

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Rama Operating**

P.O Box 159
Stafford, KS 67578

ATTN: Steve McClain

11/35S/30W

Adams 8-11

Start Date: 2005.04.13 @ 08:18:12
End Date: 2005.04.13 @ 18:09:10
Job Ticket #: 21790 DST #: 1

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

DRILL STEM TEST REPORT

Rama Operating

P.O Box 159
Stafford, KS 67578

ATTN: Steve McClain

Adams 8-11

11/35S/30W

Job Ticket: 21790 **DST#: 1**

Test Start: 2005.04.13 @ 08:18:12

GENERAL INFORMATION:

Formation: **Chase-H-K-Winf**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:09:25
Time Test Ended: 18:09:10

Test Type: Conventional Bottom Hole
Tester: Dustin Rash
Unit No: 17

Interval: 2489.00 ft (KB) To 2592.00 ft (KB) (TVD)
Total Depth: 2592.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

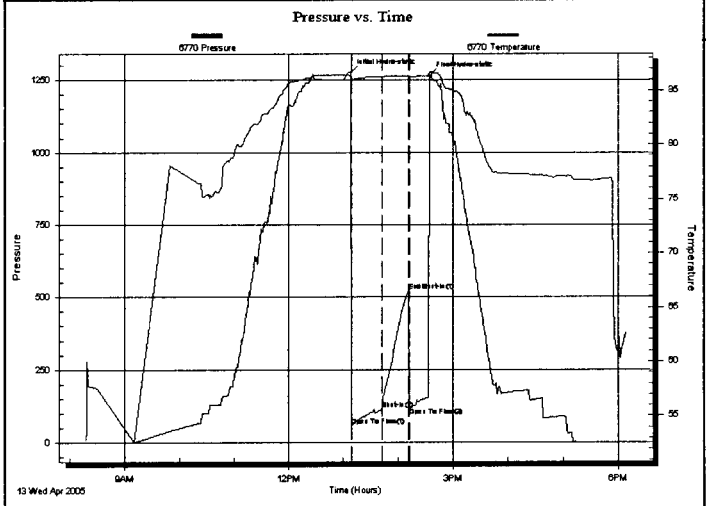
Reference Elevations: 2437.00 ft (KB)
2425.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6770 **Inside**

Press@RunDepth: 113.37 psig @ 2504.00 ft (KB)
Start Date: 2005.04.13 End Date: 2005.04.13
Start Time: 08:18:12 End Time: 18:09:10

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.04.13 @ 13:08:25
Time Off Btm: 2005.04.13 @ 14:34:25

TEST COMMENT: IF-Built to 1/2 inch then died. Came back, built to 1/2 inch then died.
ISI- No blow back.
FF- Strong building blow. Built to 4 inches then died. Flushed. Built to 1/2 then died.
FSI- Pulled tool af



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1274.64	86.30	Initial Hydro-static
1	56.24	86.02	Open To Flow (1)
34	113.37	86.24	Shut-In(1)
63	522.23	86.33	End Shut-In(1)
64	119.21	86.25	Open To Flow (2)
86	1263.25	86.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	80% Mud 20% Water	0.98

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rama Operating

P.O Box 159
Stafford, KS 67578

ATTN: Steve McClain

Adams 8-11

11/35S/30W

Job Ticket: 21790 **DST#: 1**

Test Start: 2005.04.13 @ 08:18:12

Tool Information

Drill Pipe:	Length:	2157.00 ft	Diameter:	3.80	inches	Volume:	30.26 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length:	311.00 ft	Diameter:	2.25	inches	Volume:	1.53 bbl	Weight to Pull Loose:	15000.00 lb
						Total Volume:	31.79 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		6.00 ft						String Weight: Initial	54000.00 lb
Depth to Top Packer:		2489.00 ft						Final	55000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		103.00 ft							
Tool Length:		130.00 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			2463.00		
Shut In Tool	5.00			2468.00		
Hydraulic tool	5.00			2473.00		
Jars	5.00			2478.00		
Safety Joint	2.00			2480.00		
Packer	5.00			2485.00	27.00	Bottom Of Top Packer
Packer	4.00			2489.00		
Stubb	1.00			2490.00		
Perforations	14.00			2504.00		
Recorder	0.00	6770	Inside	2504.00		
Change Over Sub	1.00			2505.00		
Drill Pipe	62.00			2567.00		
Change Over Sub	1.00			2568.00		
Perforations	21.00			2589.00		
Recorder	0.00	10993	Inside	2589.00		
Bullnose	3.00			2592.00	103.00	Bottom Packers & Anchor
Total Tool Length:	**130.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Rama Operating

P.O Box 159
Stafford, KS 67578

ATTN: Steve McClain

Adams 8-11

11/35S/30W

Job Ticket: 21790 **DST#: 1**

Test Start: 2005.04.13 @ 08:18:12

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:	27.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	in³	Gas Cushion Type:			
Resistivity:	0.14 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	105000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

