08/16	01:30:14	3.3333	828.438	108.426
2004/08/16	01:32:44	3.3750	851.752	108.469
2004/08/16	01:35:14	3.4167	873.182	108.513
Inital Buildup				
2004/08/16	01:36:29	3.4375	881.529	108.532
2004/08/16	01:37:44	3.4583	20.501	108.748
Final Flow				
2004/08/16	01:38:44	3.4750	22.049	108.741
2004/08/16	01:40:14	3.5000	23.690	108.752
2004/08/16	01:42:44	3.5417	22.394	108.786
2004/08/16	01:45:14	3.5833	22.585	108.840
2004/08/16	01:47:44	3.6250	23.254	108.892
2004/08/16	01:50:14	3.6667	23.571	108.937
2004/08/16	01:52:44	3.7083	23.722	108.984
2004/08/16	01:55:14	3.7500	23.950	109.027
2004/08/16	01:57:44	3.7917	24.260	109.062
2004/08/16	02:00:14	3.8333	24.531	109.099
2004/08/16	02:02:44	3.8750	24.660	109.137
2004/08/16	02:05:14	3.9167	24.922	109.170
2004/08/16	02:07:44	3.9583	25.185	109.195
2004/08/16	02:10:14	4.0000	25.382	109.225
2004/08/16	02:12:44	4.0417	25.527	109.258
2004/08/16	02:15:14	4.0833	25.687	109.285
2004/08/16	02:17:44	4.1250	25.853	109.312
2004/08/16	02:20:14	4.1667	25.944	109.341

Company Name	Harris Oil & Gas Co.
Well Name	Arthur Drach 1- 12
Type of Test	DST#1 3336'to 3380'
Date(s) of Test	8-16-2004

