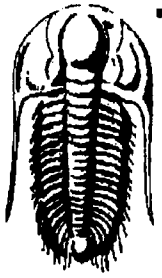


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

4 22 12 Stafford KS

Teichman #1

Start Date: 2007.10.06 @ 19:00:44
End Date: 2007.10.07 @ 02:05:44
Job Ticket #: 30560 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

Teichman #1

4 22 12 Stafford KS

Job Ticket: 30560 **DST#: 1**

Test Start: 2007.10.06 @ 19:00:44

GENERAL INFORMATION:

Formation: **LKC "H-J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:00:14
Time Test Ended: 02:05:44

Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 21

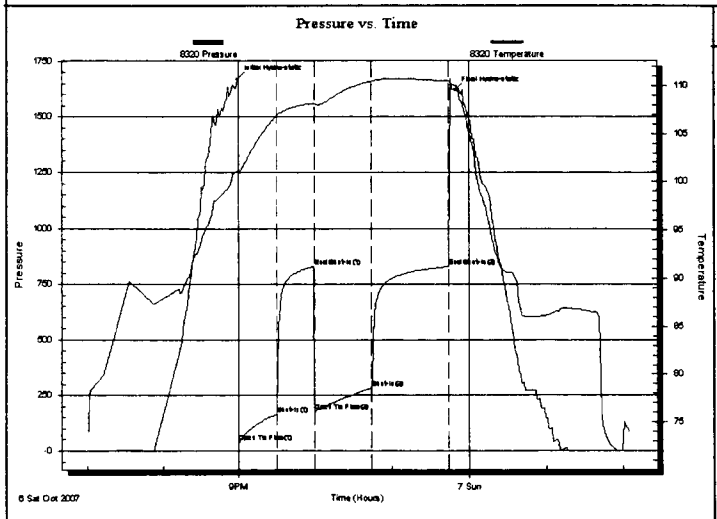
Interval: 3424.00 ft (KB) To 3482.00 ft (KB) (TVD)
Total Depth: 3482.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1873.00 ft (KB)
1864.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8320 **Inside**
Press@RunDepth: 281.98 psig @ 3429.00 ft (KB)
Start Date: 2007.10.06 End Date: 2007.10.07
Start Time: 19:00:45 End Time: 02:05:44

Capacity: 7000.00 psig
Last Calib.: 2007.10.07
Time On Btm: 2007.10.06 @ 20:59:14
Time Off Btm: 2007.10.06 @ 23:49:14

TEST COMMENT: IFP BOB in 5 sec
ISI Weak blow back built to 8.5 "
FFP BOB in 6 min
FSI Weak blow back built to 6 " died to 3.5 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1669.74	101.04	Initial Hydro-static
1	39.18	100.95	Open To Flow (1)
31	164.34	106.82	Shut-In(1)
61	829.63	108.13	End Shut-In(1)
61	179.05	108.07	Open To Flow (2)
105	281.98	110.42	Shut-In(2)
166	828.97	110.45	End Shut-In(2)
170	1620.53	110.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
480.00	Water	4.80
120.00	MW 90%W 10%M	1.70
20.00	WM 40%W 60%M	0.28

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

Teichman #1

4 22 12 Stafford KS

Job Ticket: 30560 **DST#: 1**

Test Start: 2007.10.06 @ 19:00:44

Tool Information

Drill Pipe:	Length:	3220.00 ft	Diameter:	3.82 inches	Volume:	45.64 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	216.00 ft	Diameter:	2.25 inches	Volume:	1.06 bbl	Weight to Pull Loose:		70000.00 lb
					Total Volume:	46.70 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		33.00 ft					String Weight:	Initial	60000.00 lb
Depth to Top Packer:		3424.00 ft						Final	62000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		58.00 ft							
Tool Length:		79.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3404.00		
Shut In Tool	5.00			3409.00		
Hydraulic tool	5.00			3414.00		
Packer	5.00			3419.00	21.00	Bottom Of Top Packer
Packer	5.00			3424.00		
Stubb	1.00			3425.00		
Perforations	3.00			3428.00		
Change Over Sub	1.00			3429.00		
Recorder	0.00	8320	Inside	3429.00		
Blank Spacing	32.00			3461.00		
Change Over Sub	1.00			3462.00		
Perforations	17.00			3479.00		
Recorder	0.00	6246	Inside	3479.00		
Bullnose	3.00			3482.00	58.00	Bottom Packers & Anchor
Total Tool Length:	**79.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

