

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tri-Ex Petroleum Company**

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

31-30s-11w Barber

Chain Ranch #1

Start Date: 2003.08.24 @ 08:50:25
End Date: 2003.08.24 @ 17:45:25
Job Ticket #: 17100 DST #: 1

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

DRILL STEM TEST REPORT

Tri-Ex Petroleum Company

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

Chain Ranch #1

31-30s-11w Barber

Job Ticket: 17100 **DST#: 1**

Test Start: 2003.08.24 @ 08:50:25

GENERAL INFORMATION:

Formation: **Toronto**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:02:10
Time Test Ended: 17:45:25

Test Type: Conventional Bottom Hole
Tester: Nathan
Unit No: 16

Interval: 3635.00 ft (KB) To 3714.00 ft (KB) (TVD)
Total Depth: 3730.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

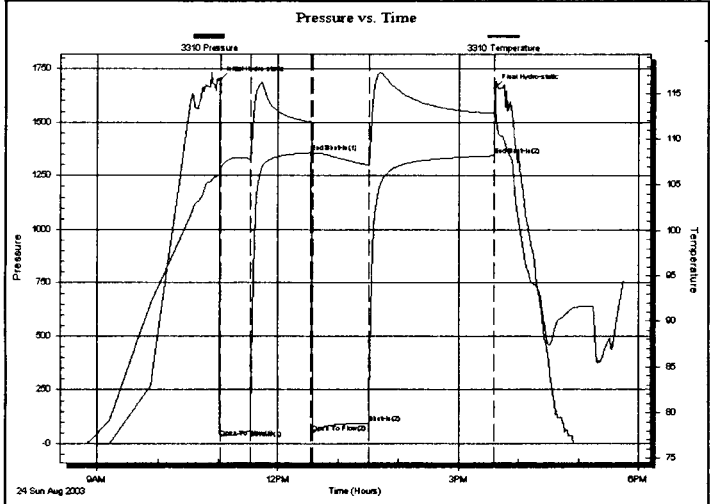
Reference Elevations: 1770.00 ft (KB)
1765.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3310 **Inside**

Press@RunDepth: 95.49 psig @ 3636.00 ft (KB)
Start Date: 2003.08.24 End Date: 2003.08.24
Start Time: 08:50:26 End Time: 17:45:25

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2003.08.24 @ 11:01:10
Time Off Btm: 2003.08.24 @ 15:35:55

TEST COMMENT: IF- Strong blow off bottom of bucket in 40 sec. GTS 12 min.
ISI- No blow
FF- Off bottom of bucket as soon as tool opened (Gas sampled)
IFI - No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1697.51	106.04	Initial Hydro-static
1	27.36	106.53	Open To Flow (1)
32	60.49	107.82	Shut-In(1)
93	1357.99	111.87	End Shut-In(1)
94	50.39	108.41	Open To Flow (2)
149	95.49	107.11	Shut-In(2)
275	1344.59	112.83	End Shut-In(2)
275	1659.44	112.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mud	0.59
0.00	3594 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	1.00	24.43
Last Gas Rate	0.25	51.00	103.75
Max. Gas Rate	0.25	51.00	103.75

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tri-Ex Petroleum Company

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

Chain Ranch #1

31-30s-11w Barber

Job Ticket: 17100 **DST#: 1**

Test Start: 2003.08.24 @ 08:50:25

Tool Information

Drill Pipe:	Length:	3383.00 ft	Diameter:	3.80 inches	Volume:	47.45 bbl	Tool Weight:	2200.00 lb	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	lb	
Drill Collar:	Length:	248.00 ft	Diameter:	2.25 inches	Volume:	1.22 bbl	Weight to Pull Loose:	lb	
					Total Volume:	48.67 bbl	Tool Chased	ft	
Drill Pipe Above KB:		18.00 ft					String Weight: Initial	lb	
Depth to Top Packer:		3635.00 ft					Final	lb	
Depth to Bottom Packer:		ft							
Interval between Packers:		40.00 ft							
Tool Length:		62.00 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			3614.00		
Shut In Tool	5.00			3619.00		
Hydraulic tool	5.00			3624.00		
Safety Joint	2.00			3626.00		
Packer	4.00			3630.00	22.00	Bottom Of Top Packer
Packer	5.00			3635.00		
Stubb	1.00			3636.00		
Recorder	0.00	3310	Inside	3636.00		
Perforations	37.00			3673.00		
Recorder	0.00	10242	Outside	3673.00		
Bullnose	2.00			3675.00	40.00	Bottom Packers & Anchor
Total Tool Length:	**62.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tri-Ex Petroleum Company