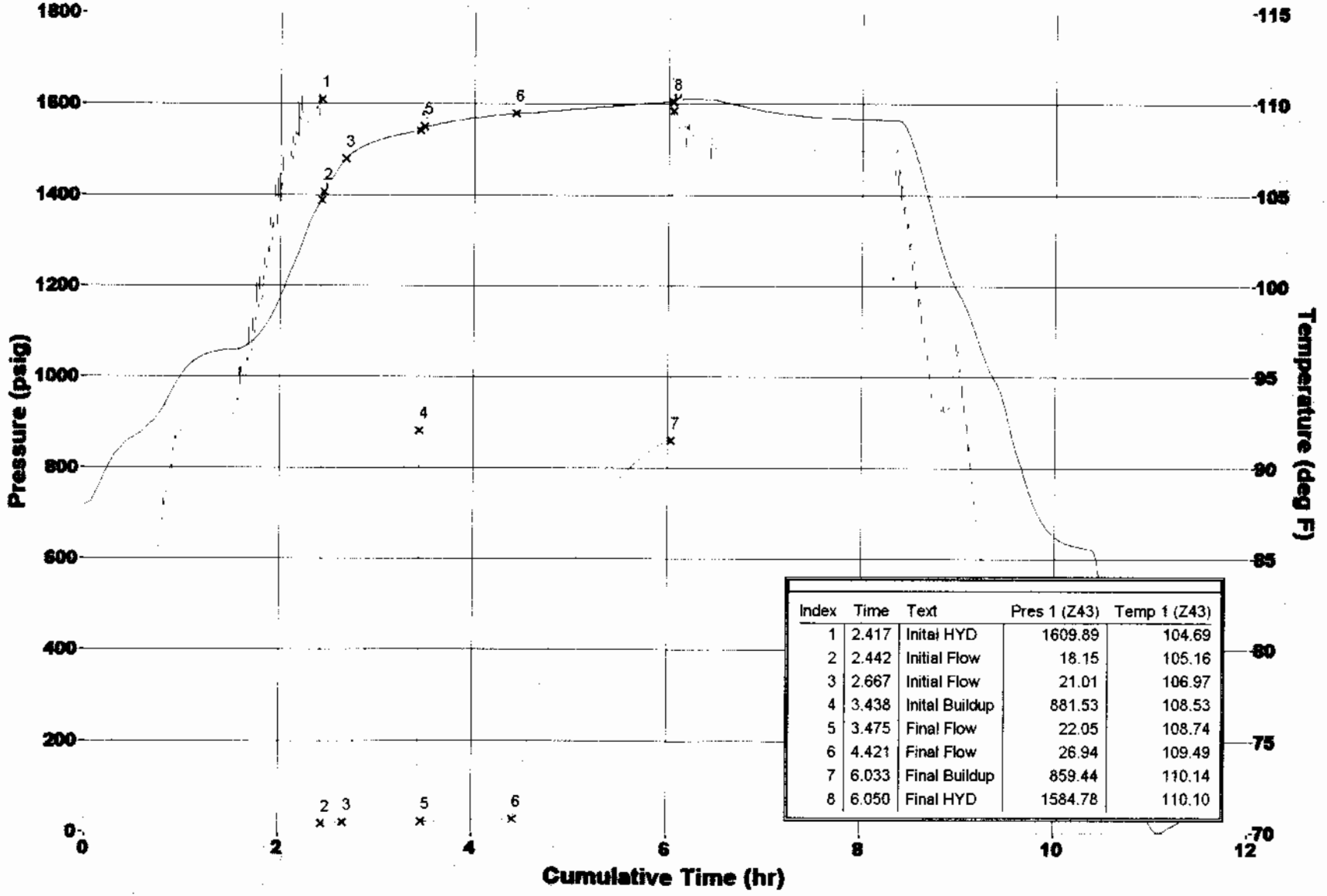
Ricketts Testing

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/08/16	02:22:44	4.2083	26.162	109.364
2004/08/16	02:25:14	4.2500	26.303	109.389
2004/08/16	02:27:44	4.2917	26.499	109.411
2004/08/16	02:30:14	4.3333	26.562	109.436
2004/08/16	02:32:44	4.3750	26.695	109.459
2004/08/16	02:35:14	4.4167	26.825	109.486
Final Flow				
2004/08/16	02:35:29	4.4208	26.941	109.492
2004/08/16	02:37:44	4.4583	73.644	109.485
2004/08/16	02:40:14	4.5000	120.170	109.495
2004/08/16	02:42:44	4.5417	166.064	109.506
2004/08/16	02:45:14	4.5833	210.562	109.521
2004/08/16	02:47:44	4.6250	253.732	109.535
2004/08/16	02:50:14	4.6667	295.643	109.551
2004/08/16	02:52:44	4.7083	335.832	109.576
2004/08/16	02:55:14	4.7500	374.289	109.594
2004/08/16	02:57:44	4.7917	411.077	109.616
2004/08/16	03:00:14	4.8333	445.826	109.639
2004/08/16	03:02:44	4.8750	478.598	109.659
2004/08/16	03:05:14	4.9167	509.410	109.679
2004/08/16	03:07:44	4.9583	538.305	109.699
2004/08/16	03:10:14	5.0000	565.215	109.724
2004/08/16	03:12:44	5.0417	590.285	109.742
2004/08/16	03:15:14	5.0833	613.722	109.765
2004/08/16	03:17:44	5.1250	635.729	109.782
2004/08/16	03:20:14	5.1667	656.017	109.796
2004/08/16	03:22:44	5.2083	674.856	109.819
2004/08/16	03:25:14	5.2500	692.328	109.834
2004/08/16	03:27:44	5.2917	708.527	109.854
2004/08/16	03:30:14	5.3333	723.584	109.873
2004/08/16	03:32:44	5.3750	737.510	109.891
2004/08/16	03:35:14	5.4167	750.643	109.908
2004/08/16	03:37:44	5.4583	762.610	109.926
2004/08/16	03:40:14	5.5000	773.720	109.942
2004/08/16	03:42:44	5.5417	784.060	109.960
2004/08/16	03:45:14	5.5833	793.639	109.976
2004/08/16	03:47:44	5.6250	802.533	109.992
2004/08/16	03:50:14	5.6667	810.810	110.010
2004/08/16	03:52:44	5.7083	818.473	110.025
2004/08/16	03:55:14	5.7500	825.608	110.037
2004/08/16	03:57:44	5.7917	832.351	110.053
2004/08/16	04:00:14	5.8333	838.619	110.070
2004/08/16	04:02:44	5.8750	844.431	110.086
2004/08/16	04:05:14	5.9167	849.908	110.102
2004/08/16	04:07:44	5.9583	855.030	110.115
2004/08/16	04:10:14	6.0000	859.864	110.134
Final Buildup				
2004/08/16	04:12:14	6.0333	859.437	110.140
2004/08/16	04:12:44	6.0417	1570.129	110.091
Final HYD				

