

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc.**

Po Box 20380
Wichita, KS. 67208

ATTN: Marvin Harvey

32-34-14-Barber

Farley #7

Start Date: 2004.07.16 @ 11:14:17
End Date: 2004.07.16 @ 18:42:02
Job Ticket #: 19510 DST #: 1

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

DRILL STEM TEST REPORT

Berexco Inc.

Po Box 20380
Wichita, KS. 67208

ATTN: Marvin Harvey

Farley #7

32-34-14-Barber

Job Ticket: 19510 **DST#: 1**

Test Start: 2004.07.16 @ 11:14:17

GENERAL INFORMATION:

Formation: **Hertha**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:16:37
Time Test Ended: 18:42:02

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 24

Interval: 4548.00 ft (KB) To 4596.00 ft (KB) (TVD)
Total Depth: 4596.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

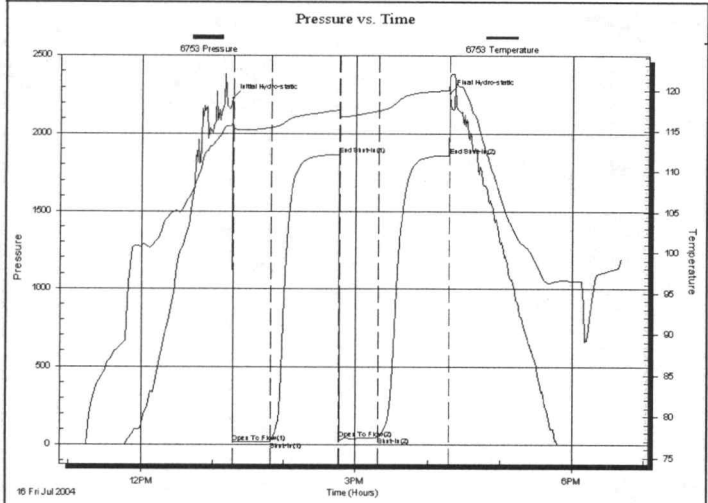
Reference Elevations: 1503.00 ft (KB)
1491.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 49.84 psig @ 4556.00 ft (KB)
Start Date: 2004.07.16 End Date: 2004.07.16
Start Time: 11:14:47 End Time: 18:42:02

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2004.07.16 @ 13:16:27
Time Off Btm: 2004.07.16 @ 16:17:56

TEST COMMENT: IFP-Weak Blow , Built to 1/2"
ISI-No Blow back
FFP-No Blow
FSI-No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2227.71	115.98	Initial Hydro-static
1	17.29	115.17	Open To Flow (1)
33	22.85	115.43	Shut-In(1)
89	1866.09	117.61	End Shut-In(1)
90	38.69	116.99	Open To Flow (2)
123	49.84	117.47	Shut-In(2)
181	1860.91	119.99	End Shut-In(2)
182	2257.63	121.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Muddy Water	0.22

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc.

Po Box 20380
Wichita, KS. 67208

ATTN: Marvin Harvey

Farley #7

32-34-14-Barber

Job Ticket: 19510 **DST#: 1**

Test Start: 2004.07.16 @ 11:14:17

Tool Information

Drill Pipe:	Length:	4356.00 ft	Diameter:	3.80 inches	Volume:	61.10 bbl	Tool Weight:		3000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	186.00 ft	Diameter:	2.25 inches	Volume:	0.91 bbl	Weight to Pull Loose:		74000.00 lb
					Total Volume:	62.01 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		17.00 ft					String Weight:	Initial	71000.00 lb
Depth to Top Packer:		4548.00 ft						Final	71000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		53.00 ft							
Tool Length:		76.00 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			4526.00		
Shut In Tool	5.00			4531.00		
Hydraulic tool	5.00			4536.00		
Jars	5.00			4541.00		
Safety Joint	2.00			4543.00		
Packer	5.00			4548.00	23.00	Bottom Of Top Packer
Packer - Shale	5.00			4553.00		
Stubb	1.00			4554.00		
Perforations	1.00			4555.00		
Change Over Sub	1.00			4556.00		
Recorder	0.00	6753	Inside	4556.00		
Blank Spacing	31.00			4587.00		
Change Over Sub	1.00			4588.00		
Perforations	10.00			4598.00		
Recorder	0.00	13252	Outside	4598.00		
Bullnose	3.00			4601.00	53.00	Anchor Tool
Total Tool Length:	**76.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc.