Teichman #1

4 22 12 Stafford KS

Job Ticket: 30560 **DST#: 1**

Test Start: 2007.10.06 @ 19:00:44

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	52000 ppm
Viscosity:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5200.00 ppm				
Filter Cake:	inches				

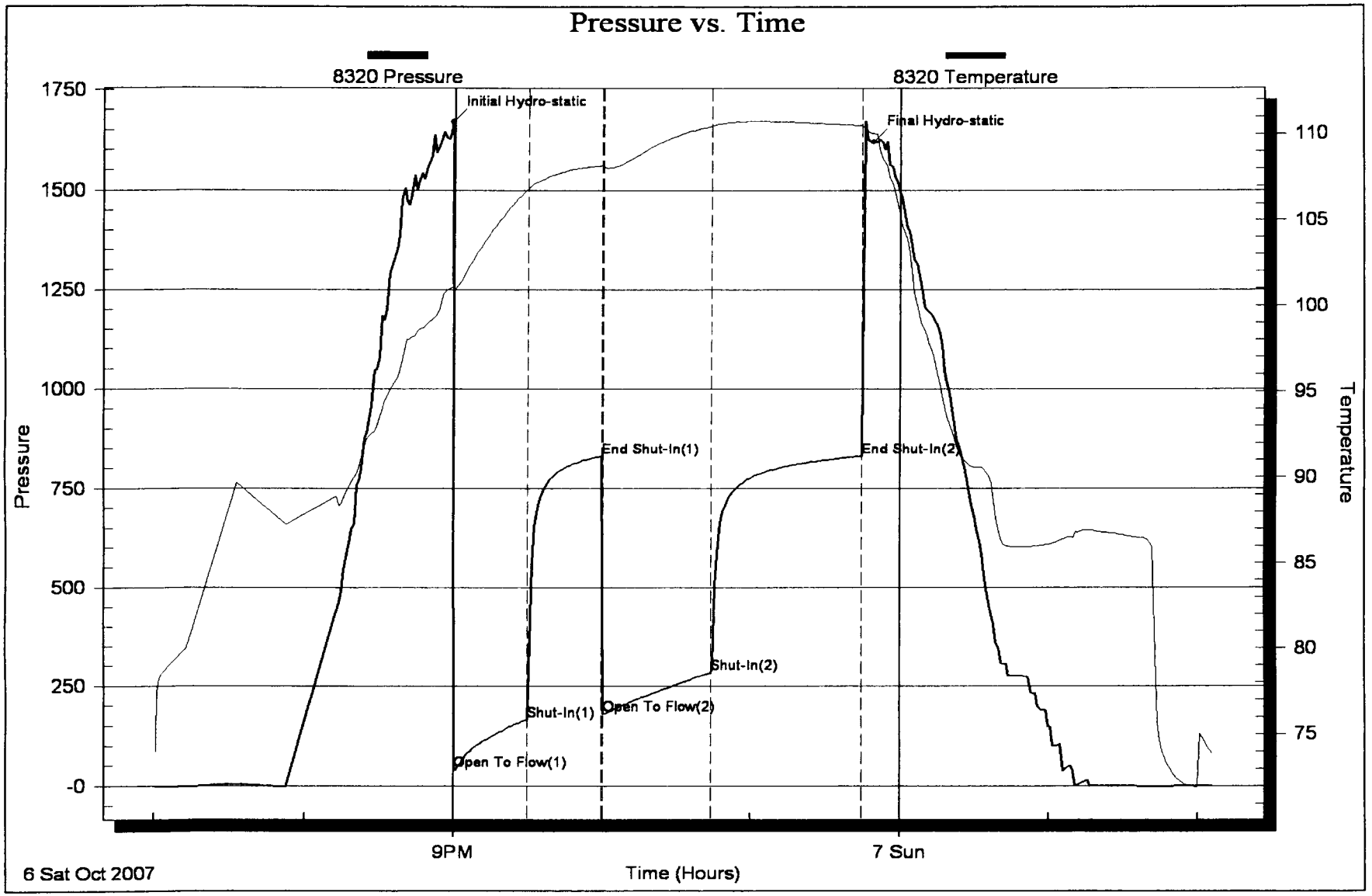
Recovery Information

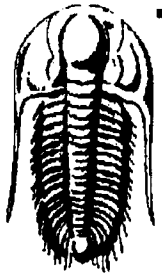
Recovery Table

Length ft	Description	Volume bbl
480.00	Water	4.805
120.00	MW 90%W 10%M	1.701
20.00	WM 40%W 60%M	0.284

Total Length: 620.00 ft Total Volume: 6.790 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8320 Pressure
8320 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
-0
110
105
100
95
90
85
80
75
9PM
7 Sun
6 Sat Oct 2007
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

4 22 12 Stafford KS

Teichman #1

Start Date: 2007.10.07 @ 18:35:34