Company Name	Harris Oil & Gas Co.
Well Name	Arthur Drach 1- 12
Type of Test	DST#1 3336'to 3380'
Date(s) of Test	8-16-2004

Ricketts Testing

08-16-2004 DST#1 Authur Drach 1-12



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	2.417	Inital HYD	1609.89	104.69
2	2.442	Initial Flow	18.15	105.16
3	2.667	Initial Flow	21.01	106.97
4	3.438	Inital Buildup	881.53	108.53
5	3.475	Final Flow	22.05	108.74
6	4.421	Final Flow	26.94	109.49
7	6.033	Final Buildup	859.44	110.14
8	6.050	Final HYD	1584.78	110.10

Ricketts Testing, Inc.

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

Elevation 1890 K.B. Formation LANSING E-G Ticket No. 2196

Date 8-16-04 Sec. 12 Twp. 22S Range 13W County STAFFORD State KS

Test Approved by _____ Ricketts Representative JIM RICKETTS

Formation Test No. 2 Interval Tested from 3390 ft. to 3420 ft. Total Depth 3420 ft.

Packer Depth 3390 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3387 ft Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3395 ft. Recorder Number 11027 Cap. 4625

Bottom Recorder Depth (Outside) 3398 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 44 Weight Pipe Length _____ I.D. _____ in.

Weight 9.8 Water Loss 9.6 cc. Drill Pipe Length 2938 I.D. 3.25 in.

Chlorides 3600 P.P.M. Test Tool Length 27 ft. Tool Size 5½ in.

Jars: Make STERLING Serial Number 404 Anchor Length 30 ft. Size 5½ in.

Did Well Flow? YES 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. GAS TO SURFACE IN 5 MINUTES INITIAL FLOW PERIOD, GAUGED 76,000 CFPD. FINAL FLOW GAUGED 14,100 TO 6,270 CFPD. WELL FLOWED OIL IN 30 MINUTES FINAL SHUT-IN.

Recovered 1339 ft. of FREE OIL.

Recovered 122 ft. of OIL CUT WATER.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 53,000 PPM. SLID TOOL 4' TO BOTTOM.

Time Set Packer (s) 8:15 PM. Time Started Off Bottom 12:30 AM. Maximum Temperature 113°

Initial Hydrostatic Pressure	(A)	1615	P.S.I.	
Initial Flow Period Minutes 15	(B)	171	P.S.I.	to
	(C)	189	P.S.I.	
Initial Closed In Period Minutes 60	(D)	925	P.S.I.	
Final Flow Period Minutes 60	(E)	239	P.S.I.	to
	(F)	433	P.S.I.	
Final Closed In Period Minutes 120	(G)	845	P.S.I.	
Final Hydrostatic Pressure	(H)	1572	P.S.I.	

Ricketts Testing

GAS FLOW REPORT

Date 8-16-04 Ticket 2196 Company HARRIS OIL & GAS CO.