Po Box 20380
Wichita, KS. 67208

ATTN: Marvin Harvey

Farley #7

32-34-14-Barber

Job Ticket: 19510 **DST#: 1**

Test Start: 2004.07.16 @ 11:14:17

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:	27000 ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.59 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	2.00 inches				

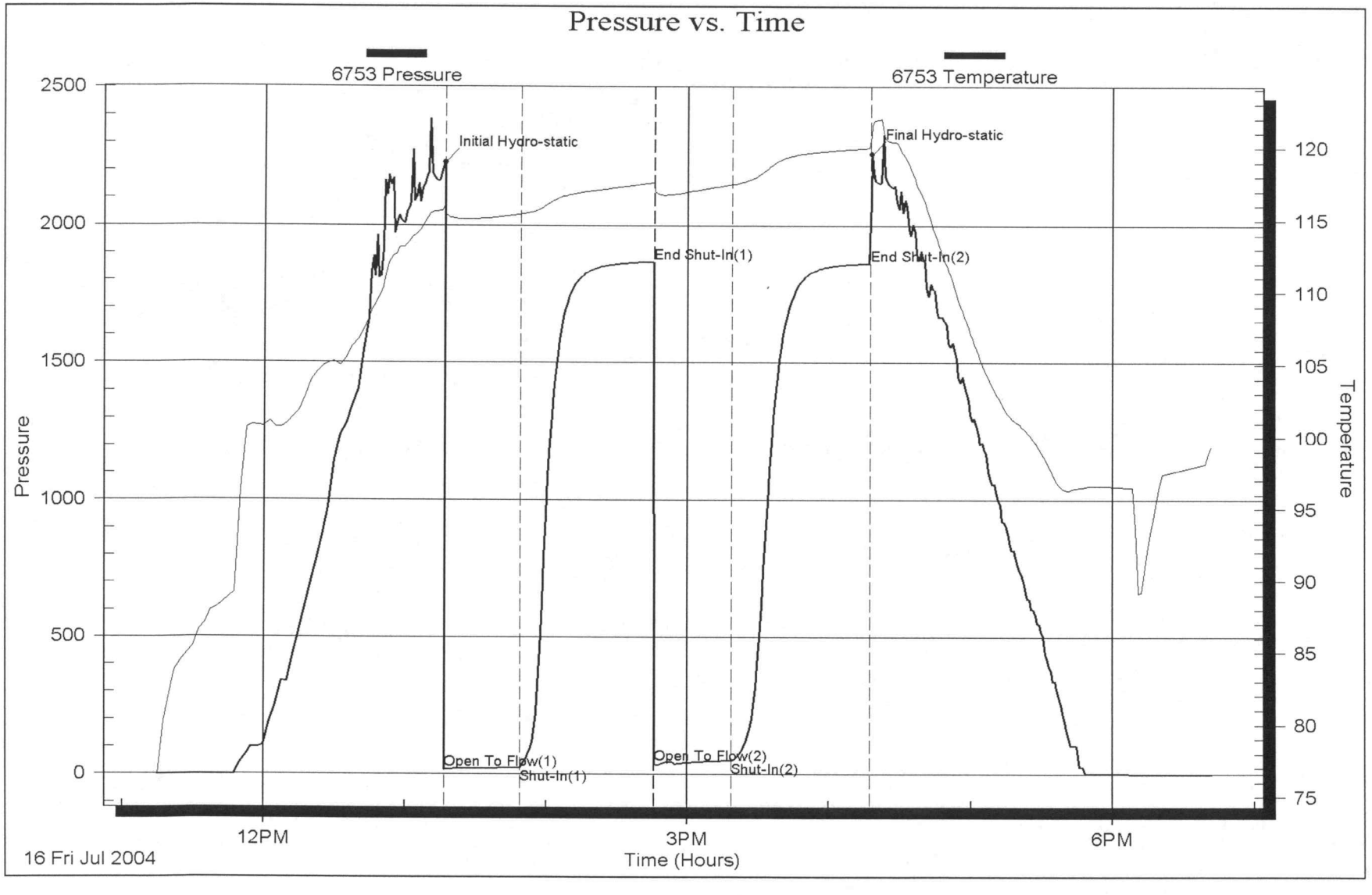
Recovery Information

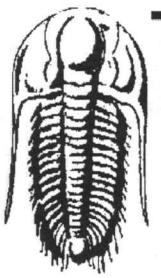
Recovery Table

Length ft	Description	Volume bbl
45.00	Muddy Water	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl

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


Pressure vs. Time
6753 Pressure
6753 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2500
2000
1500
1000
500
0
120
115
110
105
100
95
90
85
80
75
12PM
3PM
6PM
16 Fri Jul 2004
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc.**

Po Box 20380
Wichita, KS. 67208

ATTN: Marvin Harvey

32-34-14-Barber

Farley #7

Start Date: 2004.07.17 @ 13:26:54
End Date: 2004.07.17 @ 21:53:09
Job Ticket #: 19511 DST #: 2

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Berexco Inc.

Po Box 20380
Wichita, KS. 67208

ATTN: Marvin Harvey

Farley #7

32-34-14-Barber

Job Ticket: 19511 **DST#: 2**

Test Start: 2004.07.17 @ 13:26:54

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:56:24
Time Test Ended: 21:53:09

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 24

Interval: 4756.00 ft (KB) To 4791.00 ft (KB) (TVD)
Total Depth: 4791.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

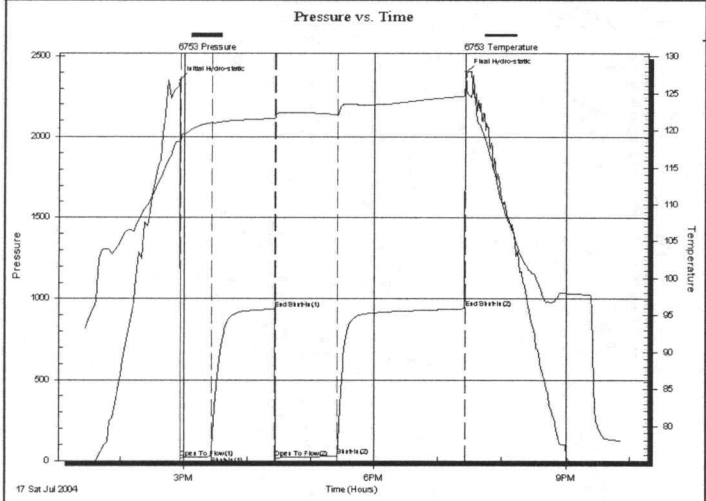
Reference Elevations: 1503.00 ft (KB)
1491.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 26.74 psig @ 4763.00 ft (KB)
Start Date: 2004.07.17 End Date: 2004.07.17
Start Time: 13:27:24 End Time: 21:53:09

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2004.07.17 @ 14:55:54
Time Off Btm: 2004.07.17 @ 19:26:14

TEST COMMENT: IFP- Good Blow , BOB in 7 min, Blew strong after 13 min.
ISI No Blow back
FFP-Strong Blow , BOB on Opening, Gas to Surface in 50 min.
FSI- No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2348.84	118.60	Initial Hydro-static
1	18.23	118.15	Open To Flow (1)
30	25.82	121.04	Shut-In(1)
90	937.92	121.62	End Shut-In(1)
91	17.59	121.93	Open To Flow (2)
150	26.74	122.08	Shut-In(2)
270	940.80	124.68	End Shut-In(2)
271	2399.84	126.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc.

Po Box 20380
Wichita, KS. 67208

ATTN: Marvin Harvey

Farley #7

32-34-14-Barber

Job Ticket: 19511 **DST#: 2**

Test Start: 2004.07.17 @ 13:26:54

Tool Information

Drill Pipe:	Length:	4573.00 ft	Diameter:	3.80 inches	Volume:	64.15 bbl	Tool Weight:		2400.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	186.00 ft	Diameter:	2.25 inches	Volume:	0.91 bbl	Weight to Pull Loose:		76000.00 lb
					Total Volume:	65.06 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		26.00 ft					String Weight:	Initial	72000.00 lb
Depth to Top Packer:		4756.00 ft						Final	72000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		40.00 ft							
Tool Length:		63.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:
Softw are w ont recognize shale packer as bottom packer, interval betw een packers is actually 35' instead of 40'