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

Chain Ranch #1

31-30s-11w Barber

Job Ticket: 17100 **DST#: 1**

Test Start: 2003.08.24 @ 08:50:25

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:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.37 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	mud	0.590
0.00	3594 GIP	0.000

Total Length: 120.00 ft Total Volume: 0.590 bbl

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

Tri-Ex Petroleum Company

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

Chain Ranch #1

31-30s-11w Barber

Job Ticket: 17100 **DST#: 1**

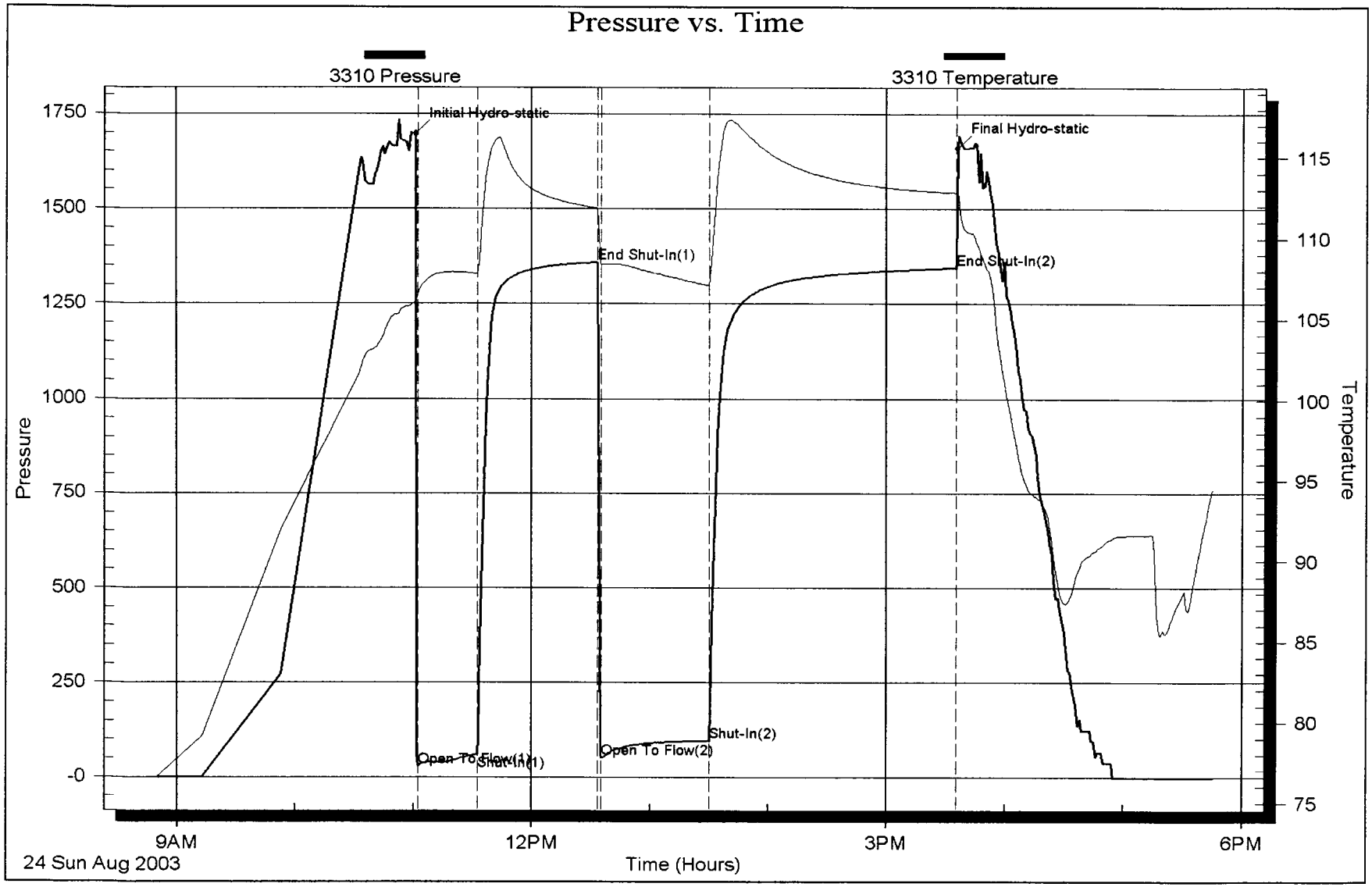
Test Start: 2003.08.24 @ 08:50:25

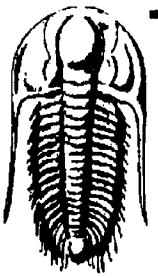
Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m^3/d)
1	15	0.25	1.00	24.43
1	20	0.25	5.50	31.57
1	25	0.25	12.50	42.67
1	30	0.25	19.00	52.99
2	5	0.25	20.00	54.57
2	10	0.25	35.00	78.37
2	15	0.25	37.00	81.54
2	20	0.25	41.00	87.89
2	25	0.25	44.00	92.65
2	30	0.25	46.00	95.82
2	35	0.25	48.00	98.99
2	40	0.25	49.00	100.58
2	45	0.25	50.00	102.16
2	50	0.25	50.00	102.16
2	55	0.25	50.50	102.96
2	60	0.25	51.00	103.75


Pressure vs. Time
3310 Pressure
3310 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)