Well Name and No. ARTHUR DRACH #1-12 Dst No. 2 Interval Tested 3390 - 3420

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
1¼" ORIFICE				**PRE FLOW**		GAS TO SURFACE IN 5 MINUTES
8:30	15	3 IOW				76,000 CFPD
1/2" ORIFICE				**SECOND FLOW**		
9:40	10	5 IOW				14,100 CFPD
9:50	20	4 IOW				12,500 CFPD
10:00	30	3 IOW				10,900 CFPD
10:10	40	2 IOW				8,870 CFPD
10:20	50	1 IOW				6,270 CFPD
10:30	60	1 IOW				6,270 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 Zoller
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	Ace Drlg. Rig #1
Elevations	
Kelly Bushing (KB)	1890'KB
Casing Flange (CF)	
KB-CF	
Ground Level	1887'GL
Plug Back Total Depth	
Total Depth	3420'
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST#2 3390' to 3420'
Date(s) of Test	8-16-2004
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	8-16-2004
Date / Time on Bottom	8-16-2004 @ 8:15 PM
Date / Time off Bottom	8-16-2004 @ 12:30 AM
Probe Serial Number	Z43
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	3395'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1647.2 psig
Maximum Recorded Probe Temperature	114.2 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 16/2004 @ 18:29:00 .
Program End Time	Aug 17/2004 @ 05:43:00
Total Samples Taken	2532
Usage for this Test	0.0920 Ah
Generic Data File Name	Z43AU17A.GEN

Company Name	Harris Oil & Gas Co.
Well Name	Arthur Drach 1-12
Type of Test	DST#2 3390' to 3420'
Date(s) of Test	8-16-2004

Ricketts Testing

COMMENTS

Reported By James Ricketts

Strong blow Gas to surface in 5 mins. inital flow period.Gauged 76,000 CFPD .Gauge 14,100CFPD to 6270 CFPD Final flow period.Well flow oil in 30 mins. final shut in period. Recovery 1339 Free oil, 122'oil cut water DST FL. Chloride 53,000 PPM. Slid tool 4' to bottom.

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/08/16	18:29:00	0.0000	39.513	94.307
2004/08/16	18:35:00	0.1000	96.243	94.096
2004/08/16	18:41:00	0.2000	181.684	93.706
2004/08/16	18:47:00	0.3000	239.174	92.883
2004/08/16	18:50:00	0.3500	301.923	92.458
2004/08/16	18:53:00	0.4000	386.130	92.057
2004/08/16	18:56:00	0.4500	503.490	91.755
2004/08/16	18:59:00	0.5000	508.531	91.600
2004/08/16	19:02:00	0.5500	598.585	91.558
2004/08/16	19:05:00	0.6000	619.859	91.645
2004/08/16	19:11:00	0.7000	734.133	92.217
2004/08/16	19:15:00	0.7667	725.859	92.723
2004/08/16	19:17:00	0.8000	725.498	92.926
2004/08/16	19:19:00	0.8333	725.214	93.099
2004/08/16	19:21:00	0.8667	764.350	93.240
2004/08/16	19:23:00	0.9000	793.514	93.373
2004/08/16	19:25:00	0.9333	852.979	93.506
2004/08/16	19:27:00	0.9667	882.171	93.639
2004/08/16	19:29:00	1.0000	916.494	93.767
2004/08/16	19:31:00	1.0333	942.044	93.897
2004/08/16	19:33:00	1.0667	1001.894	94.041
2004/08/16	19:35:00	1.1000	1045.419	94.230
2004/08/16	19:37:00	1.1333	1083.918	94.451
2004/08/16	19:39:00	1.1667	1116.224	94.717
2004/08/16	19:41:00	1.2000	1177.431	94.995
2004/08/16	19:43:00	1.2333	1235.810	95.317
2004/08/16	19:45:00	1.2667	1286.158	95.675
2004/08/16	19:47:00	1.3000	1486.880	96.073
2004/08/16	19:49:00	1.3333	1378.678	96.543
2004/08/16	19:51:00	1.3667	1487.785	97.047
2004/08/16	19:53:00	1.4000	1465.620	97.603
2004/08/16	19:55:00	1.4333	1527.381	98.195
2004/08/16	19:57:00	1.4667	1552.567	98.809
2004/08/16	19:59:00	1.5000	1582.244	99.446
2004/08/16	20:01:00	1.5333	1569.694	100.090
2004/08/16	20:03:00	1.5667	1565.922	100.670
2004/08/16	20:05:00	1.6000	1564.031	101.163
2004/08/16	20:07:00	1.6333	1562.366	101.597
2004/08/16	20:09:00	1.6667	1560.317	101.935
2004/08/16	20:11:00	1.7000	1583.453	102.236
2004/08/16	20:13:00	1.7333	1604.920	102.540
2004/08/16	20:15:00	1.7667	1635.267	102.837
Inital HYD				
2004/08/16	20:16:00	1.7833	1615.840	102.988
2004/08/16	20:17:00	1.8000	278.296	103.298
2004/08/16	20:19:00	1.8333	172.801	103.660
Initial Flow				
2004/08/16	20:19:15	1.8375	171.422	103.705
2004/08/16	20:21:00	1.8667	178.304	104.047
2004/08/16	20:23:00	1.9000	171.796	104.463