End Date: 2007.10.08 @ 03:39:04
Job Ticket #: 30561 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

Teichman #1

4 22 12 Stafford KS

Job Ticket: 30561 **DST#: 2**

Test Start: 2007.10.07 @ 18:35:34

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:12:04
Time Test Ended: 03:39:04

Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 21

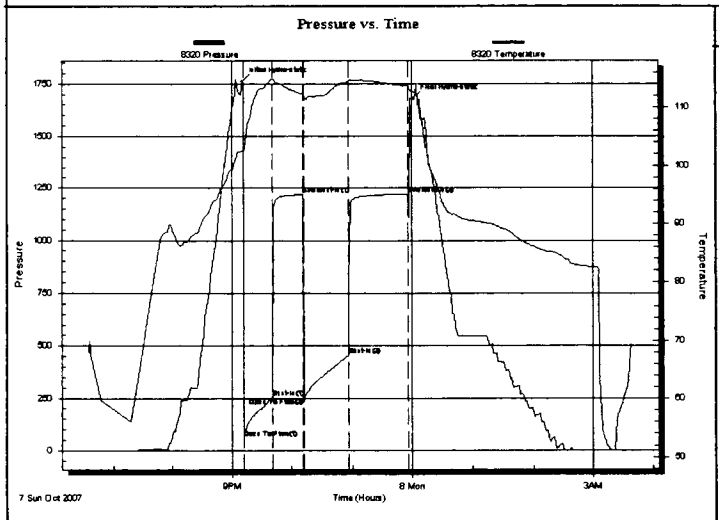
Interval: 3594.00 ft (KB) To 3657.00 ft (KB) (TVD)
Total Depth: 3657.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1873.00 ft (KB)
1864.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8320 **Inside**
Press@RunDepth: 454.85 psig @ 3599.00 ft (KB)
Start Date: 2007.10.07 End Date: 2007.10.08
Start Time: 18:35:35 End Time: 03:39:04

Capacity: 7000.00 psig
Last Calib.: 2007.10.08
Time On Btm: 2007.10.07 @ 21:10:34
Time Off Btm: 2007.10.08 @ 00:01:04