1750
1500
1250
1000
750
500
250
-0
Pressure
115
110
105
100
95
90
85
80
75
Temperature
9AM
12PM
3PM
6PM
24 Sun Aug 2003
Time (Hours)



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DRILL STEM TEST REPORT

Prepared For: **Tri-Ex Petroleum Company**

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

31-30s-11w Barber

Chain Ranch #1

Start Date: 2003.08.25 @ 00:42:55

End Date: 2003.08.25 @ 08:38:25

Job Ticket #: 17801 DST #: 2

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

DRILL STEM TEST REPORT

Tri-Ex Petroleum Company

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

Chain Ranch #1

31-30s-11w Barber

Job Ticket: 17801 **DST#: 2**

Test Start: 2003.08.25 @ 00:42:55

GENERAL INFORMATION:

Formation: **Douglas Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:23:55
Time Test Ended: 08:38:25

Test Type: Conventional Bottom Hole
Tester: Nathan
Unit No: 16

Interval: 3690.00 ft (KB) To 3730.00 ft (KB) (TVD)
Total Depth: 3730.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

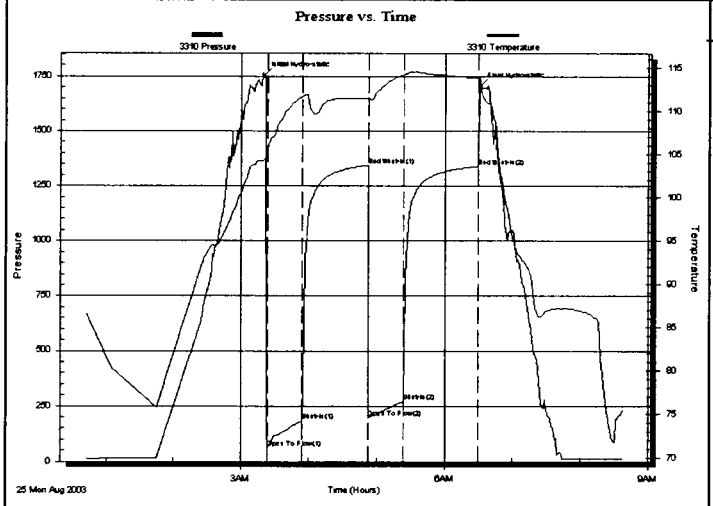
Reference Elevations: 1770.00 ft (KB)
1765.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3310 **Inside**