Company Name	Harris Oil & Gas Co.
Well Name	Arthur Drach 1-12
Type of Test	DST#2 3390' to 3420'
Date(s) of Test	8-16-2004

Ricketts Testing

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/08/16	20:25:00	1.9333	171.455	104.850
2004/08/16	20:27:00	1.9667	174.131	105.242
2004/08/16	20:29:00	2.0000	178.541	105.598
2004/08/16	20:31:00	2.0333	184.844	105.930
Initial Flow				
2004/08/16	20:32:00	2.0500	189.345	106.092
2004/08/16	20:33:00	2.0667	205.562	106.264
2004/08/16	20:35:00	2.1000	598.017	106.632
2004/08/16	20:37:00	2.1333	688.935	107.218
2004/08/16	20:39:00	2.1667	731.101	107.812
2004/08/16	20:41:00	2.2000	760.631	108.343
2004/08/16	20:43:00	2.2333	782.936	108.795
2004/08/16	20:45:00	2.2667	800.426	109.182
2004/08/16	20:47:00	2.3000	814.534	109.517
2004/08/16	20:49:00	2.3333	826.137	109.796
2004/08/16	20:51:00	2.3667	835.963	110.041
2004/08/16	20:53:00	2.4000	844.405	110.269
2004/08/16	20:55:00	2.4333	851.808	110.460
2004/08/16	20:57:00	2.4667	858.701	110.644
2004/08/16	20:59:00	2.5000	865.571	110.806
2004/08/16	21:01:00	2.5333	871.820	110.950
2004/08/16	21:03:00	2.5667	877.696	111.085
2004/08/16	21:05:00	2.6000	882.828	111.204
2004/08/16	21:07:00	2.6333	887.904	111.310
2004/08/16	21:09:00	2.6667	892.433	111.405
2004/08/16	21:11:00	2.7000	896.741	111.492
2004/08/16	21:13:00	2.7333	900.532	111.571
2004/08/16	21:15:00	2.7667	904.162	111.645
2004/08/16	21:17:00	2.8000	907.015	111.708
2004/08/16	21:19:00	2.8333	910.300	111.767
2004/08/16	21:21:00	2.8667	913.247	111.819
2004/08/16	21:23:00	2.9000	915.949	111.870
2004/08/16	21:25:00	2.9333	918.400	111.916
2004/08/16	21:27:00	2.9667	920.809	111.954
2004/08/16	21:29:00	3.0000	922.982	111.990
2004/08/16	21:31:00	3.0333	924.921	112.021
Inital Buildup				
2004/08/16	21:32:30	3.0583	925.968	112.041
2004/08/16	21:33:00	3.0667	315.056	112.127
Final Flow				
2004/08/16	21:34:45	3.0958	239.088	112.149
2004/08/16	21:35:00	3.1000	238.455	112.143
2004/08/16	21:37:00	3.1333	242.807	112.122
2004/08/16	21:39:00	3.1667	253.960	112.145
2004/08/16	21:41:00	3.2000	262.481	112.210
2004/08/16	21:43:00	3.2333	269.214	112.311
2004/08/16	21:45:00	3.2667	276.819	112.428
2004/08/16	21:47:00	3.3000	285.037	112.554
2004/08/16	21:49:00	3.3333	293.380	112.674
2004/08/16	21:51:00	3.3667	300.906	112.798