TEST COMMENT: IFP BOB in 3 min
ISI BOB in 7 min
FFP BOB in 4 min
FSI BOB in 18 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1760.88	102.54	Initial Hydro-static
2	58.34	102.63	Open To Flow (1)
30	253.16	114.83	Shut-In(1)
61	1219.32	112.23	End Shut-In(1)
62	252.44	111.86	Open To Flow (2)
106	454.85	114.35	Shut-In(2)
166	1220.24	113.57	End Shut-In(2)
171	1677.27	112.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	GOW 50%G,10%O,40%W	1.52
248.00	GOCMW 50%G,10%O,30%W,10%M	3.52
372.00	GOCWM 50%G 10%O 10%W 20%M	5.27
124.00	GHOCM 50%G 25%O 28%M	1.76
124.00	GCO 50%G 50%O	1.76
0.00	1364 ' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

Teichman #1

4 22 12 Stafford KS

Job Ticket: 30561 **DST#: 2**

Test Start: 2007.10.07 @ 18:35:34

Tool Information

Drill Pipe:	Length:	3380.00 ft	Diameter:	3.82 inches	Volume:	47.91 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	216.00 ft	Diameter:	2.25 inches	Volume:	1.06 bbl	Weight to Pull Loose:		75000.00 lb
					Total Volume:	48.97 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		23.00 ft					String Weight:	Initial	64000.00 lb
Depth to Top Packer:		3594.00 ft						Final	68000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		63.00 ft							
Tool Length:		84.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3574.00		
Shut In Tool	5.00			3579.00		
Hydraulic tool	5.00			3584.00		
Packer	5.00			3589.00	21.00	Bottom Of Top Packer
Packer	5.00			3594.00		
Stubb	1.00			3595.00		
Perforations	3.00			3598.00		
Change Over Sub	1.00			3599.00		
Recorder	0.00	8320	Inside	3599.00		
Blank Spacing	32.00			3631.00		
Change Over Sub	1.00			3632.00		
Perforations	22.00			3654.00		
Recorder	0.00	6246	Inside	3654.00		
Bullnose	3.00			3657.00	63.00	Bottom Packers & Anchor
Total Tool Length:	**84.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc

PO Box 252
Great Bend KS 67530

ATTN: Josh Austin

Teichman #1

4 22 12 Stafford KS

Job Ticket: 30561 **DST#: 2**

Test Start: 2007.10.07 @ 18:35:34

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	40 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	43.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.18 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6800.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