Press@RunDepth: 270.33 psig @ 3691.00 ft (KB)
Start Date: 2003.08.25 End Date: 2003.08.25
Start Time: 00:42:56 End Time: 08:38:25

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2003.08.25 @ 03:20:25
Time Off Btm: 2003.08.25 @ 06:31:10

TEST COMMENT: IF- Strong blow : off bottom of bucket in 65sec
ISI- No blow
FF- Good blow : off bottom of bucket in 7 min.
FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1754.45	104.23	Initial Hydro-static
4	60.56	105.16	Open To Flow (1)
34	182.79	111.65	Shut-In(1)
92	1344.63	111.43	End Shut-In(1)
92	197.55	111.54	Open To Flow (2)
123	270.33	114.19	Shut-In(2)
190	1339.74	113.81	End Shut-In(2)
191	1705.92	113.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mud	0.59
380.00	w ater	4.16

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tri-Ex Petroleum Company

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

Chain Ranch #1

31-30s-11w Barber

Job Ticket: 17801 **DST#: 2**

Test Start: 2003.08.25 @ 00:42:55

Tool Information

Drill Pipe:	Length:	3436.00 ft	Diameter:	3.80 inches	Volume:	48.20 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		22000.00 lb
Drill Collar:	Length:	248.00 ft	Diameter:	2.25 inches	Volume:	1.22 bbl	Weight to Pull Loose:		80000.00 lb
					Total Volume:	49.42 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		16.00 ft					String Weight:	Initial	69000.00 lb
Depth to Top Packer:		3690.00 ft						Final	70000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		40.00 ft							
Tool Length:		62.00 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			3669.00		
Shut In Tool	5.00			3674.00		
Hydraulic tool	5.00			3679.00		
Safety Joint	2.00			3681.00		
Packer	4.00			3685.00	22.00	Bottom Of Top Packer
Packer	5.00			3690.00		
Stubb	1.00			3691.00		
Recorder	0.00	3310	Inside	3691.00		
Perforations	37.00			3728.00		
Recorder	0.00	10242	Outside	3728.00		
Bullnose	2.00			3730.00	40.00	Bottom Packers & Anchor
Total Tool Length:	**62.00**					

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DRILL STEM TEST REPORT

FLUID SUMMARY

Tri-Ex Petroleum Company

6051 N. Brookline Suite 111B
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ATTN: Ken LeBlanc

Chain Ranch #1

31-30s-11w Barber

Job Ticket: 17801 **DST#: 2**

Test Start: 2003.08.25 @ 00:42:55

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:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.37 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

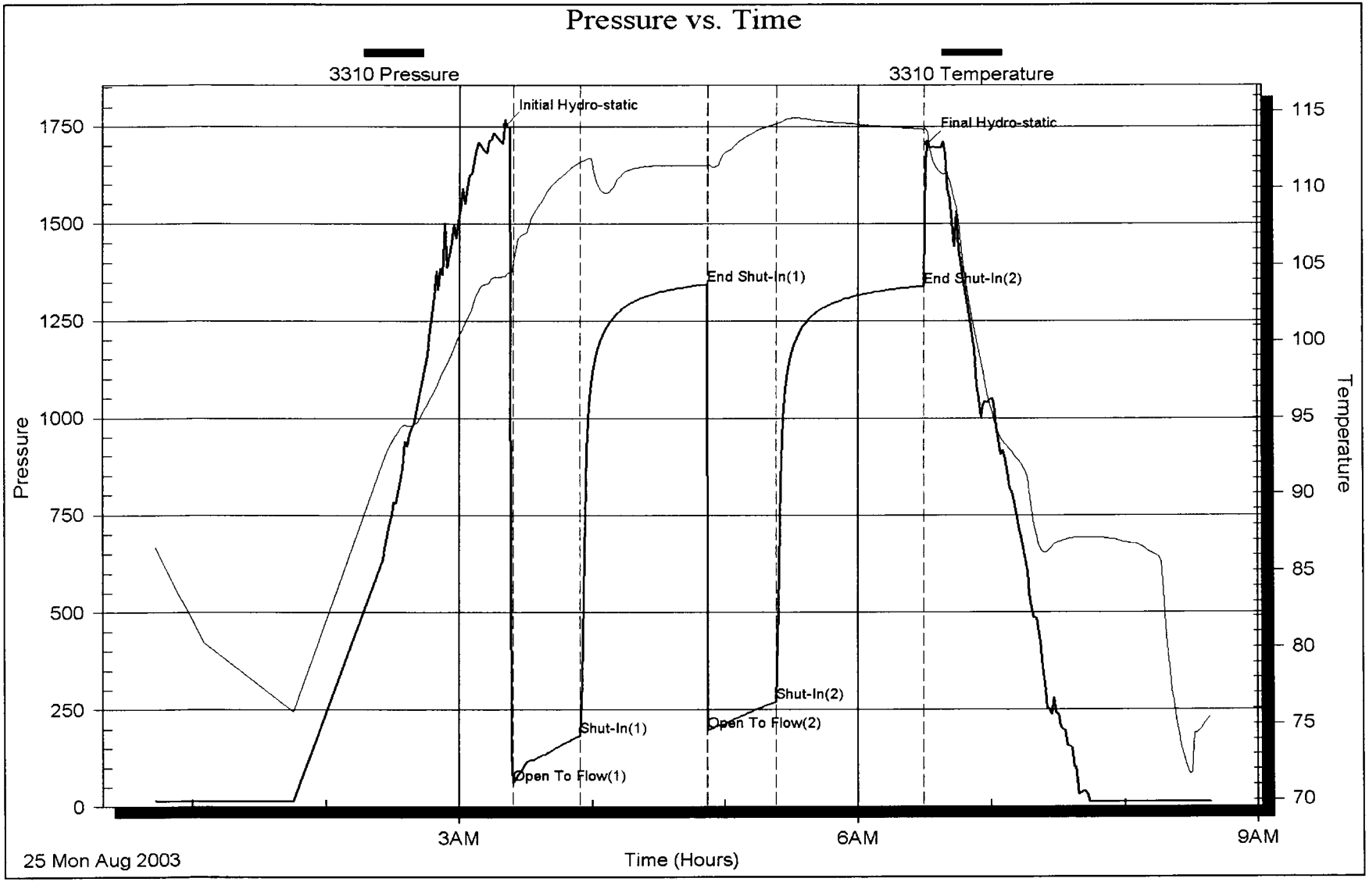
Length ft	Description	Volume bbl
120.00	mud	0.590
380.00	water	4.164

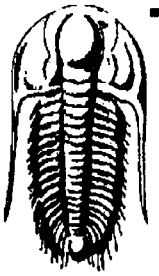
Total Length: 500.00 ft Total Volume: 4.754 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
3310 Pressure
3310 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
115
110
105
100
95
90
85
80
75
70
3AM
6AM
9AM
25 Mon Aug 2003
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tri-Ex Petroleum Company**

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

31-30s-11w Barber

Chain Ranch #1

Start Date: 2003.08.27 @ 14:58:49
End Date: 2003.08.27 @ 22:14:34
Job Ticket #: 17802 DST #: 3

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

DRILL STEM TEST REPORT

Tri-Ex Petroleum Company

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

Chain Ranch #1

31-30s-11w Barber

Job Ticket: 17802 **DST#: 3**

Test Start: 2003.08.27 @ 14:58:49

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:14:34
Time Test Ended: 22:14:34

Test Type: Conventional Bottom Hole
Tester: Nathan
Unit No: 16

Interval: 4370.00 ft (KB) To 4444.00 ft (KB) (TVD)
Total Depth: 4444.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