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4734.00		
Shut In Tool	5.00			4739.00		
Hydraulic tool	5.00			4744.00		
Jars	5.00			4749.00		
Safety Joint	2.00			4751.00		
Packer	5.00			4756.00	23.00	Bottom Of Top Packer
Packer - Shale	5.00			4761.00		
Stubb	1.00			4762.00		
Perforations	1.00			4763.00		
Recorder	0.00	6753	Inside	4763.00		
Perforations	30.00			4793.00		
Recorder	0.00	13252	Outside	4793.00		
Bullnose	3.00			4796.00	40.00	Anchor Tool
Total Tool Length:	**63.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc.

Po Box 20380
Wichita, KS. 67208

ATTN: Marvin Harvey

Farley #7

32-34-14-Barber

Job Ticket: 19511 **DST#: 2**

Test Start: 2004.07.17 @ 13:26:54

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:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.59 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

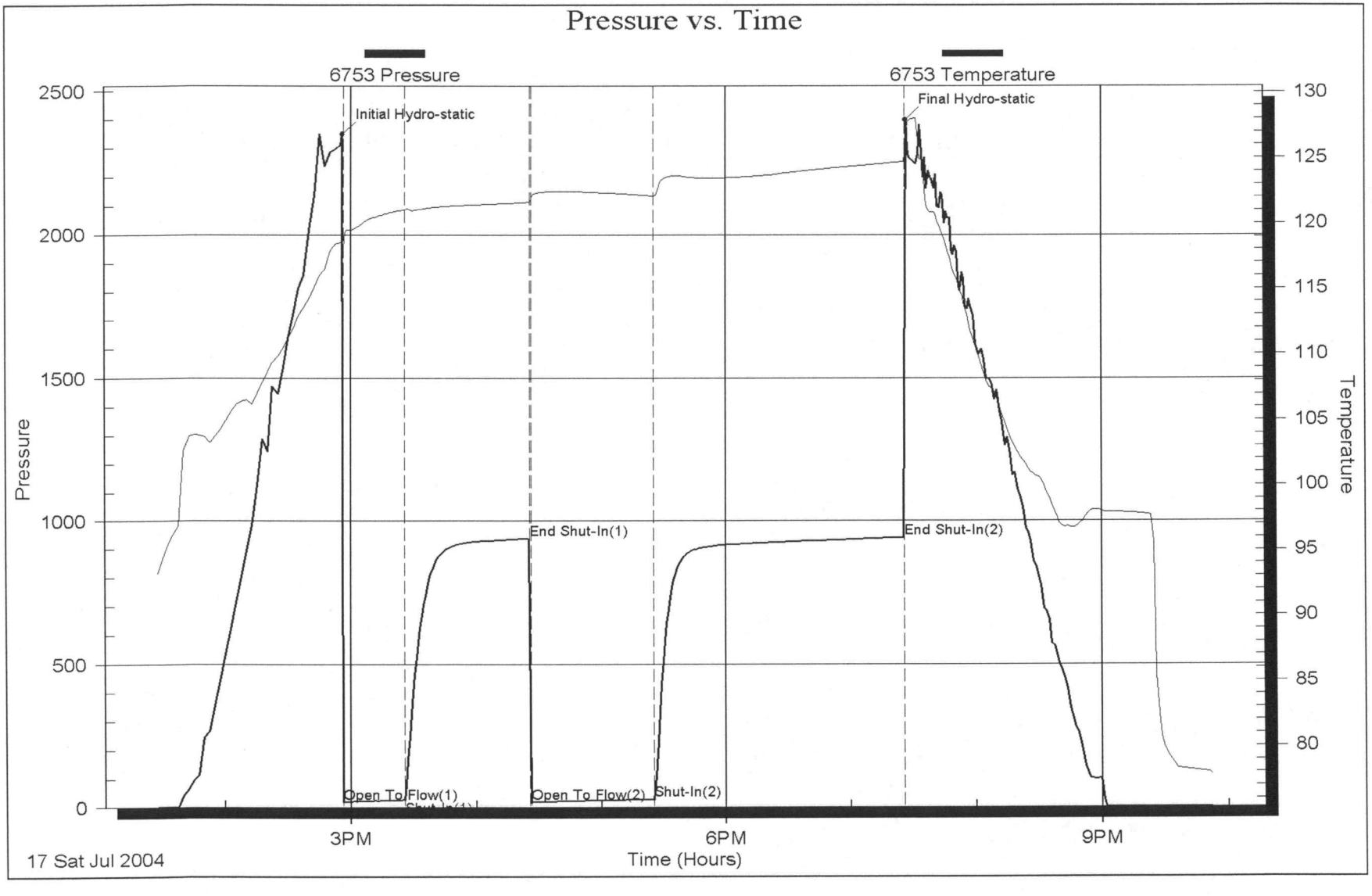
Length ft	Description	Volume bbl
10.00	Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6753 Pressure
6753 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2500
2000
1500
1000
500
0
130
125
120
115
110
105
100
95
90
85
80
3PM
6PM
9PM
17 Sat Jul 2004
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 0602