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/08/16	21:53:00	3.4000	307.339	112.915
2004/08/16	21:55:00	3.4333	313.733	113.013
2004/08/16	21:57:00	3.4667	319.709	113.110
2004/08/16	21:59:00	3.5000	326.300	113.200
2004/08/16	22:01:00	3.5333	334.327	113.275
2004/08/16	22:03:00	3.5667	341.426	113.340
2004/08/16	22:05:00	3.6000	349.615	113.409
2004/08/16	22:07:00	3.6333	355.367	113.466
2004/08/16	22:09:00	3.6667	362.288	113.520
2004/08/16	22:11:00	3.7000	368.549	113.572
2004/08/16	22:13:00	3.7333	374.428	113.619
2004/08/16	22:15:00	3.7667	380.678	113.659
2004/08/16	22:17:00	3.8000	386.880	113.698
2004/08/16	22:19:00	3.8333	391.409	113.742
2004/08/16	22:21:00	3.8667	397.188	113.769
2004/08/16	22:23:00	3.9000	402.420	113.799
2004/08/16	22:25:00	3.9333	408.068	113.823
2004/08/16	22:27:00	3.9667	415.122	113.848
2004/08/16	22:29:00	4.0000	417.866	113.868
2004/08/16	22:31:00	4.0333	424.251	113.887
2004/08/16	22:33:00	4.0667	427.082	113.911
Final Flow				
2004/08/16	22:34:30	4.0917	433.576	113.920
2004/08/16	22:35:00	4.1000	499.420	113.914
2004/08/16	22:37:00	4.1333	611.021	113.925
2004/08/16	22:39:00	4.1667	642.675	113.961
2004/08/16	22:41:00	4.2000	662.807	114.006
2004/08/16	22:43:00	4.2333	678.338	114.046
2004/08/16	22:45:00	4.2667	691.151	114.076
2004/08/16	22:47:00	4.3000	701.945	114.098
2004/08/16	22:49:00	4.3333	711.252	114.118
2004/08/16	22:51:00	4.3667	719.501	114.134
2004/08/16	22:53:00	4.4000	726.823	114.147
2004/08/16	22:55:00	4.4333	733.343	114.147
2004/08/16	22:57:00	4.4667	739.322	114.150
2004/08/16	22:59:00	4.5000	744.772	114.152
2004/08/16	23:01:00	4.5333	749.831	114.150
2004/08/16	23:03:00	4.5667	754.456	114.141
2004/08/16	23:05:00	4.6000	758.708	114.136
2004/08/16	23:07:00	4.6333	762.648	114.127
2004/08/16	23:09:00	4.6667	766.323	114.116
2004/08/16	23:11:00	4.7000	769.787	114.107
2004/08/16	23:13:00	4.7333	772.879	114.093
2004/08/16	23:15:00	4.7667	775.820	114.084
2004/08/16	23:17:00	4.8000	778.753	114.071
2004/08/16	23:19:00	4.8333	781.530	114.062
2004/08/16	23:21:00	4.8667	784.185	114.048
2004/08/16	23:23:00	4.9000	786.705	114.037
2004/08/16	23:25:00	4.9333	789.102	114.028
2004/08/16	23:27:00	4.9667	791.392	114.012

Company Name	Harris Oil & Gas Co.
Well Name	Arthur Drach 1-12
Type of Test	DST#2 3390' to 3420'
Date(s) of Test	8-16-2004