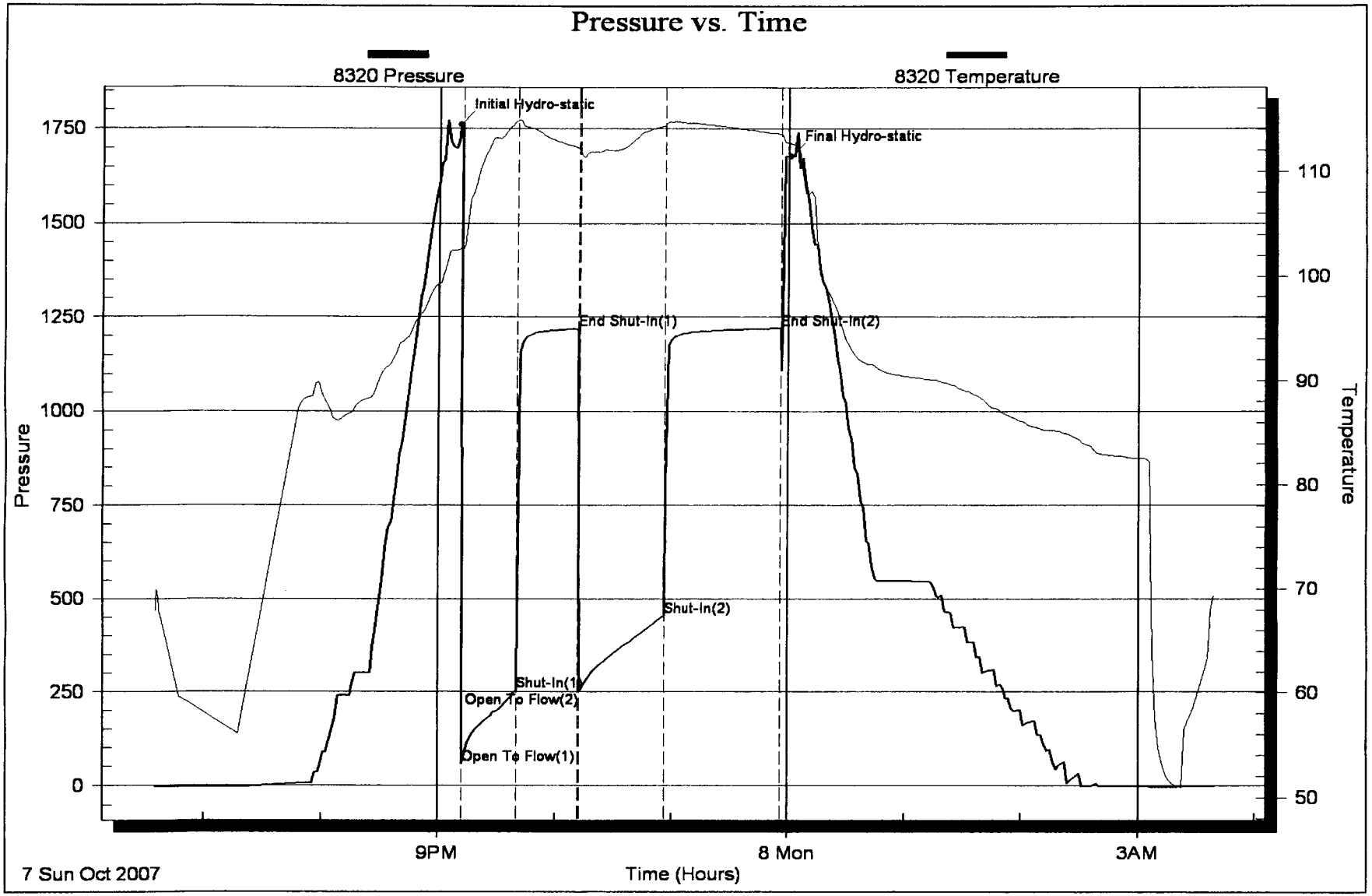
Length ft	Description	Volume bbl
248.00	GOW 50%G,10%O,40%W	1.516
248.00	GOCMW 50%G,10%O,30%W,10%M	3.516
372.00	GOCWM 50%G 10%O 10%W 20%M	5.273
124.00	GHOCM 50%G 25%O 28%M	1.758
124.00	GCO 50%G 50%O	1.758
0.00	1364 ' GIP	0.000

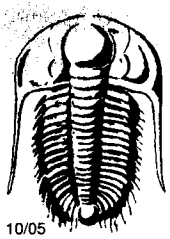
Total Length: 1116.00 ft Total Volume: 13.821 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8320 Pressure
8320 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow(2)
Open To Flow(1)
1750
1500
1250
1000
750
500
250
0
Pressure
110
100
90
80
70
60
50
Temperature
9PM
8 Mon
3AM
7 Sun Oct 2007
Time (Hours)



10/05

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

30560

10737

RECEIVED
OCT 8 2007
BY: _____

Test Ticket

Well Name & No. Teichman #1 Test No. 1 Date 10-6-07

Company Chartan Energy Zone Tested LKC "H-J"

Address PO Box 252 Great Bend, KS 67530 Elevation 1873 KB 1864 GL

Co. Rep / Geo. Josh Austin Rig Sterling #4

Location: Sec. 4 Twp. 22 S Rge. 12 W Co. Stafford State KS

Comment: _____ Release date / time: _____

Interval Tested 3424 - 3482 Initial Str Wt./Lbs. 60000 Unseated Str Wt/Lbs. 62000