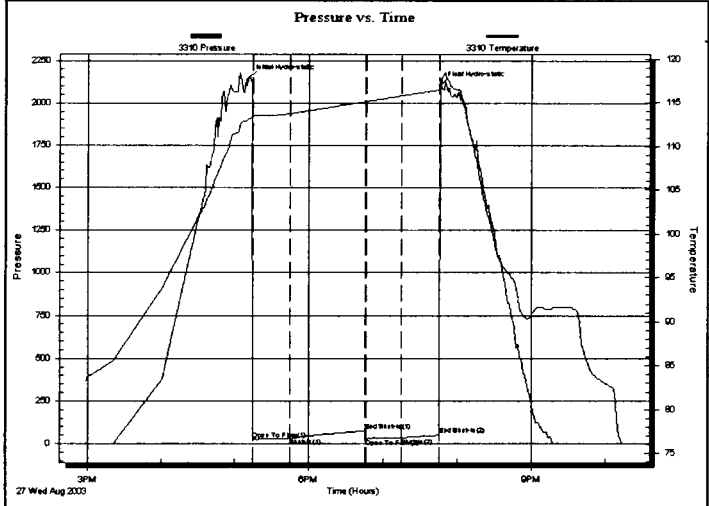
Reference Elevations: 1770.00 ft (KB)
1765.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3310 **Inside**

Press@RunDepth: 34.93 psig @ 4371.00 ft (KB)
Start Date: 2003.08.27 End Date: 2003.08.27
Start Time: 14:58:50 End Time: 22:14:34

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2003.08.27 @ 17:11:19
Time Off Btm: 2003.08.27 @ 19:46:19

TEST COMMENT: IF- Weak surface blow ; building to 2.75 inches
ISI-No blow
FF- Weak surface blow ; blow died in 19 min.
FSI- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2143.40	113.06	Initial Hydro-static
4	22.07	113.32	Open To Flow (1)
34	33.09	113.70	Shut-In(1)
95	75.33	115.09	End Shut-In(1)
95	30.49	115.11	Open To Flow (2)
124	34.93	115.78	Shut-In(2)
155	49.77	116.44	End Shut-In(2)
155	2105.23	116.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	SGCM 98%MUD 2%GAS	0.10

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tri-Ex Petroleum Company

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

Chain Ranch #1

31-30s-11w Barber

Job Ticket: 17802 **DST#: 3**

Test Start: 2003.08.27 @ 14:58:49

Tool Information

Drill Pipe:	Length:	4122.00 ft	Diameter:	3.80 inches	Volume:	57.82 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	248.00 ft	Diameter:	2.25 inches	Volume:	1.22 bbl	
					Total Volume:	59.04 bbl	

Drill Pipe Above KB:	22.00 ft
Depth to Top Packer:	4370.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	74.00 ft
Tool Length:	96.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	22000.00 lb
Weight to Pull Loose:	82000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	74000.00 lb
Final	74000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4349.00		
Shut In Tool	5.00			4354.00		
Hydraulic tool	5.00			4359.00		
Safety Joint	2.00			4361.00		
Packer	4.00			4365.00	22.00	Bottom Of Top Packer
Packer	5.00			4370.00		
Stubb	1.00			4371.00		
Recorder	0.00	3310	Inside	4371.00		
Perforations	15.00			4386.00		
Change Over Sub	1.00			4387.00		
Blank Spacing	31.00			4418.00		
Change Over Sub	1.00			4419.00		
Perforations	23.00			4442.00		
Recorder	0.00	10242	Outside	4442.00		
Bullnose	2.00			4444.00	74.00	Bottom Packers & Anchor
Total Tool Length:	**96.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tri-Ex Petroleum Company

6051 N. Brookline Suite 111B
Oklahoma City, OK 73112

ATTN: Ken LeBlanc

Chain Ranch #1

31-30s-11w Barber

Job Ticket: 17802 **DST#: 3**

Test Start: 2003.08.27 @ 14:58:49

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.95 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

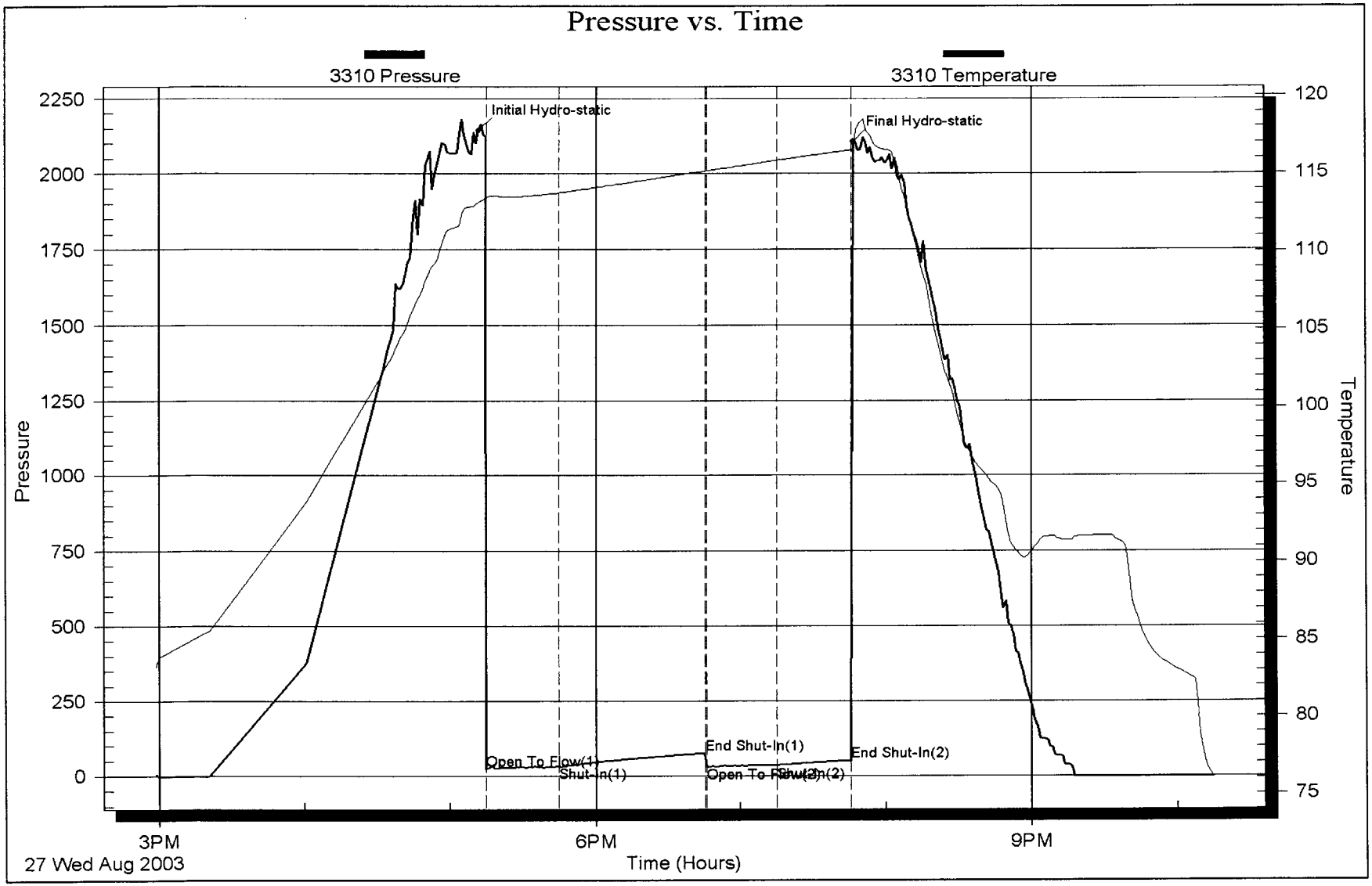
Length ft	Description	Volume bbl
20.00	SGCM 98%MUD 2%GAS	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
3310 Pressure
3310 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
End Shut-In(2)
Pressure
Temperature
2250
2000
1750
1500
1250
1000
750
500
250
0
120
115
110
105
100
95
90
85
80
75
3PM
6PM
9PM
27 Wed Aug 2003
Time (Hours)