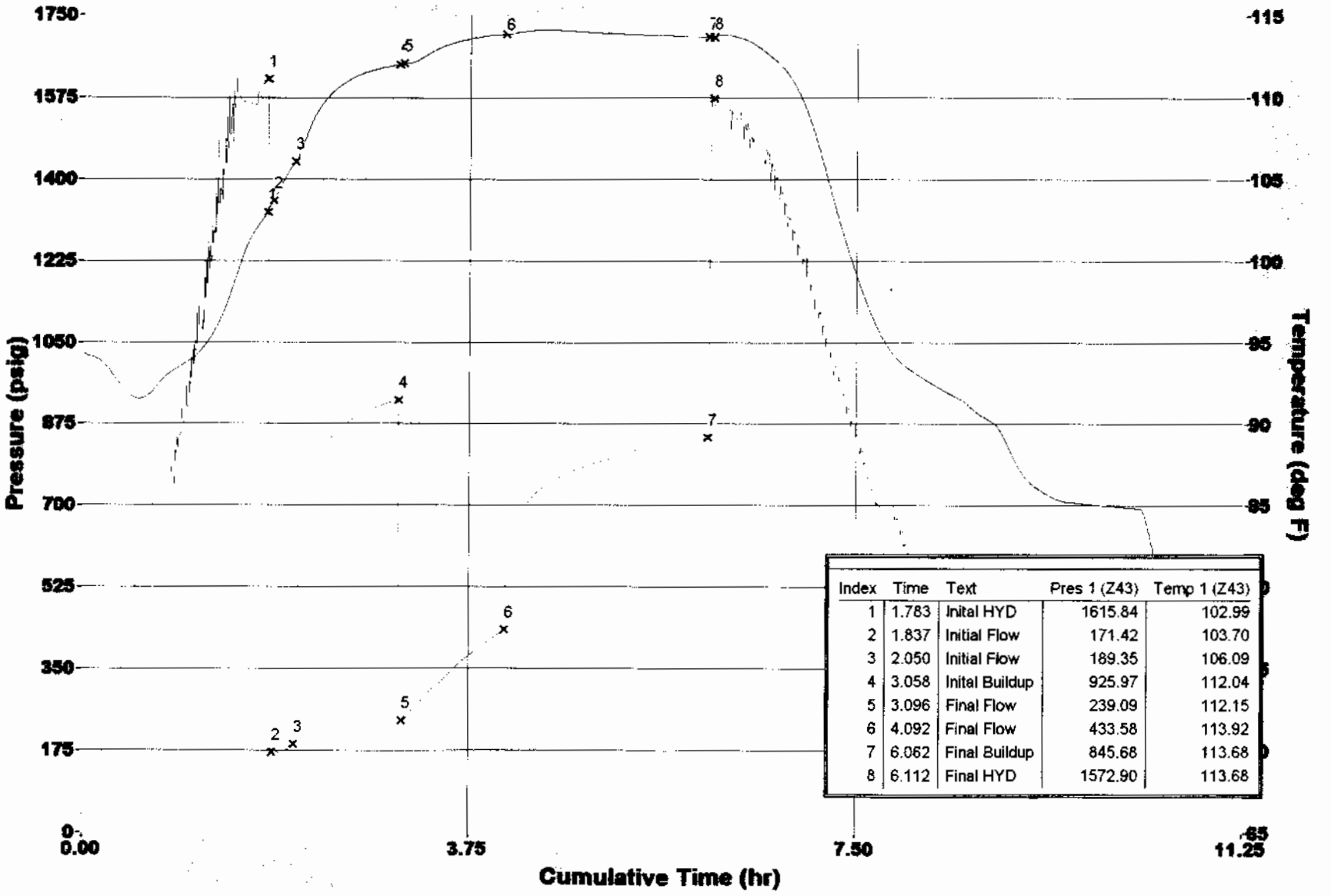
Rickells Testing

Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/08/16	23:29:00	5.0000	793.571	114.001
2004/08/16	23:31:00	5.0333	795.703	113.988
2004/08/16	23:33:00	5.0667	797.795	113.974
2004/08/16	23:35:00	5.1000	799.981	113.958
2004/08/16	23:37:00	5.1333	802.327	113.943
2004/08/16	23:39:00	5.1667	805.038	113.932
2004/08/16	23:41:00	5.2000	807.845	113.918
2004/08/16	23:43:00	5.2333	810.510	113.902
2004/08/16	23:45:00	5.2667	812.972	113.887
2004/08/16	23:47:00	5.3000	815.178	113.875
2004/08/16	23:49:00	5.3333	817.252	113.859
2004/08/16	23:51:00	5.3667	819.223	113.846
2004/08/16	23:53:00	5.4000	821.077	113.828
2004/08/16	23:55:00	5.4333	822.850	113.810
2004/08/16	23:57:00	5.4667	824.516	113.797
2004/08/16	23:59:00	5.5000	826.120	113.788
2004/08/17	00:01:00	5.5333	827.610	113.774
2004/08/17	00:03:00	5.5667	829.079	113.763
2004/08/17	00:05:00	5.6000	830.487	113.752
2004/08/17	00:07:00	5.6333	831.845	113.747
2004/08/17	00:09:00	5.6667	833.167	113.742
2004/08/17	00:11:00	5.7000	834.423	113.731
2004/08/17	00:13:00	5.7333	835.657	113.724
2004/08/17	00:15:00	5.7667	836.820	113.716
2004/08/17	00:17:00	5.8000	837.958	113.716
2004/08/17	00:19:00	5.8333	839.062	113.711
2004/08/17	00:21:00	5.8667	840.128	113.707
2004/08/17	00:23:00	5.9000	841.114	113.700
2004/08/17	00:25:00	5.9333	842.144	113.698