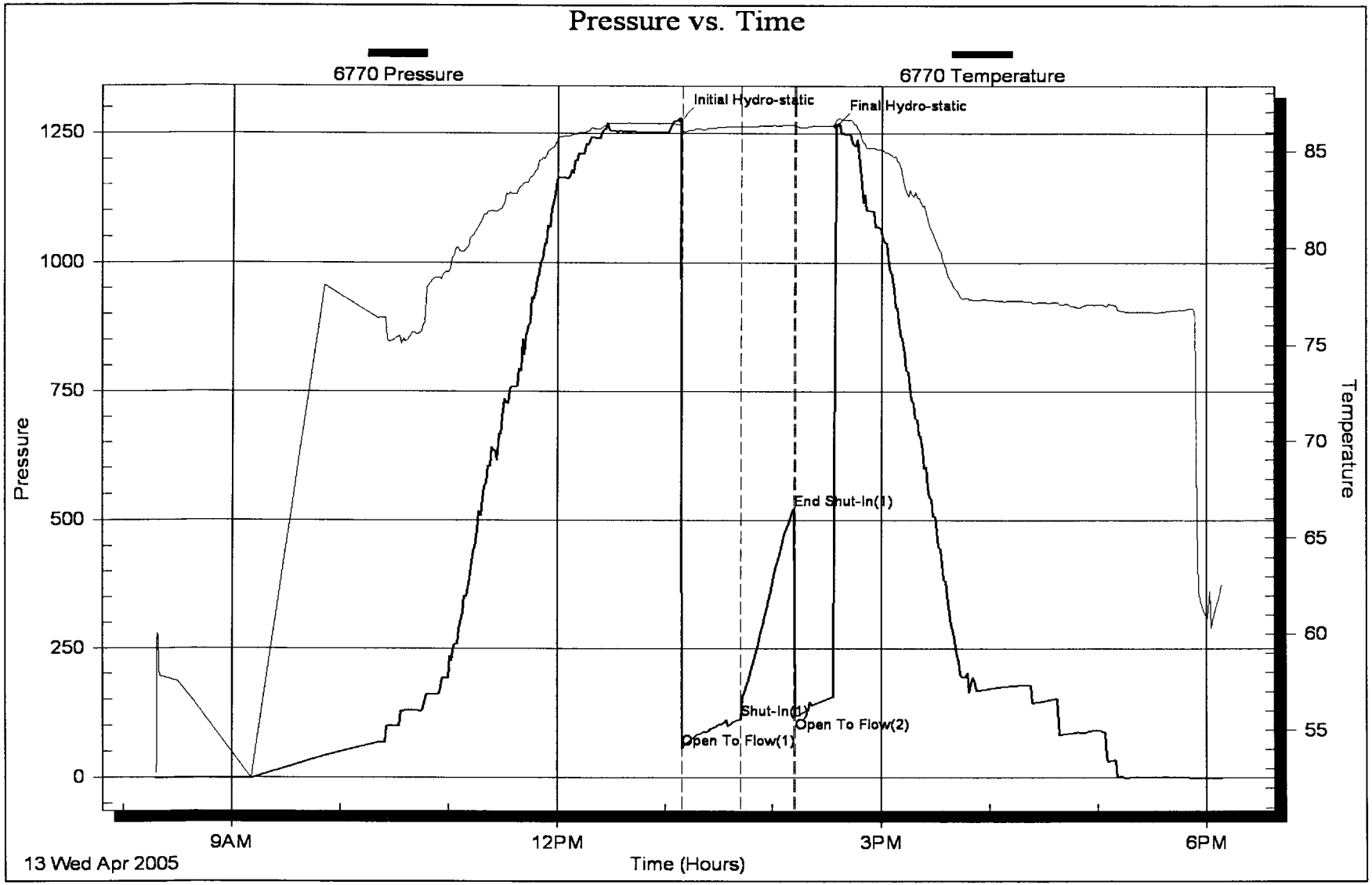
Length ft	Description	Volume bbl
200.00	80% Mud 20% Water	0.984

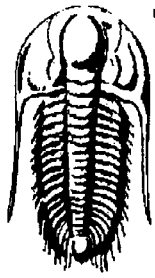
Total Length: 200.00 ft Total Volume: 0.984 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6770 Pressure
6770 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Shut-In(1)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1250
1000
750
500
250
0
85
80
75
70
65
60
55
9AM
12PM
3PM
6PM
13 Wed Apr 2005
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Rama Operating**

P.O Box 159
Stafford, KS 67578

ATTN: Steve McClain

11/35S/30W

Adams 8-11

Start Date: 2005.04.14 @ 19:14:19
End Date: 2005.04.15 @ 07:05:32
Job Ticket #: 21791 DST #: 2

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

DRILL STEM TEST REPORT

Rama Operating

P.O Box 159
Stafford, KS 67578

ATTN: Steve McClain

Adams 8-11

11/35S/30W

Job Ticket: 21791 **DST#: 2**

Test Start: 2005.04.14 @ 19:14:19

GENERAL INFORMATION:

Formation: **Beattie-CW**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:21:02
Time Test Ended: 07:05:32

Test Type: Conventional Bottom Hole
Tester: Dustin Rash
Unit No: 17

Interval: 2995.00 ft (KB) To 3033.00 ft (KB) (TVD)
Total Depth: 3033.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

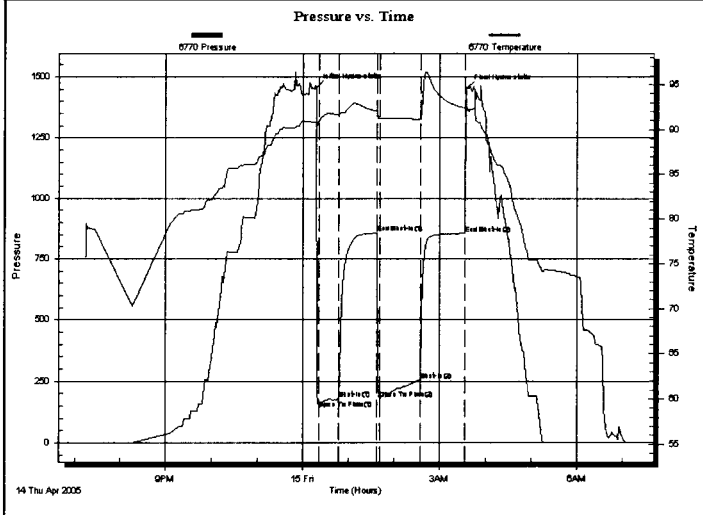
Reference Elevations: 2437.00 ft (KB)
2425.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6770 **Inside**

Press@RunDepth: 255.10 psig @ 2997.00 ft (KB)
Start Date: 2005.04.14 End Date: 2005.04.15
Start Time: 19:14:19 End Time: 07:05:32

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.04.15 @ 00:17:17
Time Off Btm: 2005.04.15 @ 03:34:47

TEST COMMENT: IF-Strong building blow . BOB in 3 min. GTS in 24 min 30 sec.
ISI-Blow back in 30 sec. Built to BOB in 40 min.
FF-Strong building blow . BOB ASAO. GTS ASAO. Gauged gas.
FSI-Blow back in 10 sec. Built t



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1456.93	90.84	Initial Hydro-static
4	140.31	90.90	Open To Flow (1)
30	180.14	91.67	Shut-In(1)
80	856.25	92.07	End Shut-In(1)
84	177.86	91.25	Open To Flow (2)
138	255.10	91.12	Shut-In(2)
197	855.00	92.38	End Shut-In(2)
198	1451.39	92.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	Gassy Watery Mud 15%g 20%w 65%m	0.91
372.00	Muddy Water 15%mud 85%w ater	4.08
62.00	Muddy Water 5%mud 95%w ater	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	0.00	5.39
Last Gas Rate	0.13	9.00	8.76
Max. Gas Rate	0.13	9.00	8.76

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rama Operating

P.O Box 159
Stafford, KS 67578

ATTN: Steve McClain

Adams 8-11

11/35S/30W

Job Ticket: 21791 **DST#: 2**

Test Start: 2005.04.14 @ 19:14:19

Tool Information

Drill Pipe:	Length:	2682.00 ft	Diameter:	3.80 inches	Volume:	37.62 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	311.00 ft	Diameter:	2.25 inches	Volume:	1.53 bbl	Weight to Pull Loose:		15000.00 lb
					Total Volume:	39.15 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		25.00 ft					String Weight:	Initial	60000.00 lb
Depth to Top Packer:		2995.00 ft						Final	64000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		38.00 ft							
Tool Length:		65.00 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			2969.00		
Shut In Tool	5.00			2974.00		
Hydraulic tool	5.00			2979.00		
Jars	5.00			2984.00		
Safety Joint	2.00			2986.00		
Packer	5.00			2991.00	27.00	Bottom Of Top Packer
Packer	4.00			2995.00		
Stubb	1.00			2996.00		
Perforations	1.00			2997.00		
Recorder	0.00	6770	Inside	2997.00		
Perforations	33.00			3030.00		
Recorder	0.00	10993	Inside	3030.00		
Bullnose	3.00			3033.00	38.00	Bottom Packers & Anchor
Total Tool Length:	**65.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Rama Operating

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ATTN: Steve McClain

Adams 8-11

11/35S/30W

Job Ticket: 21791 **DST#: 2**

Test Start: 2005.04.14 @ 19:14:19

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	73000 ppm
Viscosity:	33.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	in³	Gas Cushion Type:			
Resistivity:	0.13 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	56000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	Gassy Watery Mud 15%g 20%w 65%m	0.915
372.00	Muddy Water 15%mud 85%w ater	4.079
62.00	Muddy Water 5%mud 95%w ater	0.870

Total Length: 620.00 ft Total Volume: 5.864 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #: 619

Laboratory Name: Caraw ay Laboratory Location: Liberal, KS

Recovery Comments:

Rama Operating

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Adams 8-11

11/35S/30W

Job Ticket: 21791 **DST#: 2**

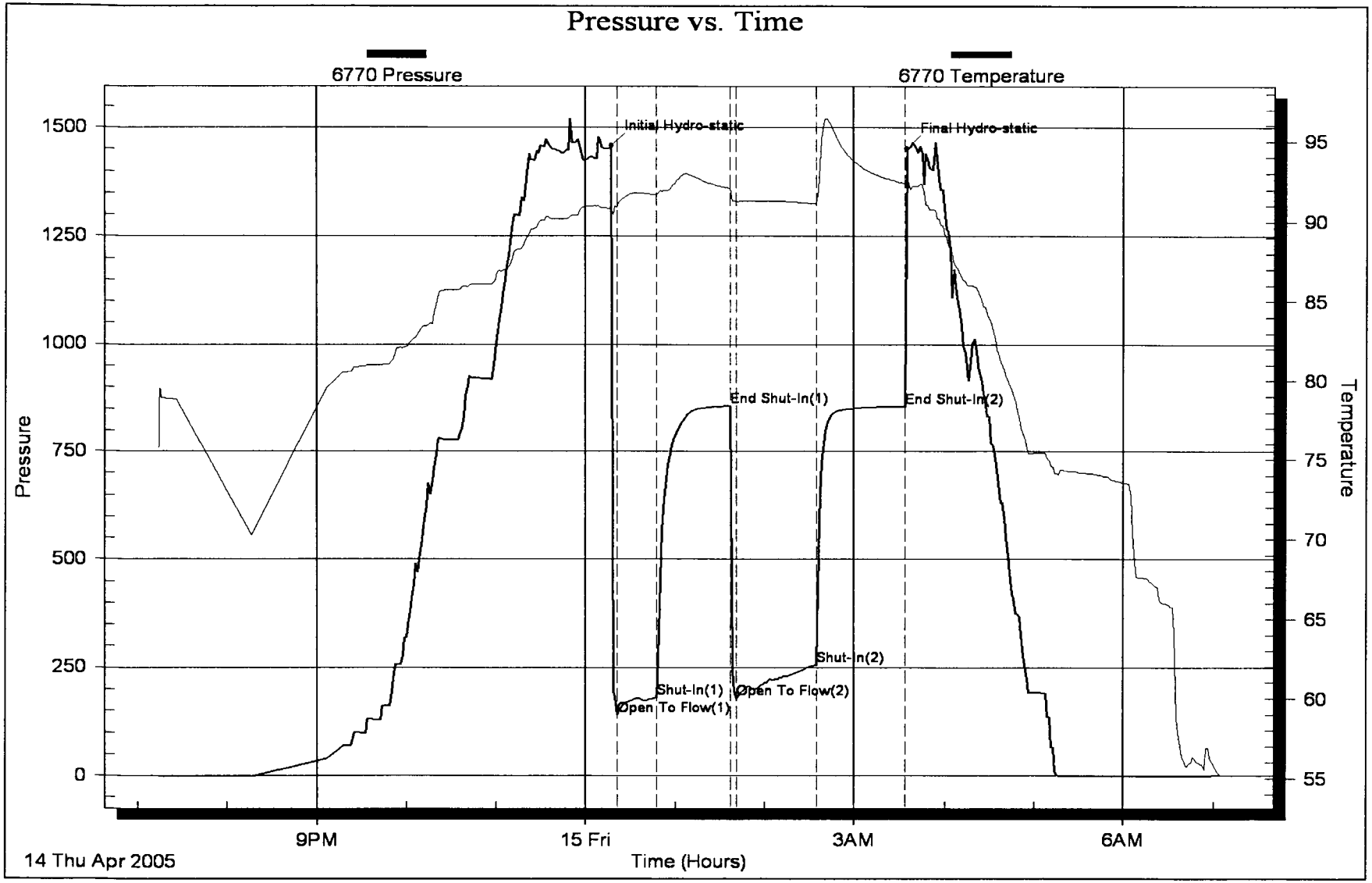
Test Start: 2005.04.14 @ 19:14:19

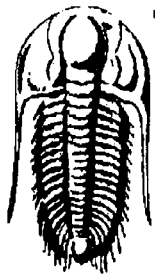
Gas Rates Information

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)
2	5	0.13	0.00	5.39
2	5	0.13	0.00	5.39
2	10	0.13	3.00	6.51
2	15	0.13	3.00	6.51
2	20	0.13	4.00	6.89
2	25	0.13	4.00	6.89
2	30	0.13	5.00	7.26
2	35	0.13	5.00	7.26
2	40	0.13	6.00	7.64
2	45	0.13	7.00	8.01
2	50	0.13	8.00	8.38
2	55	0.13	9.00	8.76


Pressure vs. Time
6770 Pressure
6770 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Open To Flow(1)
Shut-In(2)
Open To Flow(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
95
90
85
80
75
70
65
60
55
9PM
15 Fri
3AM
6AM
14 Thu Apr 2005
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Rama Operating**

P.O Box 159
Stafford, KS 67578

ATTN: Steve McClain

11/35S/30W

Adams 8-11

Start Date: 2005.04.16 @ 02:41:19
End Date: 2005.04.16 @ 16:36:02
Job Ticket #: 21792 DST #: 3

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Rama Operating

P.O Box 159
Stafford, KS 67578

ATTN: Steve McClain

Adams 8-11

11/35S/30W

Job Ticket: 21792 **DST#: 3**

Test Start: 2005.04.16 @ 02:41:19

GENERAL INFORMATION:

Formation: **Red Eagle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:39:02
Time Test Ended: 16:36:02

Test Type: Conventional Bottom Hole
Tester: Dustin Rash
Unit No: 17

Interval: 3137.00 ft (KB) To 3185.00 ft (KB) (TVD)
Total Depth: 3185.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

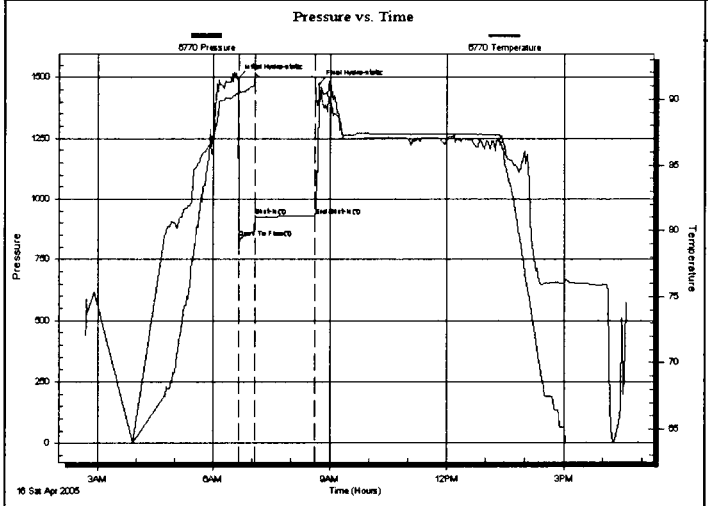
Reference Elevations: 2437.00 ft (KB)
2425.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6770 **Inside**

Press@RunDepth: 927.22 psig @ 3139.00 ft (KB)
Start Date: 2005.04.16 End Date: 2005.04.16
Start Time: 02:41:19 End Time: 16:36:02

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.04.16 @ 06:37:32
Time Off Btm: 2005.04.16 @ 08:42:02

TEST COMMENT: IF-Strong Building blow . BOB in 30 sec. GTS in 3 min. Gauged gas.
ISI-Blow back in 32 min. Built to BOB.
FF-Collars Stuck. Pulled tool.
FSI-



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1496.40	90.48	Initial Hydro-static
2	837.63	90.76	Open To Flow (1)
28	927.22	92.05	Shut-In(1)
119	928.50	91.64	End Shut-In(1)
125	1472.86	90.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
77.00	Muddy w ater 10% mud 90% w ater	0.38
311.00	Muddy w ater 5% mud 95% w ater	2.23

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	90.00	3001.38
Last Gas Rate	1.00	140.00	4438.82
Max. Gas Rate	1.00	140.00	4438.82

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rama Operating

P.O Box 159
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ATTN: Steve McClain

Adams 8-11

11/35S/30W

Job Ticket: 21792 **DST#: 3**

Test Start: 2005.04.16 @ 02:41:19

Tool Information

Drill Pipe:	Length:	2810.00 ft	Diameter:	3.80 inches	Volume:	39.42 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		28000.00 lb
Drill Collar:	Length:	311.00 ft	Diameter:	2.25 inches	Volume:	1.53 bbl	Weight to Pull Loose:		15000.00 lb
					Total Volume:	40.95 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		11.00 ft					String Weight:	Initial	61000.00 lb
Depth to Top Packer:		3137.00 ft						Final	64000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		48.00 ft							
Tool Length:		75.00 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			3111.00		
Shut In Tool	5.00			3116.00		
Hydraulic tool	5.00			3121.00		
Jars	5.00			3126.00		
Safety Joint	2.00			3128.00		
Packer	5.00			3133.00	27.00	Bottom Of Top Packer
Packer	4.00			3137.00		
Stubb	1.00			3138.00		
Perforations	1.00			3139.00		
Recorder	0.00	6770	Inside	3139.00		
Perforations	5.00			3144.00		
Change Over Sub	1.00			3145.00		
Drill Pipe	31.00			3176.00		
Change Over Sub	1.00			3177.00		
Perforations	5.00			3182.00		
Recorder	0.00	10993	Inside	3182.00		
Bullnose	3.00			3185.00	48.00	Bottom Packers & Anchor
Total Tool Length:	**75.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Rama Operating

P.O Box 159
Stafford, KS 67578

ATTN: Steve McClain

Adams 8-11

11/35S/30W

Job Ticket: 21792 **DST#: 3**

Test Start: 2005.04.16 @ 02:41:19

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	5200 ppm
Viscosity:	33.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	in³	Gas Cushion Type:			
Resistivity:	0.91 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	56000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
77.00	Muddy w ater 10% mud 90% w ater	0.379
311.00	Muddy w ater 5% mud 95% w ater	2.231

Total Length: 388.00 ft Total Volume: 2.610 bbl

Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #:

Laboratory Name: Caraw ay Laboratory Location: Liberal, KS

Recovery Comments: Gas w as Flammable.

Rama Operating

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Adams 8-11

11/35S/30W

Job Ticket: 21792 **DST#: 3**

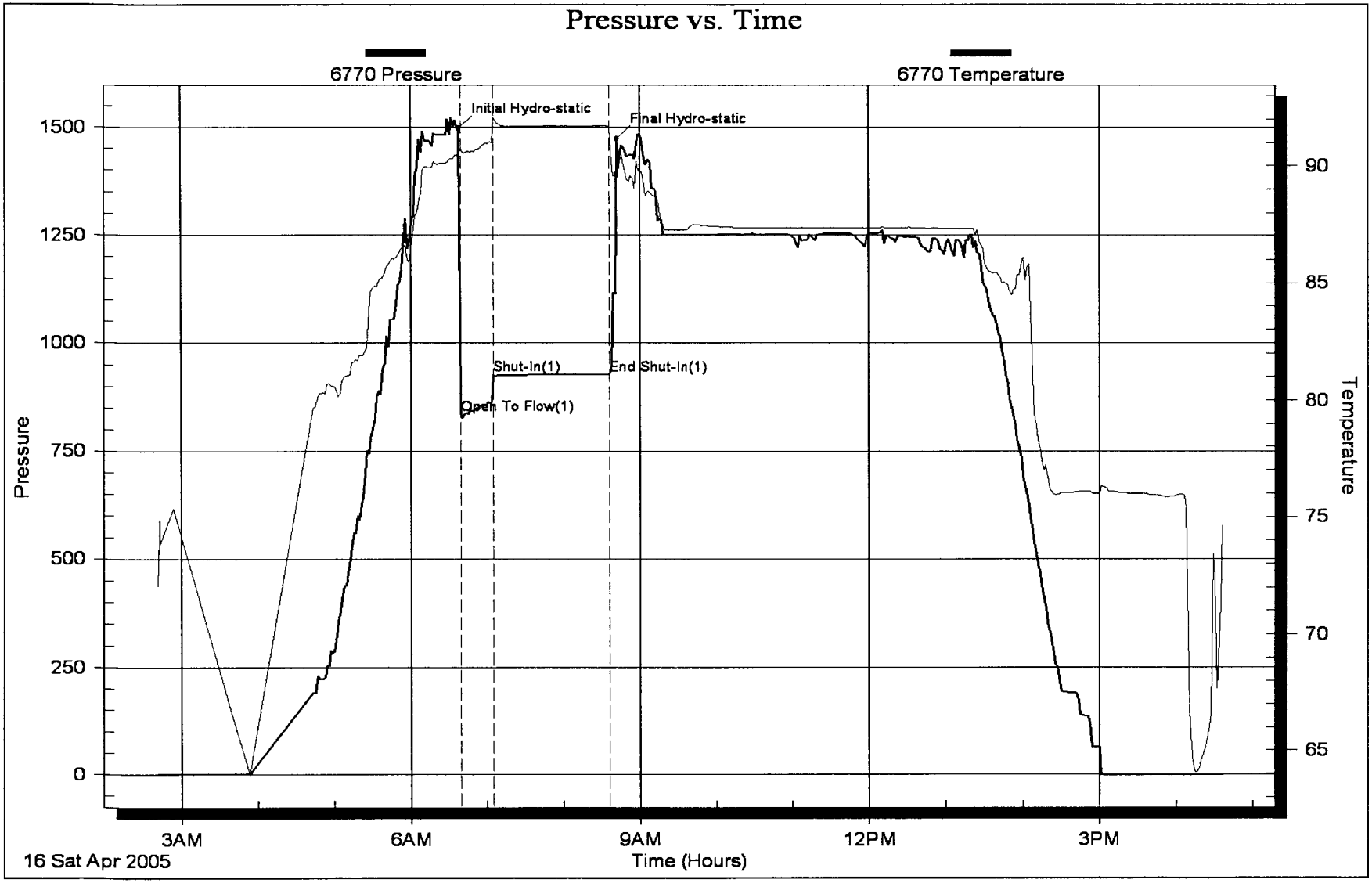
Test Start: 2005.04.16 @ 02:41:19

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	5	1.00	90.00	3001.38
1	10	1.00	105.00	3432.61
1	15	1.00	120.00	3863.84
1	20	1.00	140.00	4438.82


Pressure vs. Time
6770 Pressure
6770 Temperature
Initial Hydro-static
Final Hydro-static
Shut-In(1)
End Shut-In(1)
Open To Flow(1)
Pressure
Temperature
1500
1250
1000
750
500
250
0
90
85
80
75
70
65
3AM
6AM
9AM
12PM
3PM
16 Sat Apr 2005
Time (Hours)

X

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9/04

INV 1364

№ 21790

Test Ticket

Well Name & No. Adams 8-11 Test No. 1 Date 4-13-05

Company Rama Operating Zone Tested Chase-H-K-Winf

Address P.O. Box 159 Stafford, KS 67578 Elevation 2437 KB 2425 GL

Co. Rep / Geo. Roger Martin Cont. Sterling #2 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 11 Twp. 35S Rge. 30W Co. Meade State KS

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

Interval Tested 2489-2592 Initial Str Wt./Lbs. 54K Unseated Str Wt/Lbs. 55K

Anchor Length 103' Wt. Set Lbs. 30K Wt. Pulled Loose/Lbs. 15K

Top Packer Depth 2484 Tool Weight 2K

Bottom Packer Depth 2489 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 2592 Wt. Pipe Run N/A Drill Collar Run 311

Mud Wt. 9.3 LCM 0 Vis. 27 WL N/C Drill Pipe Size 4.5 XH Ft. Run 2157

Blow Description IF- Built to 1/2 inch Head died, Came Back, built to 1/2" Head died.
ISI- No Blowback.
FF- Strong Building blow, Built to 4" Head died. Plugged. Flushed.
FSI- ~~No Return~~. Pulled Tool after Flushed.

Recovery - Total Feet 200 GIP 200 Ft. in DC 200 Ft. in DP 80

Rec. 200 Feet of ~~Water~~ WM %gas %oil 20 %water 80 %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 86 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW .135 @ 78 °F Chlorides 52,000 ppm Recovery _____ Chlorides 105,000 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		1275	PSI	Recorder No.	6770 (8,15)	Test Conventional 900
(B) First Initial Flow Pressure		56	PSI	(depth)	2504	Jars ✓ 900
(C) First Final Flow Pressure		113	PSI	Recorder No.	10993	Safety Jt. ✓ 50
(D) Initial Shut-In Pressure		522	PSI	(depth)	2589	Circ Sub ✓ N/C
(E) Second Initial Flow Pressure		119	PSI	Recorder No.		Sampler
(F) Second Final Flow Pressure			PSI	(depth)		Straddle
(G) Final Shut-In Pressure			PSI	**Initial Opening**	30	Ext. Packer
(Q) Final Hydrostatic Mud		1263	PSI	Initial Shut-In	30	Shale Packer
				Final Flow	30	Ruined Packer 164
				Final Shut-In	0	Mileage X 164
				T-On Location	0700	Sub Total: ~~$1314.00~~
				T-Started	0830	Std. By X 3 = $120.00
				T-Open	1309	Other
				T-Pulled	1430	Total: $1434.00
				T-Out	0600 18:00	

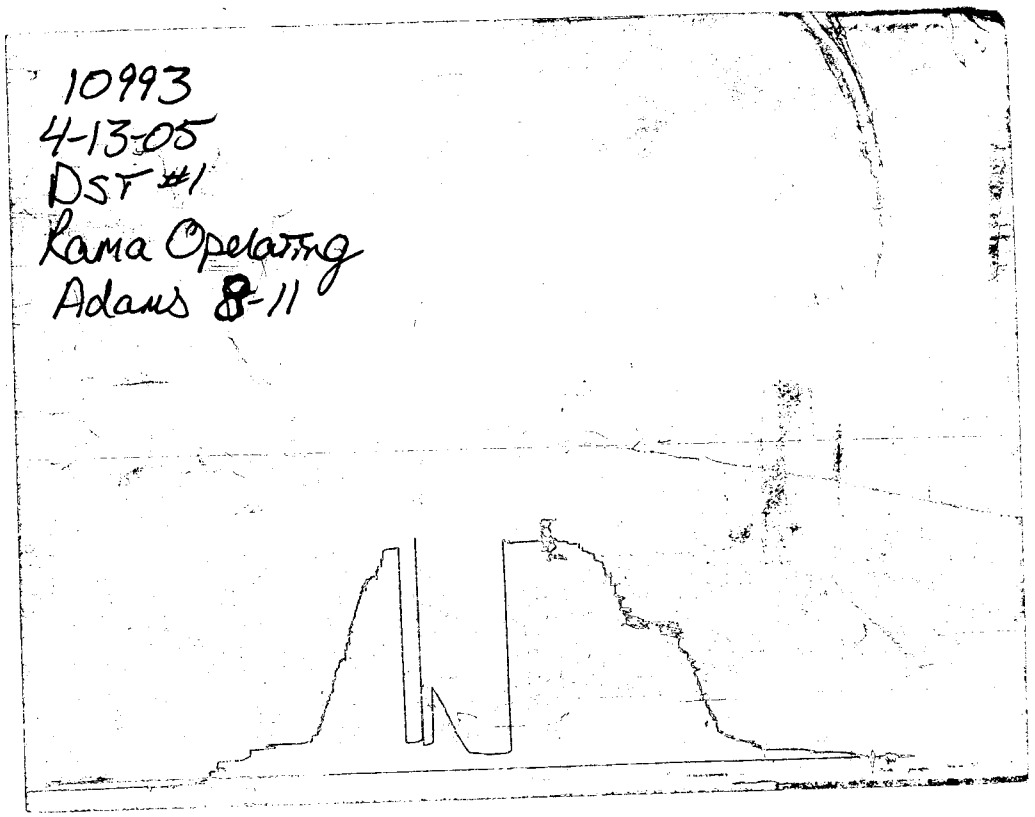
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS ~~LOST~~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

Approved By Roger L. Martin

Our Representative Ron Dustin

CHART PAGE

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



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9/04

No 21791

Test Ticket

Well Name & No. Adams 8-11 Test No. 2 Date 4-15-05

Company Kana Operating Zone Tested Beattie-CW

Address P.O. Box 159 Stafford, KS 67578 Elevation 2437 KB 2425 GL

Co. Rep / Geo. Roger Martin Cont. Est. Ft. of Pay Por. %

Location: Sec. 11 Twp. 35S Rge. 30W Co. Meade State KS

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

Interval Tested 2995-3033 Initial Str Wt./Lbs. 60K Unseated Str Wt/Lbs. 64K

Anchor Length 38' Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 15K

Top Packer Depth 2990 Tool Weight 2K

Bottom Packer Depth 2995 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth [redacted] 3033 Wt. Pipe Run N/A Drill Collar Run 311

Mud Wt. 9.5 LCM 1# Vis. 33 WL N/C Drill Pipe Size 4.5XH Ft. Run 2682

Blow Description IF- Strong building blow, BOB in 3min, GTS in 24min 30sec,
ISI- Blowback in 30 sec, Built to BOB in 40 min
FF- Strong building blow, BOB ASAP, GTS ASAP, Gauged Gas:
FSI- Blowback in 10 sec, Built to BOB in 31 min.

Recovery - Total Feet 620 GIP 2682 Ft. in DC 311 Ft. in DP [redacted] 309

Rec. 186	Feet of GWM	15	%gas	%oil	20	%water	65	%mud
Rec. 372	Feet of [redacted] MW		%gas	%oil	85	%water	15	%mud
Rec. 62	Feet of [redacted] MW		%gas	%oil	95	%water	5	%mud
Rec.	Feet of		%gas	%oil		%water		%mud
Rec.	Feet of		%gas	%oil		%water		%mud

BHT 92 °F Gravity °API D @ °F Corrected Gravity °API

RW .125 @ 60 °F Chlorides 73000 ppm Recovery Chlorides 56,000 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1457 PSI	Recorder No.	6770 (7:15)	Test	Conventional	
(B) First Initial Flow Pressure		140 PSI	(depth)	2997	Jars	✓	
(C) First Final Flow Pressure		180 PSI	Recorder No.	10993	Safety Jt.	✓	
(D) Initial Shut-In Pressure		856 PSI	(depth)	3030	Circ Sub	✓ N/C	
(E) Second Initial Flow Pressure		178 PSI	Recorder No.		Sampler		
(F) Second Final Flow Pressure		255 PSI	(depth)		Straddle		
(G) Final Shut-In Pressure		855 PSI	**Initial Opening**	30	Ext. Packer		
(Q) Final Hydrostatic Mud		1451 PSI	Initial Shut-In	45	Shale Packer		
			Final Flow	60	Ruined Packer		
			Final Shut-In	60	Mileage	X 164	
			T-On Location	1830	Sub Total	$1364.00	
			T-Started	2000	Std. By	X 4.5 = $150.00	
			T-Open	0017	Other	Accessibility $150.00	
			T-Pulled	0332	Total	$1664.00	
			T-Out	0700			

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Approved By Roger Martin

Our Representative Dustin Lash

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Kama Operating (OPERATOR) | Adams 8-11 (WELL NAME AND NO.) | 2 (DST NO.)

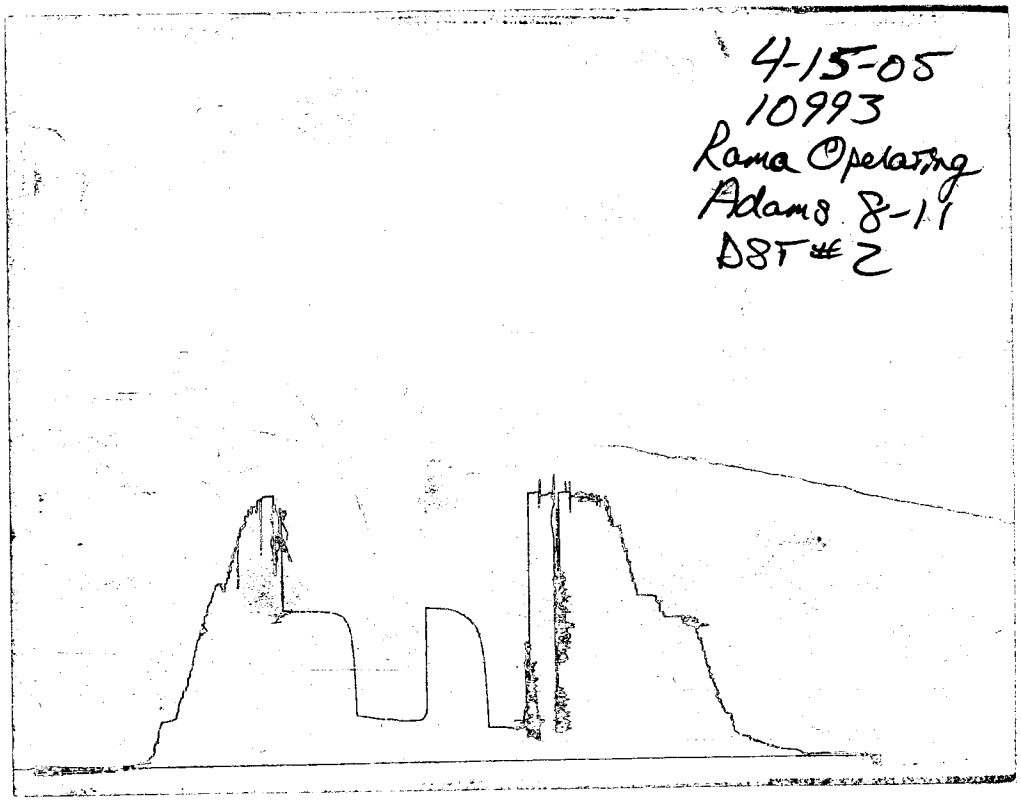
Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
5	TSTM	1/8	TSTM				
10	3	"	6.1				
15	3	"	6.1				
20	4	"	6.5				
25	4	"	6.5				
30	5	"	6.8				
35	5	"	6.8				
40	6	"	7.2				
45	7	"	7.5				
50	8	"	7.9				
55	9	"	8.2				
60	10	"	8.6				

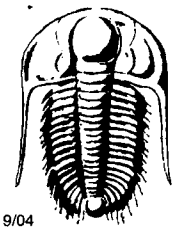
Remarks: Flammable

01 NCR

CHART PAGE

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





9/04

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

№ 21792

Test Ticket

Well Name & No. Adams 8-11 Test No. 3 Date 4-16-05

Company Rama Operating Zone Tested Red Eagle

Address P.O. Box 159 Stafford, KS 67578 Elevation 2437 KB 2425 GL

Co. Rep / Geo. Steve McClain Cont. _____ Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 11 Twp. 35S Rge. 30W Co. Meade State KS

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

Interval Tested 3137-3185 Initial Str Wt./Lbs. 61 Unseated Str Wt/Lbs. 64K

Anchor Length 48' Wt. Set Lbs. 28K Wt. Pulled Loose/Lbs. 15K

Top Packer Depth 3132 Tool Weight 2K ✓

Bottom Packer Depth 3137 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3185 Wt. Pipe Run N/A Drill Collar Run 311

Mud Wt. 9.5 LCM 1# Vis. 33 WL N/C Drill Pipe Size 4.5XH Ft. Run 2810

Blow Description IF- Strong Building blow, BOB in 30 sec, GTS in 3min. Gauged.
ISI- Blowback in 30 sec, Built to
FF- Collars Stuck, Pulled Tool,
FSI-

Recovery - Total Feet 388 GIP 2810 Ft. in DC 311 Ft. in DP 77

Rec. 77	Feet of Muddy Water	%gas	%oil 90	%water 10	%mud
Rec. 311	Feet of Muddy Water	%gas	%oil 95	%water 5	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 92 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

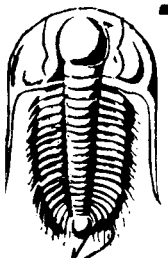
RW .91 @ 88 °F Chlorides 5200 ppm Recovery _____ Chlorides 56,000 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1496	PSI	Recorder No.	6770 (@135)	Test	Conventional 900
(B) First Initial Flow Pressure		838	PSI	(depth)	3139	Jars	200
(C) First Final Flow Pressure		927	PSI	Recorder No.	10993	Safety Jt. ✓	50
(D) Initial Shut-In Pressure		929	PSI	(depth)	3182	Circ Sub ✓ N/C	
(E) Second Initial Flow Pressure			PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			PSI	**Initial Opening**	20	Ext. Packer	
(Q) Final Hydrostatic Mud		1473	PSI	Initial Shut-In	130	Shale Packer	
				Final Flow		Ruined Packer	
				Final Shut-In		Mileage X164	164
				T-On Location	0130	Sub Total $ 1364.00	1314
				T-Started	0245	Std. By X7	120 150
				T-Open	0637	Other Accessibility	150
				T-Pulled	0830	Total: $	$1764
				T-Out	1630		

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Approved By _____

Our Representative Dustin Lash



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Lama Operating (OPERATOR) | Adams 8-11 (WELL NAME AND NO.) | 3 (DST NO.)

1st				2nd			
Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
5	90	1"	2694.5	5			
10	105	1"	3080.9	10			
15	120	1"	3467.3	15			
20	140	1"	3982.5	20			

Remarks: Flammable

CHART PAGE

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