№ 19510

05/03

Test Ticket

Well Name & No. Farley #7 Test No. 1 Date 7-16-04

Company Berexco Inc. Zone Tested Hertha

Address Po Box 20380, Wichita, Ks, 67208 Elevation 1503 KB 1491 GL

Co. Rep / Geo. Marvin Harvey Cont. Duke #7 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 32 Twp. 34 Rge. 14 Co. Barber State Ks

No. of Copies Reg. Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4548 - 4596 Initial Str Wt./Lbs. 71,000 Unseated Str Wt/Lbs. 71,000

Anchor Length 48' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 74,000

Top Packer Depth 4543 Tool Weight 3,000

Bottom Packer Depth 4548 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 4596 Wt. Pipe Run 0 Drill Collar Run 186

Mud Wt. 9.1 LCM 3# Vis. 52 WL 9.6 Drill Pipe Size 4½ XH Ft. Run _____

Blow Description IFP - Weak Blow, Built to ½"

ISI - No Blowback

FFP - No Blow

FSI - No Blowback

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

Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 120° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW .186 @ 95° °F Chlorides 27,000 ppm Recovery _____ Chlorides 3,000 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		2228	PSI	Recorder No.	6753	Test ✓
(B) First Initial Flow Pressure		17	PSI	(depth)	4551	Elec. Rec. ✓
(C) First Final Flow Pressure		23	PSI	Recorder No.	13252	Jars ✓
(D) Initial Shut-In Pressure		1866	PSI	(depth)	4593	Safety Jt. ✓
(E) Second Initial Flow Pressure		39	PSI	Recorder No.		Circ Sub
(F) Second Final Flow Pressure		50	PSI	(depth)		Sampler
(G) Final Shut-In Pressure		1861	PSI	**Initial Opening**	30	Straddle
(Q) Final Hydrostatic Mud		2258	PSI	Initial Shut-In	60	Ext. Packer
				Final Flow	30	Shale Packer ✓
				Final Shut-In	60	Mileage 80 1 way Pmt
				T-On Location	9:30	Sub Total: 1536.00
				T-Started	11:14	Std. By
				T-Open	13:16	Other
				T-Pulled	16:16	Total:
				T-Out	18:15	