Anchor Length 58' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 70000

Top Packer Depth 3419 Tool Weight 2200

Bottom Packer Depth 3424 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3482 Wt. Pipe Run — Drill Collar Run 286

Mud Wt. 9.1 LCM — Vis. 46 WL 10.8 Drill Pipe Size 4½ XH Ft. Run 3220

Blow Description IFP - BOB in 5 sec
ISI - Weak blow back built to 8.5"
FFP - BOB in 6 min
FSI - Weak blow back built to 6" died to 3.5"

Recovery - Total Feet 610 GIP _____ Ft. in DC _____ Ft. in DP _____

Rec. 20	Feet of WM	%gas	%oil	40 %water	60 %mud	
Rec. 120	Feet of MW	%gas	%oil	90 %water	10 %mud	
Rec. 480	Feet of Water	%gas	%oil	%water	%mud	
Rec.	Feet of	%gas	%oil	%water	%mud	
Rec.	Feet of	%gas	%oil	%water	%mud	

BHT 110 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW .14 @ 73 °F Chlorides 52000 ppm Recovery _____ Chlorides 5200 ppm System

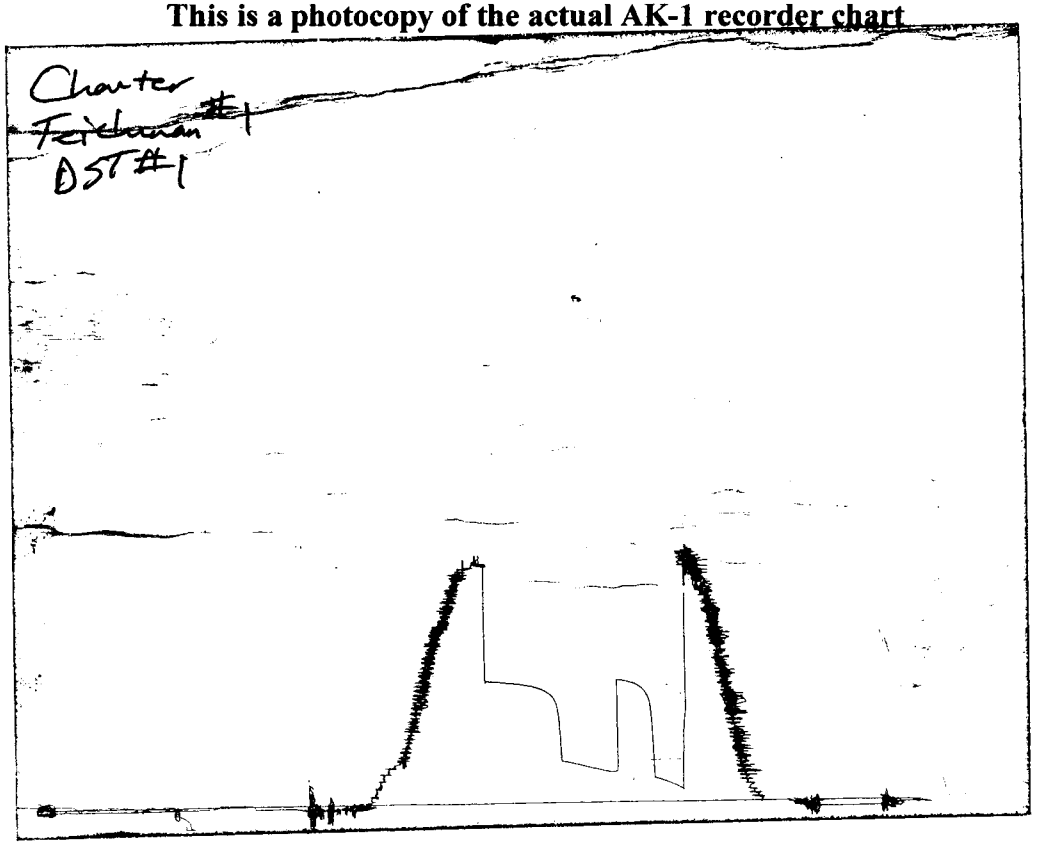
	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1690	PSI	Recorder No.	8320	Test X	1100
(B) First Initial Flow Pressure		39	PSI	(depth)	3429	Jars	
(C) First Final Flow Pressure		144	PSI	Recorder No.	6246	Safety Jt.	
(D) Initial Shut-In Pressure		830	PSI	(depth)	3479	Circ Sub	
(E) Second Initial Flow Pressure		179	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		282	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		829	PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1621	PSI	Initial Shut-In	30	Shale Packer	
				Final Flow	45	Ruined Packer	
				Final Shut-In	60	Mileage x 1	95.
				T-On Location	17:15	Sub Total:	
				T-Started	19:00	Std. By	
				T-Open	21:00	Acc. Chg:	
				T-Pulled	23:45	Other:	
				T-Out	2:05	Total:	1195