2004/08/17	00:27:00	5.9667	843.076	113.689
2004/08/17	00:29:00	6.0000	844.014	113.693
2004/08/17	00:31:00	6.0333	844.918	113.689
Final Buildup				
2004/08/17	00:32:45	6.0625	845.685	113.684
2004/08/17	00:33:00	6.0667	845.807	113.688
2004/08/17	00:35:00	6.1000	1572.572	113.643
Final HYD				
2004/08/17	00:35:45	6.1125	1572.896	113.680
2004/08/17	00:37:00	6.1333	1558.998	113.740
2004/08/17	00:39:00	6.1667	1557.866	113.799
2004/08/17	00:41:00	6.2000	1557.154	113.819
2004/08/17	00:43:00	6.2333	1556.659	113.812
2004/08/17	00:45:00	6.2667	1555.588	113.787
2004/08/17	00:47:00	6.3000	1536.589	113.745
2004/08/17	00:49:00	6.3333	1530.279	113.700
2004/08/17	00:51:00	6.3667	1529.344	113.646
2004/08/17	00:53:00	6.4000	1500.292	113.585
2004/08/17	00:55:00	6.4333	1505.894	113.502
2004/08/17	00:57:00	6.4667	1455.716	113.400
2004/08/17	00:59:00	6.5000	1485.407	113.279

Company Name	Harris Oil & Gas Co.
Well Name	Arthur Drach 1-12
Type of Test	DST#2 3390' to 3420'
Date(s) of Test	8-16-2004

Ricketts Testing

8-16-2004 DST#2 Arthur Drach 1-12



Index	Time	Text	Pres 1 (Z43)	Temp 1 (Z43)
1	1.783	Inital HYD	1615.84	102.99
2	1.837	Initial Flow	171.42	103.70
3	2.050	Initial Flow	189.35	106.09
4	3.058	Inital Buildup	925.97	112.04
5	3.096	Final Flow	239.09	112.15
6	4.092	Final Flow	433.58	113.92
7	6.062	Final Buildup	845.68	113.68
8	6.112	Final HYD	1572.90	113.68