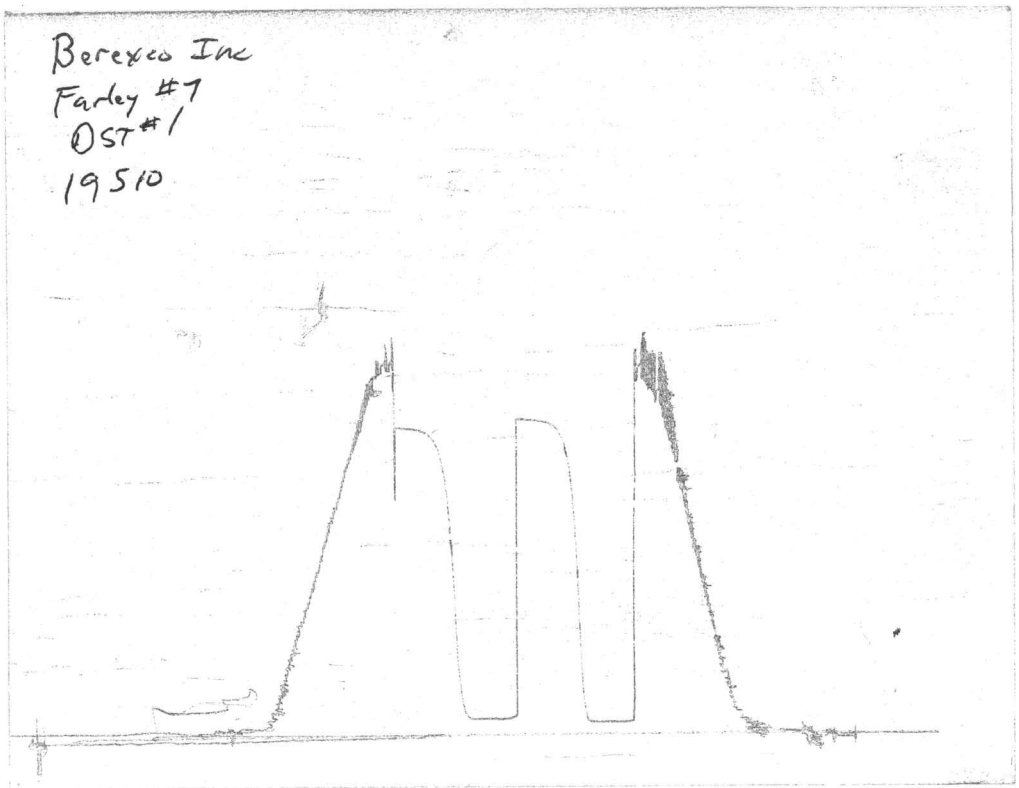
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

Approved By Marvin Harvey

Our Representative Jason McLemore Thank You

CHART PAGE

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



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

No. 19511

Test Ticket

Well Name & No. Farley #7 Test No. 2 Date 7-17-04

Company Berexco Inc Zone Tested Mississippi

Address Po Box 20380, Wichita, Ks, 67208 Elevation 1503 KB 1491 GL

Co. Rep / Geo. Marvin Harvey Cont. Duke #7 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 32 Twp. 34 Rge. 14 Co. Barber State Ks

No. of Copies Reg Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4756 - 4791 Initial Str Wt./Lbs. 72,000 Unseated Str Wt/Lbs. 72,000

Anchor Length 35' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 76,000

Top Packer Depth 4751 Tool Weight 2400

Bottom Packer Depth 4756 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 4791 Wt. Pipe Run 0 Drill Collar Run 186

Mud Wt. 9.1 LCM 2½# Vis. 54 WL 9.6 Drill Pipe Size 4½ XH Ft. Run 4573

Blow Description IFP - Good Blow, BOB in 7 min, Blew strong after 13 min.
ISI - Blow down 5 min, No Blowback
FFP - Strong Blow, BOB on open, Gas to Surface in 50 min.
FSI - Blowdown 5 min, No Blowback

Recovery - Total Feet 10 GIP _____ Ft. in DC _____ Ft. in DP _____

Rec. 10	Feet of Mud	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 125 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 3,000 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		2349	PSI	Recorder No.	6753	Test	✓
(B) First Initial Flow Pressure		18	PSI	(depth)	4758	Elec. Rec.	✓
(C) First Final Flow Pressure		26	PSI	Recorder No.	13252	Jars	✓
(D) Initial Shut-In Pressure		938	PSI	(depth)	4788	Safety Jt.	✓
(E) Second Initial Flow Pressure		18	PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		27	PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		941	PSI	**Initial Opening**	30	Straddle	
(Q) Final Hydrostatic Mud		2400	PSI	Initial Shut-In	60	Ext. Packer	
				Final Flow	60	Shale Packer	✓
				Final Shut-In	120	Mileage	80 1 way Pratt
				T-On Location	12:15	Sub Total:	1464.60
				T-Started	13:26	Std. By	
				T-Open	14:55	Other	
				T-Pulled	19:25	Total:	
				T-Out	21:25		

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 Marvin Harvey

Our Representative Jason McLemore Thank You

CHART PAGE

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