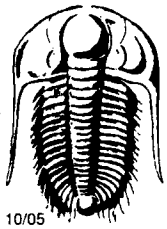
Approved By _____

Our Representative Josh Austin

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart





10/05

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

30561

RECEIVED

OCT 8 2007

BY: _____

Test Ticket

Well Name & No. Teichmann #1 Test No. 2 Date 10-7-07

Company Chesapeake Energy Zone Tested Arbuckle

Address PO Box 252 Great Bend, KS 67530 Elevation 1873 KB 1864 GL

Co. Rep / Geo. Josh Austin Rig Sterling #4

Location: Sec. 4 Twp. 22S Rge. 12W Co. Stafford State KS

Comment: _____ Release date / time: _____

Interval Tested 3594 - 3657 Initial Str Wt./Lbs. 64000 Unseated Str Wt/Lbs. 68000

Anchor Length 63 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 75000

Top Packer Depth 3589 Tool Weight 2200

Bottom Packer Depth 3594 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3657 Wt. Pipe Run — Drill Collar Run 216

Mud Wt. 9.1 LCM — Vis. 43 WL 10.2 Drill Pipe Size 4½ XH Ft. Run 3380

Blow Description IFP - BOB in 3 min
ISI - BOB in 7 min
FFP - BOB in 4 min
FSI - BOB in 18 min

Recovery - Total Feet 1116 GIP 1364 Ft. in DC _____ Ft. in DP _____

Rec. 124	Feet of GCO	50 %gas	50 %oil	%water	%mud
Rec. 124	Feet of GHOCM	50 %gas	25 %oil	%water	25 %mud
Rec. 372	Feet of GOCWM	50 %gas	10 %oil	10 %water	30 %mud
Rec. 248	Feet of GOCMW	50 %gas	10 %oil	30 %water	10 %mud
Rec. 248	Feet of GOW	50 %gas	10 %oil	40 %water	%mud

BHT 114 °F Gravity ~~39~~ °API D @ 50 °F Corrected Gravity 40 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 6800 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		1761 PSI	Recorder No.	6320	Test X	1100
(B) First Initial Flow Pressure		58 PSI	(depth)	3599	Jars	
(C) First Final Flow Pressure		253 PSI	Recorder No.	6246	Safety Jt.	
(D) Initial Shut-In Pressure		1219 PSI	(depth)	3654	Circ Sub	
(E) Second Initial Flow Pressure		252 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		455 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1220 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1677 PSI	Initial Shut-In	30	Shale Packer	
			Final Flow	45	Ruined Packer	
			Final Shut-In	60	Mileage X 76	95
			T-On Location	16:15 ~~18:15~~	Sub Total:	
			T-Started	18:35 ~~18:35~~	Std. By 2hr	~~200~~
			T-Open	21:11 21:11	Acc. Chg:	
			T-Pulled	23:56 23:56	Other:	
			T-Out	3:39 3:39	Total:	$1395

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____

Our Representative _____

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart