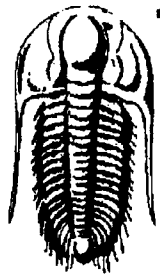


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

28 12 34W Logan KS

Frahm #1

Start Date: 2007.05.04 @ 16:37:00
End Date: 2007.05.04 @ 23:51:09
Job Ticket #: 26515 DST #: 1

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

DRILL STEM TEST REPORT

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26515 **DST#: 1**

Test Start: 2007.05.04 @ 16:37:00

GENERAL INFORMATION:

Formation: **Toronto**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:29:00
Time Test Ended: 23:51:09

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

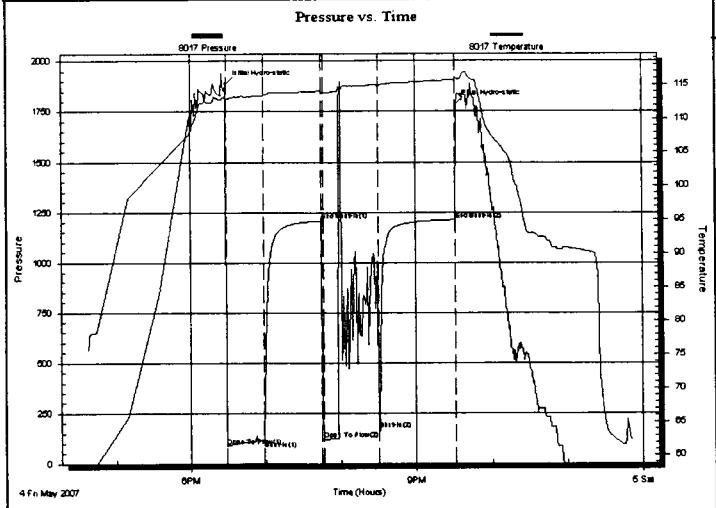
Interval: 3956.00 ft (KB) To 3991.00 ft (KB) (TVD)
Total Depth: 3991.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3105.00 ft (KB)
3095.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8017 **Inside**
Press@RunDepth: 167.63 psig @ 3961.00 ft (KB)
Start Date: 2007.05.04 End Date: 2007.05.04
Start Time: 16:37:01 End Time: 23:51:10

Capacity: 7000.00 psig
Last Calib.: 2007.05.05
Time On Btm: 2007.05.04 @ 18:28:30
Time Off Btm: 2007.05.04 @ 21:32:00

TEST COMMENT: IF Surface blow built to 4 "
ISI No return.
FF No blow, flushed tool @ 12 min. 1 " blow
FSI No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1888.39	113.07	Initial Hydro-static
1	84.52	112.70	Open To Flow (1)
31	115.38	113.41	Shut-In(1)
77	1207.58	114.06	End Shut-In(1)
78	117.99	113.74	Open To Flow (2)
122	167.63	114.78	Shut-In(2)
183	1212.22	115.69	End Shut-In(2)
184	1786.95	115.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
94.00	M 100%M	0.46
186.00	WCM 20%W 80%M	0.91

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26515 **DST#: 1**

Test Start: 2007.05.04 @ 16:37:00

Tool Information

Drill Pipe:	Length:	3434.00 ft	Diameter:	3.80 inches	Volume:	48.17 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	528.00 ft	Diameter:	2.25 inches	Volume:	2.60 bbl	
					Total Volume:	50.77 bbl	

Drill Pipe Above KB:	26.00 ft
Depth to Top Packer:	3956.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	35.00 ft
Tool Length:	55.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	1500.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	123000.0 lb
Tool Chased	0.00 ft
String Weight: Initial	88000.00 lb
Final	89000.00 lb

Tool Comments:
Tool slid 6 feet before first open.
Tool slid another 4-5 feet after the flush.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3937.00		
Shut In Tool	5.00			3942.00		
Hydraulic tool	5.00			3947.00		
Packer	5.00			3952.00	20.00	Bottom Of Top Packer
Packer	4.00			3956.00		
Stubb	1.00			3957.00		
Perforations	4.00			3961.00		
Recorder	0.00	8017	Inside	3961.00		
Perforations	25.00			3986.00		
Recorder	0.00	13309	Inside	3986.00		
Bullnose	5.00			3991.00	35.00	Bottom Packers & Anchor
Total Tool Length:	**55.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26515 **DST#: 1**

Test Start: 2007.05.04 @ 16:37:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	18000 ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.17 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

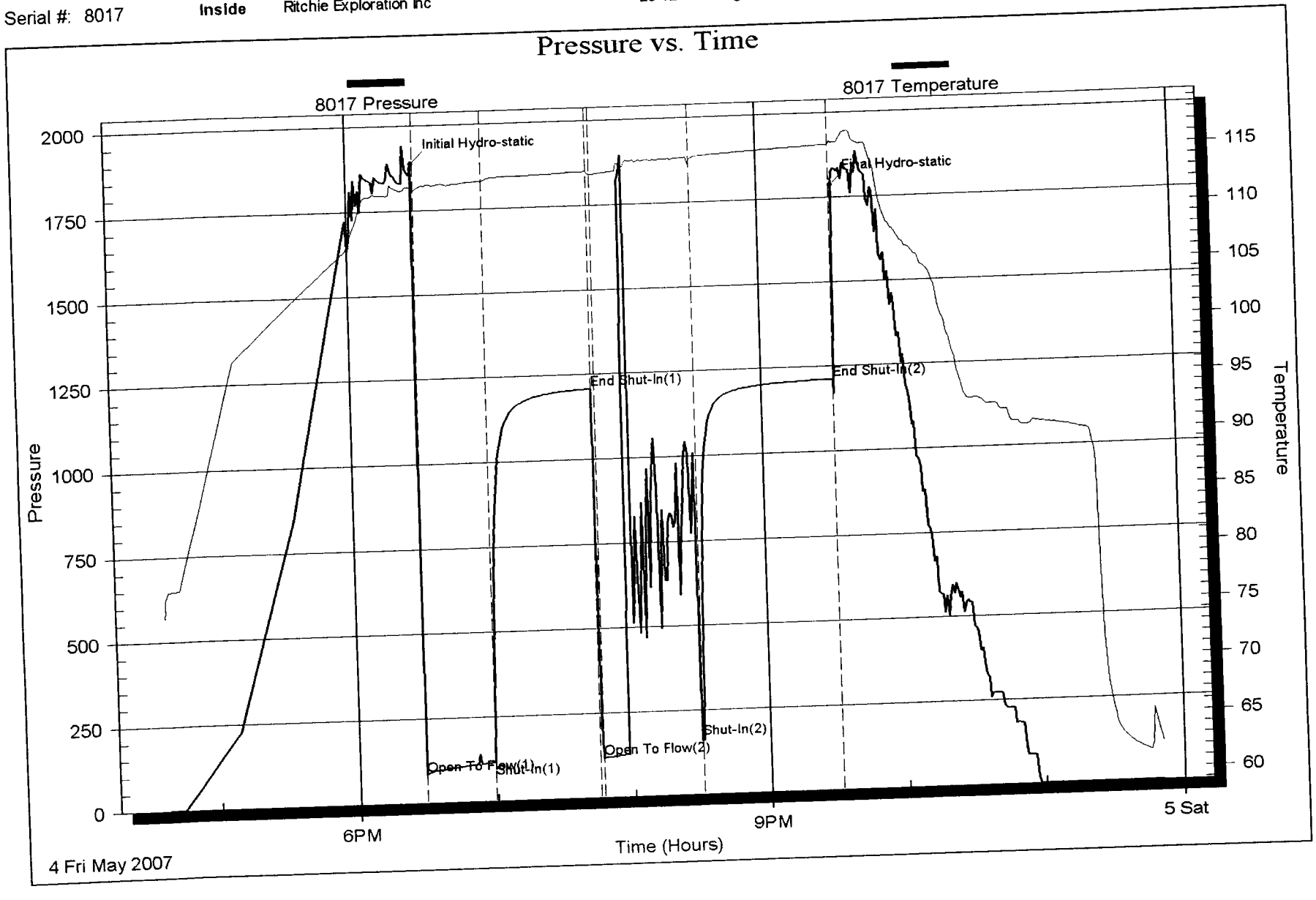
Length ft	Description	Volume bbl
94.00	M 100%M	0.462
186.00	WCM 20%W 80%M	0.915

Total Length: 280.00 ft Total Volume: 1.377 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW; .426 @ 65 degrees F = 18000 chlorides.


Pressure vs. Time
8017 Pressure
8017 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
Time (Hours)
2000
1750
1500
1250
1000
750
500
250
0
115
110
105
100
95
90
85
80
75
70
65
60
6PM
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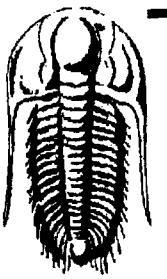
5 Sat
4 Fri May 2007



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

28 12 34W Logan KS

Frahm #1

Start Date: 2007.05.05 @ 23:04:00
End Date: 2007.05.06 @ 06:04:50
Job Ticket #: 26516 DST #: 2

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

DRILL STEM TEST REPORT

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26516 **DST#: 2**

Test Start: 2007.05.05 @ 23:04:00

GENERAL INFORMATION:

Formation: **Lansing "E"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:01:10
Time Test Ended: 06:04:50

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

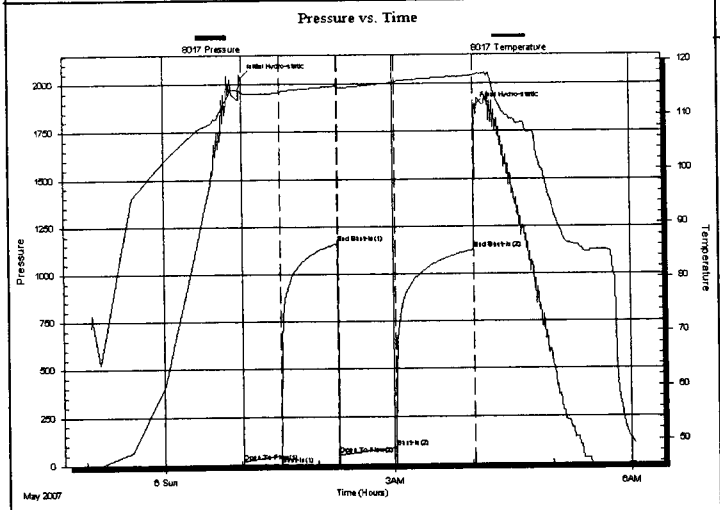
Interval: 4070.00 ft (KB) To 4089.00 ft (KB) (TVD)
Total Depth: 4089.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3105.00 ft (KB)
3095.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8017 **Inside**
Press@RunDepth: 84.99 psig @ 4074.00 ft (KB)
Start Date: 2007.05.05 End Date: 2007.05.06
Start Time: 23:04:01 End Time: 06:04:50

Capacity: 7000.00 psig
Last Calib.: 2007.05.06
Time On Btm: 2007.05.06 @ 01:01:00
Time Off Btm: 2007.05.06 @ 04:02:20

TEST COMMENT: IF: Surface blow built to 2".
ISI: No return.
FF: Surface blow built to 1".
FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2033.87	114.62	Initial Hydro-static
1	16.04	113.78	Open To Flow (1)
30	45.19	114.18	Shut-In(1)
76	1160.58	115.37	End Shut-In(1)
76	47.99	115.10	Open To Flow (2)
121	84.99	115.96	Shut-In(2)
181	1126.40	117.20	End Shut-In(2)
182	1878.11	117.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
135.00	MCW	0.66
15.00	M 100%M	0.07

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26516 **DST#: 2**

Test Start: 2007.05.05 @ 23:04:00

Tool Information

Drill Pipe:	Length:	3552.00 ft	Diameter:	3.80 inches	Volume:	49.83 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	528.00 ft	Diameter:	2.25 inches	Volume:	2.60 bbl	
					Total Volume:	52.43 bbl	

Drill Pipe Above KB:	30.00 ft
Depth to Top Packer:	4070.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	19.00 ft
Tool Length:	39.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	1500.00 lb
Weight set on Packer:	27000.00 lb
Weight to Pull Loose:	12000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	90000.00 lb
Final	90000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4051.00		
Shut In Tool	5.00			4056.00		
Hydraulic tool	5.00			4061.00		
Packer	5.00			4066.00	20.00	Bottom Of Top Packer
Packer	4.00			4070.00		
Stubb	1.00			4071.00		
Perforations	3.00			4074.00		
Recorder	0.00	8017	Inside	4074.00		
Perforations	10.00			4084.00		
Recorder	0.00	13309	Inside	4084.00		
Bullnose	5.00			4089.00	19.00	Bottom Packers & Anchor
Total Tool Length:	**39.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26516 **DST#: 2**

Test Start: 2007.05.05 @ 23:04:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	28000 ppm
Viscosity:	64.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3200.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

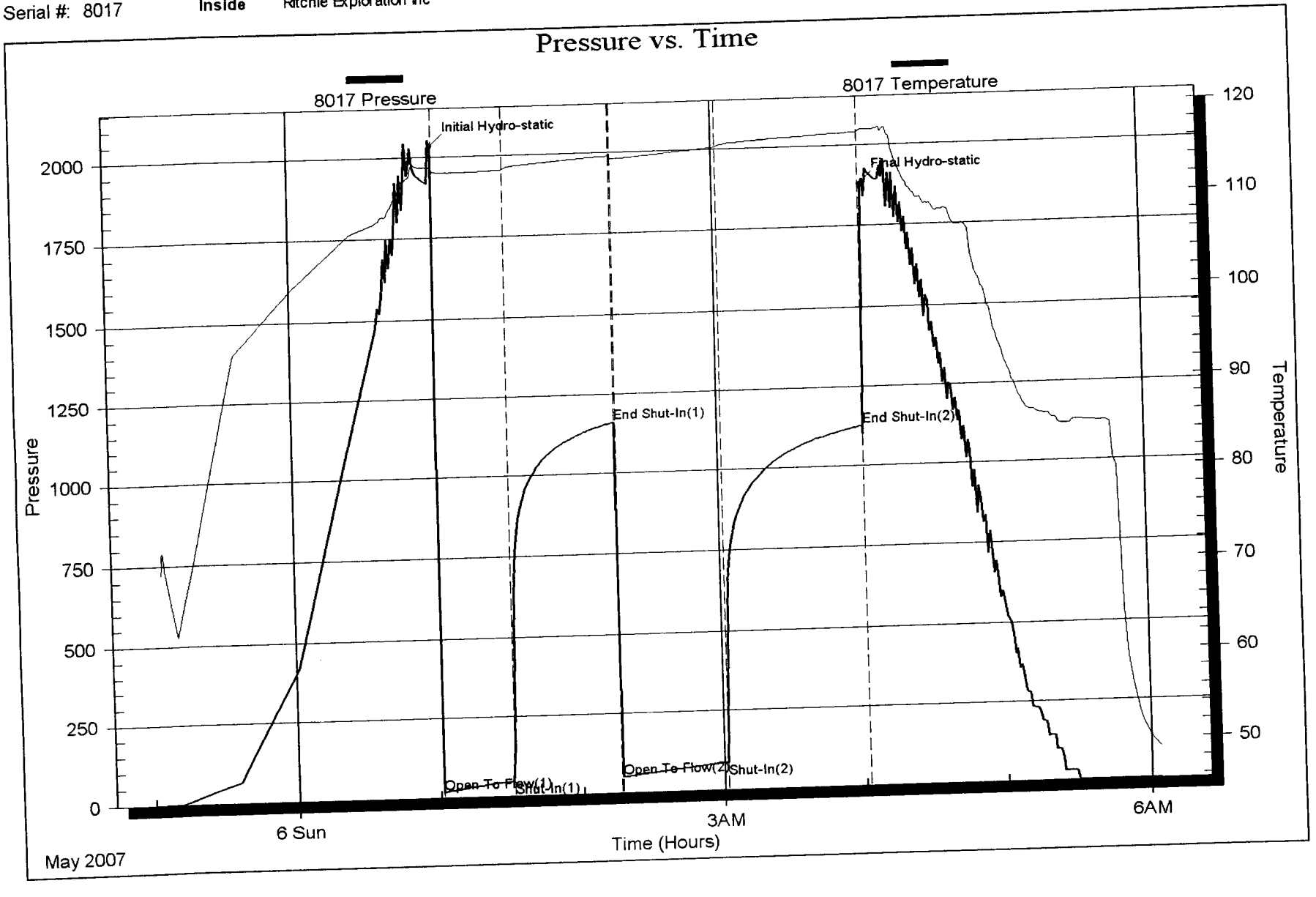
Length ft	Description	Volume bbl
135.00	MCW	0.664
15.00	M 100%M	0.074

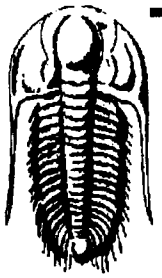
Total Length: 150.00 ft Total Volume: 0.738 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW; .305 @ 53 degrees F = 28000 chlorides.


Pressure vs. Time
8017 Pressure
8017 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
Time (Hours)
6 Sun
3AM
6AM
May 2007
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
50



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

28 12 34W Logan KS

Frahm #1

Start Date: 2007.05.06 @ 17:01:00
End Date: 2007.05.06 @ 23:39:50
Job Ticket #: 26517 DST #: 3

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

DRILL STEM TEST REPORT

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26517 **DST#: 3**

Test Start: 2007.05.06 @ 17:01:00

GENERAL INFORMATION:

Formation: **KC "H"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:37:50
Time Test Ended: 23:39:50

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

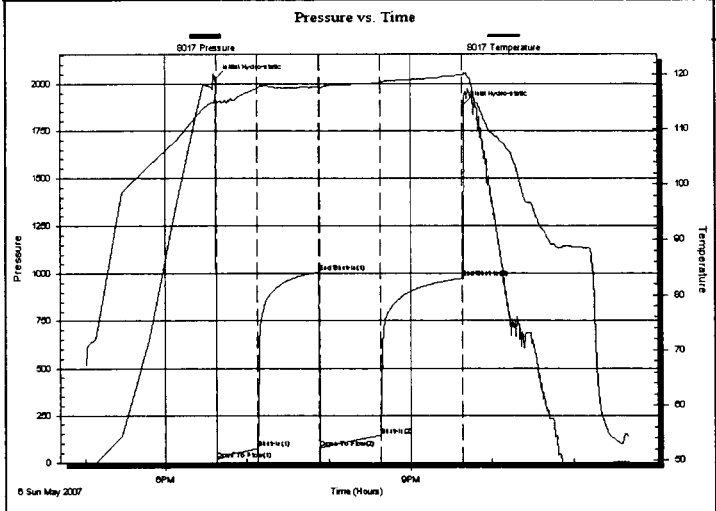
Interval: 4150.00 ft (KB) To 4185.00 ft (KB) (TVD)
Total Depth: 4185.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3105.00 ft (KB)
3095.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8017 **Inside**
Press@RunDepth: 144.17 psig @ 4155.00 ft (KB)
Start Date: 2007.05.06 End Date: 2007.05.06
Start Time: 17:01:01 End Time: 23:39:50

Capacity: 7000.00 psig
Last Calib.: 2007.05.06
Time On Btm: 2007.05.06 @ 18:37:40
Time Off Btm: 2007.05.06 @ 21:39:20

TEST COMMENT: IF Surface blow built to 4 "
ISI Weak return died in 10 seconds.
FF Surface blow built to 4 "
FSI No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2031.65	115.31	Initial Hydro-static
1	17.10	114.15	Open To Flow (1)
31	73.30	117.41	Shut-In(1)
75	1009.03	117.61	End Shut-In(1)
76	76.18	117.29	Open To Flow (2)
121	144.17	118.37	Shut-In(2)
181	974.91	119.71	End Shut-In(2)
182	1888.78	120.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	WCM 15%W 85%M	0.91
63.00	MCW 35%M 65%W	0.31
31.00	M 100%M	0.15

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26517 **DST#: 3**

Test Start: 2007.05.06 @ 17:01:00

Tool Information

Drill Pipe:	Length:	3615.00 ft	Diameter:	3.80 inches	Volume:	50.71 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	528.00 ft	Diameter:	2.25 inches	Volume:	2.60 bbl	
					Total Volume:	53.31 bbl	

Tool Weight:	1500.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	121000.0 lb
Tool Chased	0.00 ft
String Weight: Initial	91000.00 lb
Final	92000.00 lb

Drill Pipe Above KB:	13.00 ft		
Depth to Top Packer:	4150.00 ft		
Depth to Bottom Packer:	ft		
Interval betw een Packers:	35.00 ft		
Tool Length:	55.00 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			4131.00		
Shut In Tool	5.00			4136.00		
Hydraulic tool	5.00			4141.00		
Packer	5.00			4146.00	20.00	Bottom Of Top Packer
Packer	4.00			4150.00		
Stubb	1.00			4151.00		
Perforations	4.00			4155.00		
Recorder	0.00	8017	Inside	4155.00		
Perforations	25.00			4180.00		
Recorder	0.00	13309	Inside	4180.00		
Bullnose	5.00			4185.00	35.00	Bottom Packers & Anchor
Total Tool Length:	**55.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26517 **DST#: 3**

Test Start: 2007.05.06 @ 17:01:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	30000 ppm
Viscosity:	61.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.77 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3800.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	WCM 15%W 85%M	0.915
63.00	MCW 35%M 65%W	0.310
31.00	M 100%M	0.152

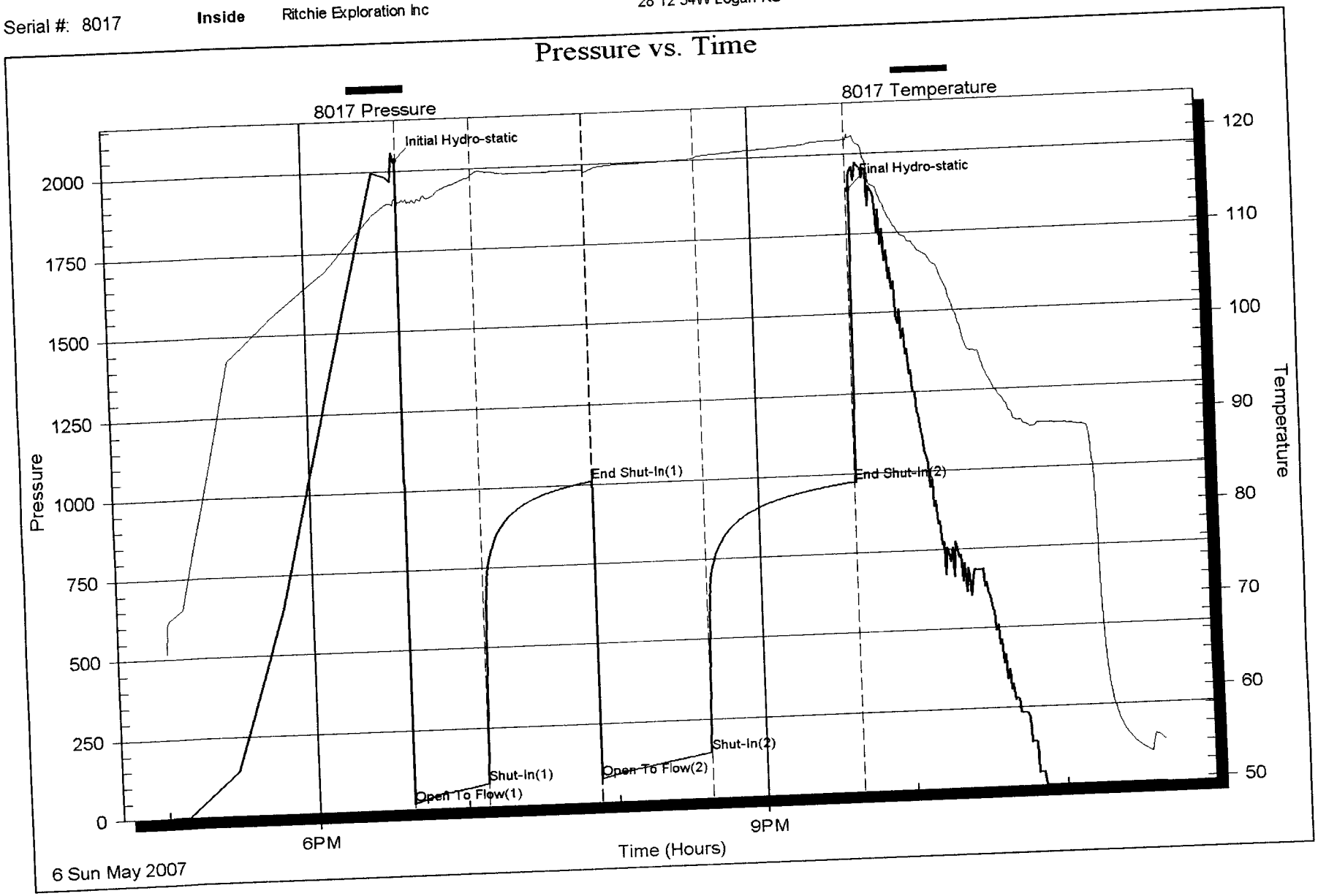
Total Length: 280.00 ft Total Volume: 1.377 bbl

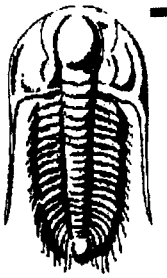
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Spots of Oil in 280 feet of recovery and in tool.
RW; .288 @ 57 degrees F = 30000 chlorides.

Serial #: 8017 **Inside** Ritchie Exploration Inc 28 12 34W Logan KS DST Test Number: 3





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

28 12 34W Logan KS

Frahm #1

Start Date: 2007.05.07 @ 07:23:00
End Date: 2007.05.07 @ 14:17:50
Job Ticket #: 26518 DST #: 4

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

DRILL STEM TEST REPORT

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26518 **DST#: 4**

Test Start: 2007.05.07 @ 07:23:00

GENERAL INFORMATION:

Formation: **KC "I"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:59:20
Time Test Ended: 14:17:50

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

Interval: 4189.00 ft (KB) To 4220.00 ft (KB) (TVD)
Total Depth: 4220.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

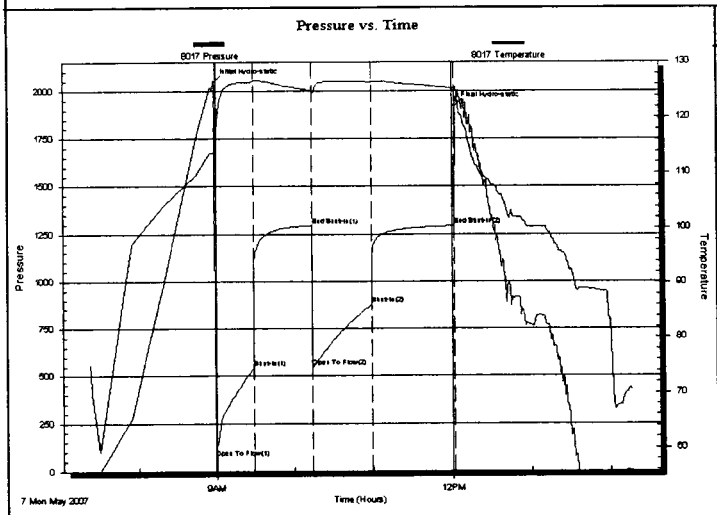
Reference Elevations: 3105.00 ft (KB)
3095.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8017 **Inside**

Press@RunDepth: 877.97 psig @ 4190.00 ft (KB)
Start Date: 2007.05.07 End Date: 2007.05.07
Start Time: 07:23:01 End Time: 14:17:50

Capacity: 7000.00 psig
Last Calib.: 2007.05.07
Time On Btm: 2007.05.07 @ 08:58:50
Time Off Btm: 2007.05.07 @ 12:02:00

TEST COMMENT: IF BOB @ 3 1/2min.
ISI No return
FF BOB @ 4 1/2 min.
FSI No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2047.19	113.58	Initial Hydro-static
1	69.13	112.94	Open To Flow (1)
31	541.83	126.47	Shut-In(1)
76	1296.44	124.86	End Shut-In(1)
76	545.04	124.58	Open To Flow (2)
121	877.97	126.43	Shut-In(2)
183	1292.94	125.20	End Shut-In(2)
184	1920.31	125.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100%M	0.15
1670.00	MCW 20%M 80%W	18.89
190.00	MCW 40%M 60%W	2.67
10.00	MCW 30%M 70%W	0.14

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26518 **DST#: 4**

Test Start: 2007.05.07 @ 07:23:00

Tool Information

Drill Pipe:	Length:	3646.00 ft	Diameter:	3.80 inches	Volume:	51.14 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	528.00 ft	Diameter:	2.25 inches	Volume:	2.60 bbl	
					Total Volume:	53.74 bbl	

Drill Pipe Above KB:	5.00 ft
Depth to Top Packer:	4189.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	31.00 ft
Tool Length:	51.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	1500.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	122000.0 lb
Tool Chased	0.00 ft
String Weight: Initial	92000.00 lb
Final	98000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4170.00		
Shut In Tool	5.00			4175.00		
Hydraulic tool	5.00			4180.00		
Packer	5.00			4185.00	20.00	Bottom Of Top Packer
Packer	4.00			4189.00		
Stubb	1.00			4190.00		
Recorder	0.00	8017	Inside	4190.00		
Perforations	25.00			4215.00		
Recorder	0.00	13309	Inside	4215.00		
Bullnose	5.00			4220.00	31.00	Bottom Packers & Anchor
Total Tool Length:	**51.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26518 **DST#: 4**

Test Start: 2007.05.07 @ 07:23:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	30000 ppm
Viscosity:	61.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4100.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

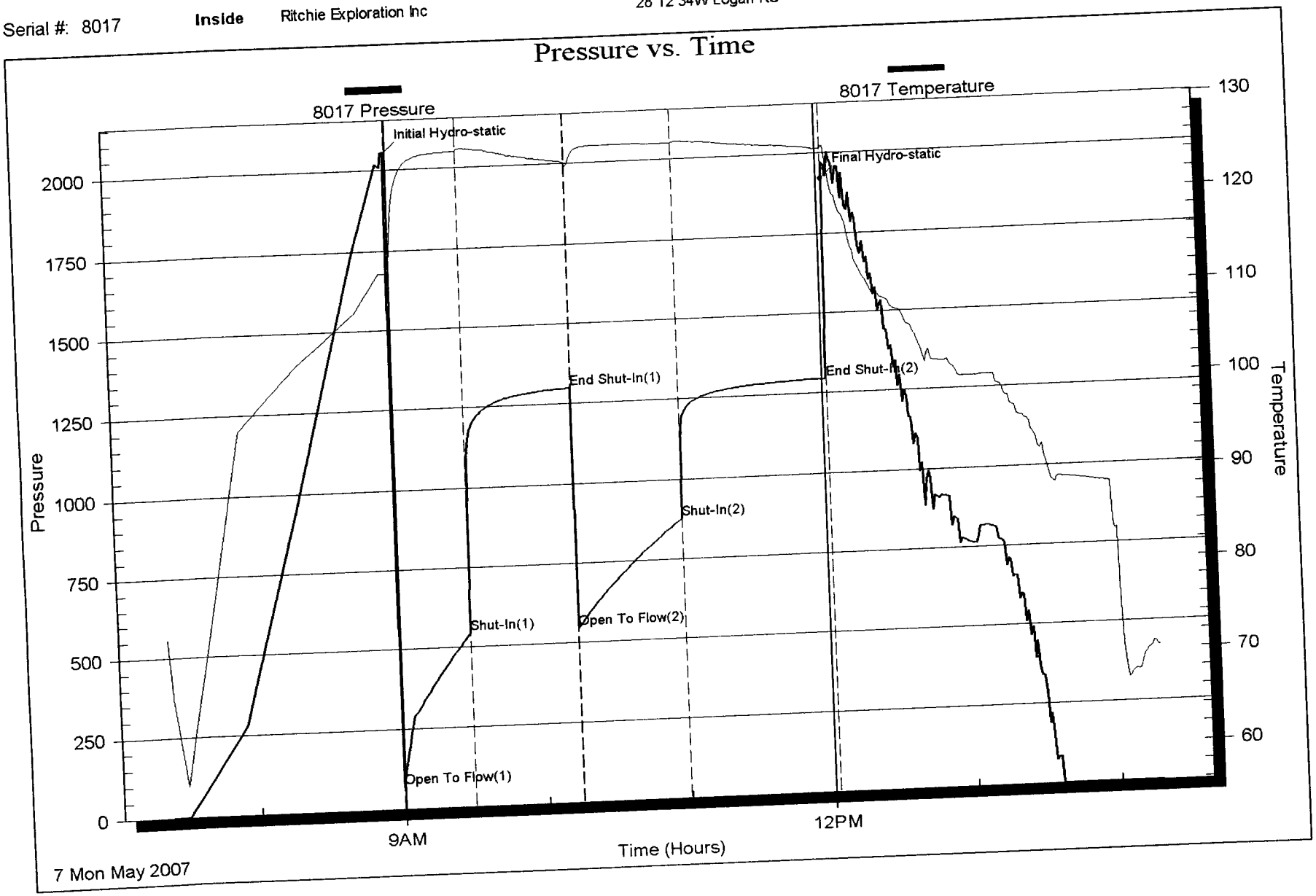
Length ft	Description	Volume bbl
30.00	100%M	0.148
1670.00	MCW 20%M 80%W	18.889
190.00	MCW 40%M 60%W	2.665
10.00	MCW 30%M 70%W	0.140

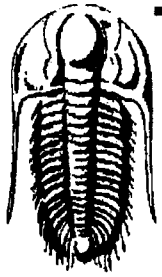
Total Length: 1900.00 ft Total Volume: 21.842 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Dropped the bar on 1700 feet of fluid.
Spot of Oil in top 10 feet.


Pressure vs. Time
8017 Pressure
8017 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
Time (Hours)
9AM
12PM
7 Mon May 2007
2000
1750
1500
1250
1000
750
500
250
0
130
120
110
100
90
80
70
60



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

28 12 34W Logan KS

Frahm #1

Start Date: 2007.05.07 @ 21:38:30
End Date: 2007.05.08 @ 03:23:39
Job Ticket #: 26519 DST #: 5

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

DRILL STEM TEST REPORT

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26519 **DST#: 5**

Test Start: 2007.05.07 @ 21:38:30

GENERAL INFORMATION:

Formation: **KC "J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:27:10
Time Test Ended: 03:23:39

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

Interval: 4225.00 ft (KB) To 4238.00 ft (KB) (TVD)
Total Depth: 4238.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

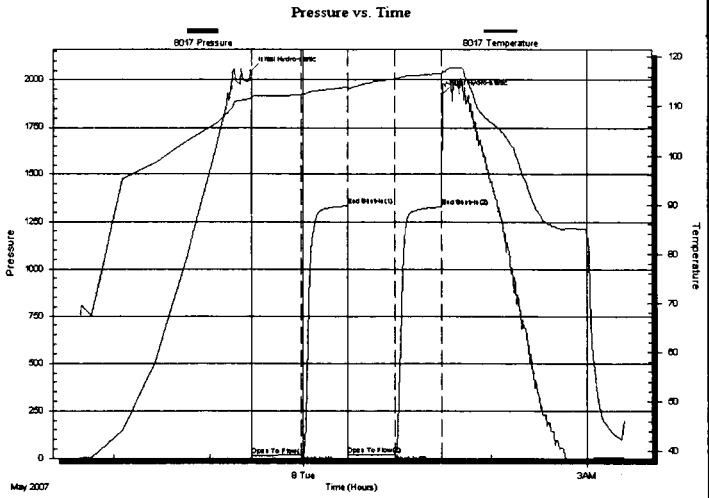
Reference Elevations: 3105.00 ft (KB)
3095.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8017 **Inside**

Press@RunDepth: 21.63 psig @ 4228.00 ft (KB)
Start Date: 2007.05.07 End Date: 2007.05.08
Start Time: 21:38:31 End Time: 03:23:40

Capacity: 7000.00 psig
Last Calib.: 2007.05.08
Time On Btm: 2007.05.07 @ 23:26:50
Time Off Btm: 2007.05.08 @ 01:29:20

TEST COMMENT: IF Surface blow died @ 20 min.
ISI No return
FF No blow
FSI No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.87	111.84	Initial Hydro-static
1	14.32	111.45	Open To Flow (1)
32	17.93	112.34	Shut-In(1)
62	1333.70	113.84	End Shut-In(1)
62	17.62	113.02	Open To Flow (2)
92	21.63	115.50	Shut-In(2)
123	1329.21	116.61	End Shut-In(2)
123	1924.96	117.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26519 **DST#: 5**

Test Start: 2007.05.07 @ 21:38:30

Tool Information

Drill Pipe:	Length:	3707.00 ft	Diameter:	3.80 inches	Volume:	52.00 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	528.00 ft	Diameter:	2.25 inches	Volume:	2.60 bbl	
					Total Volume:	54.60 bbl	

Drill Pipe Above KB:	30.00 ft
Depth to Top Packer:	4225.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	13.00 ft
Tool Length:	33.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	1500.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	120000.0 lb
Tool Chased	0.00 ft
String Weight: Initial	92000.00 lb
Final	92000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4206.00		
Shut In Tool	5.00			4211.00		
Hydraulic tool	5.00			4216.00		
Packer	5.00			4221.00	20.00	Bottom Of Top Packer
Packer	4.00			4225.00		
Stubb	1.00			4226.00		
Perforations	2.00			4228.00		
Recorder	0.00	8017	Inside	4228.00		
Perforations	5.00			4233.00		
Recorder	0.00	13276	Inside	4233.00		
Bullnose	5.00			4238.00	13.00	Bottom Packers & Anchor
Total Tool Length:	**33.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26519 **DST#: 5**

Test Start: 2007.05.07 @ 21:38:30

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4100.00 ppm				
Filter Cake:	1.00 inches				

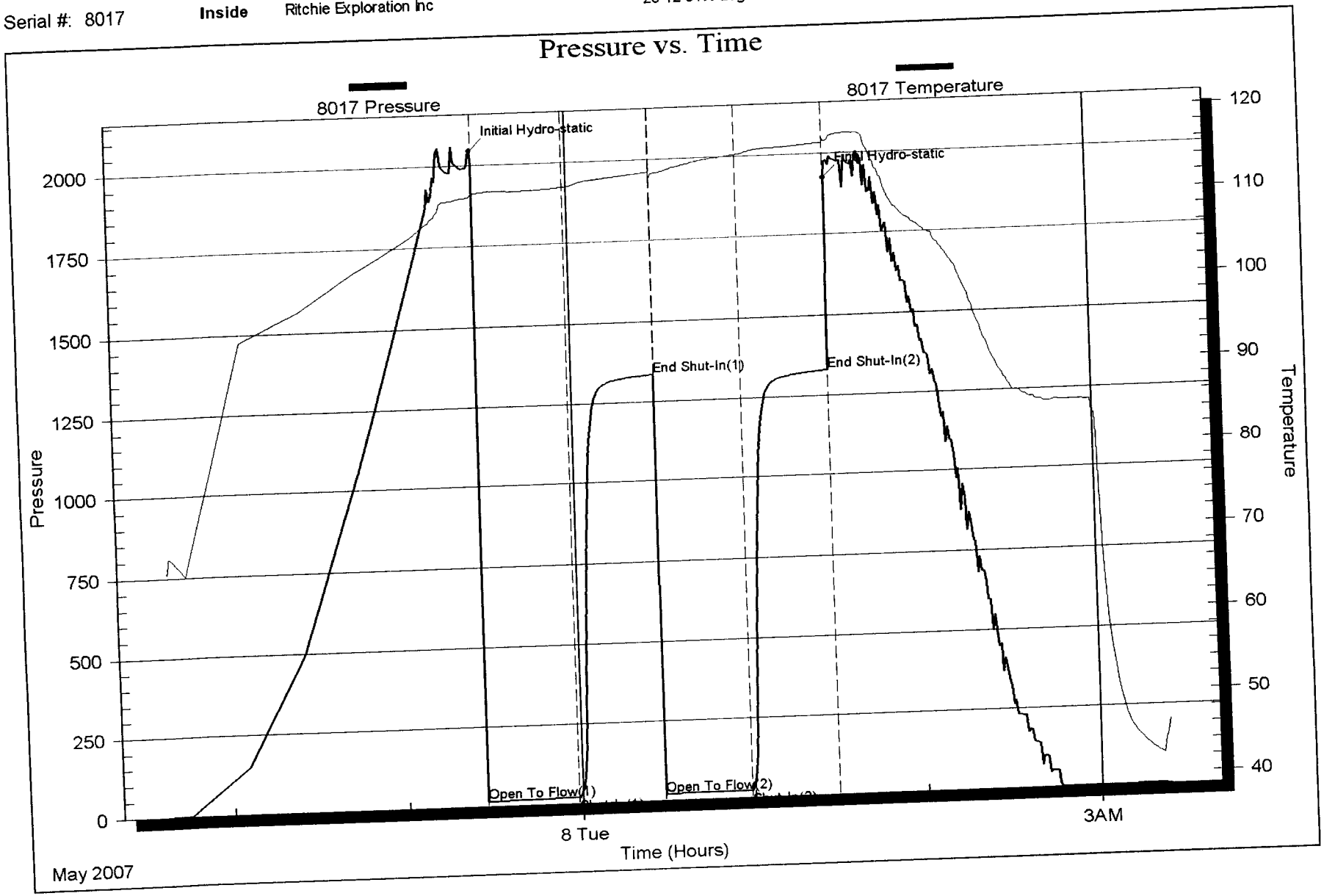
Recovery Information

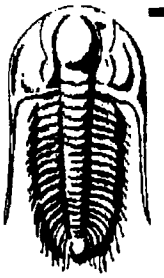
Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	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
8017 Pressure
8017 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
Time (Hours)
8 Tue
3AM
May 2007
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
50
40



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

28 12 34W Logan KS

Frahm #1

Start Date: 2007.05.08 @ 11:30:00
End Date: 2007.05.08 @ 18:08:09
Job Ticket #: 26520 DST #: 6

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

DRILL STEM TEST REPORT

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26520 **DST#: 6**

Test Start: 2007.05.08 @ 11:30:00

GENERAL INFORMATION:

Formation: **KC "K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:16:40
Time Test Ended: 18:08:09

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

Interval: 4244.00 ft (KB) To 4270.00 ft (KB) (TVD)
Total Depth: 4270.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

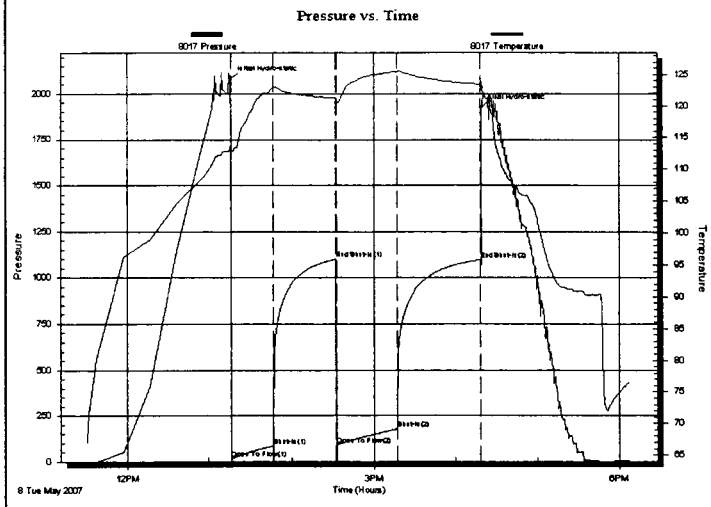
Reference Elevations: 3105.00 ft (KB)
3095.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8017 **Inside**

Press@RunDepth: 177.53 psig @ 4245.00 ft (KB)
Start Date: 2007.05.08 End Date: 2007.05.08
Start Time: 11:30:01 End Time: 18:08:10

Capacity: 7000.00 psig
Last Calib.: 2007.05.08
Time On Btm: 2007.05.08 @ 13:16:20
Time Off Btm: 2007.05.08 @ 16:18:40

TEST COMMENT: IF Surface blow built to 5 1/4".
ISI Weak return died @ 9 min.
FF Surface blow built to 6".
FSI Weak return died < 1 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.90	113.53	Initial Hydro-static
1	14.35	112.74	Open To Flow (1)
31	85.54	122.83	Shut-In(1)
76	1100.33	121.27	End Shut-In(1)
76	88.96	120.80	Open To Flow (2)
121	177.53	125.46	Shut-In(2)
182	1096.76	123.47	End Shut-In(2)
183	1922.27	123.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	WCM 40%W 60%M	0.32
95.00	WCM 40%W 60%M	0.47
190.00	MCW 10%M 90%M	0.93

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26520 **DST#: 6**

Test Start: 2007.05.08 @ 11:30:00

Tool Information

Drill Pipe:	Length:	3710.00 ft	Diameter:	3.80 inches	Volume:	52.04 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	528.00 ft	Diameter:	2.25 inches	Volume:	2.60 bbl	
					Total Volume:	54.64 bbl	

Drill Pipe Above KB:	14.00 ft
Depth to Top Packer:	4244.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	26.00 ft
Tool Length:	46.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	1500.00 lb
Weight set on Packer:	28000.00 lb
Weight to Pull Loose:	120000.0 lb
Tool Chased	0.00 ft
String Weight: Initial	92000.00 lb
Final	92000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4225.00		
Shut In Tool	5.00			4230.00		
Hydraulic tool	5.00			4235.00		
Packer	5.00			4240.00	20.00	Bottom Of Top Packer
Packer	4.00			4244.00		
Stubb	1.00			4245.00		
Recorder	0.00	8017	Inside	4245.00		
Perforations	20.00			4265.00		
Recorder	0.00	13309	Inside	4265.00		
Bullnose	5.00			4270.00	26.00	Bottom Packers & Anchor
Total Tool Length:	**46.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

PO Box 783188
Wichita KS 67278-3188

ATTN: Roger Fisher

Frahm #1

28 12 34W Logan KS

Job Ticket: 26520 **DST#: 6**

Test Start: 2007.05.08 @ 11:30:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	30000 ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.40 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4700.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

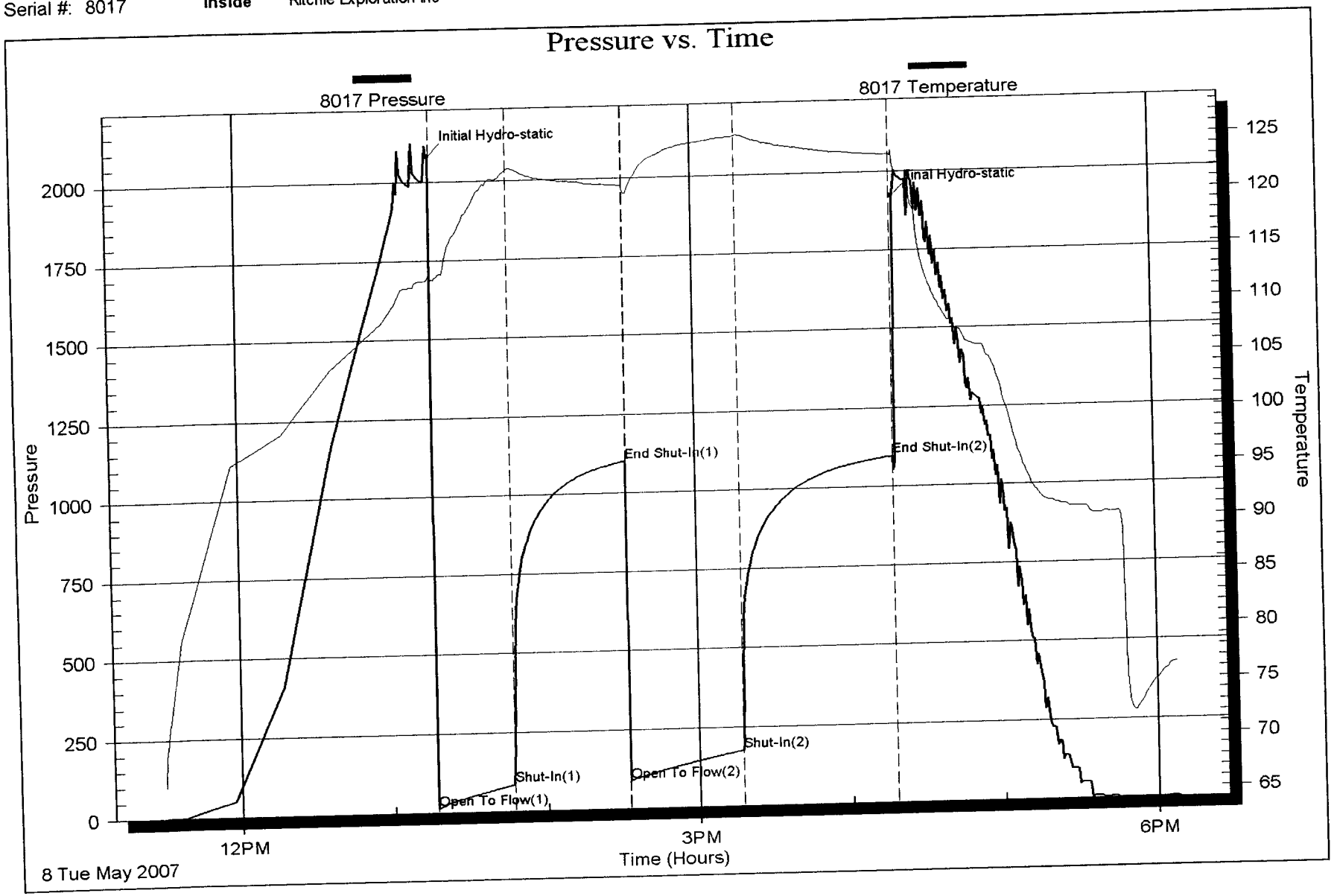
Length ft	Description	Volume bbl
65.00	WCM 40%W 60%M	0.320
95.00	WCM 40%W 60%M	0.467
190.00	MCW 10%M 90%M	0.934

Total Length: 350.00 ft Total Volume: 1.721 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Spot of Oil in 65 feet of recovery.
RW; .203 @ 76 degrees F = 30000 chlorides.


Pressure vs. Time
8017 Pressure
8017 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
Time (Hours)
12PM
3PM
6PM
8 Tue May 2007
0
250
500
750
1000
1250
1500
1750
2000
65
70
75
80
85
90
95
100
105
110
115
120
125

TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

10/05

26515

10139

Test Ticket

Well Name & No. Frahm #1 Test No. 1 Date 5-4-07

Company Ritchie Exploration, Inc. Zone Tested Toronto

Address POB 783188 Wichita, KS 67278-3188 Elevation 3105 KB 3095 GL

Co. Rep / Geo. Roger Fisher Rig Murfin #14

Location: Sec. 28 Twp. 12s Rge. 34w Co. Logan State KS

Comment: Release date / time:

Interval Tested 3956 to 3991 Initial Str Wt./Lbs. 88,000 Unseated Str Wt/Lbs. 89,000

Anchor Length 35 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 123,000

Top Packer Depth 3952 Tool Weight 1,500

Bottom Packer Depth 3956 Hole Size 7 7/8" X Rubber Size 6 3/4" X

Total Depth 3991 Wt. Pipe Run 0 Drill Collar Run 528

Mud Wt. 9.0 LCM 1 Vis. 52 WL 7.2 Drill Pipe Size 4½XH Ft. Run 3434

Flow Description IF: Surface blow built to 4". Tool slid 6' to first open

ISI: No return.

FF: No blow, flushed tool @ 12min., 1" blow. Tool slid 4-5' after flush

FSI: No return. below the level of first ope

Recovery - Total Feet 280 GIP 0 Ft. in DC 280 Ft. in DP 0

Rec. 94	Feet of M	%gas	%oil	%water 100	%mud		
Rec. 186	Feet of WCM	%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		

BHT 116 °F Gravity — °API D @ — °F Corrected Gravity — °API

MW .426 @ 65 °F Chlorides 18,000 ppm Recovery 18,000 Chlorides 3,000 ppm System

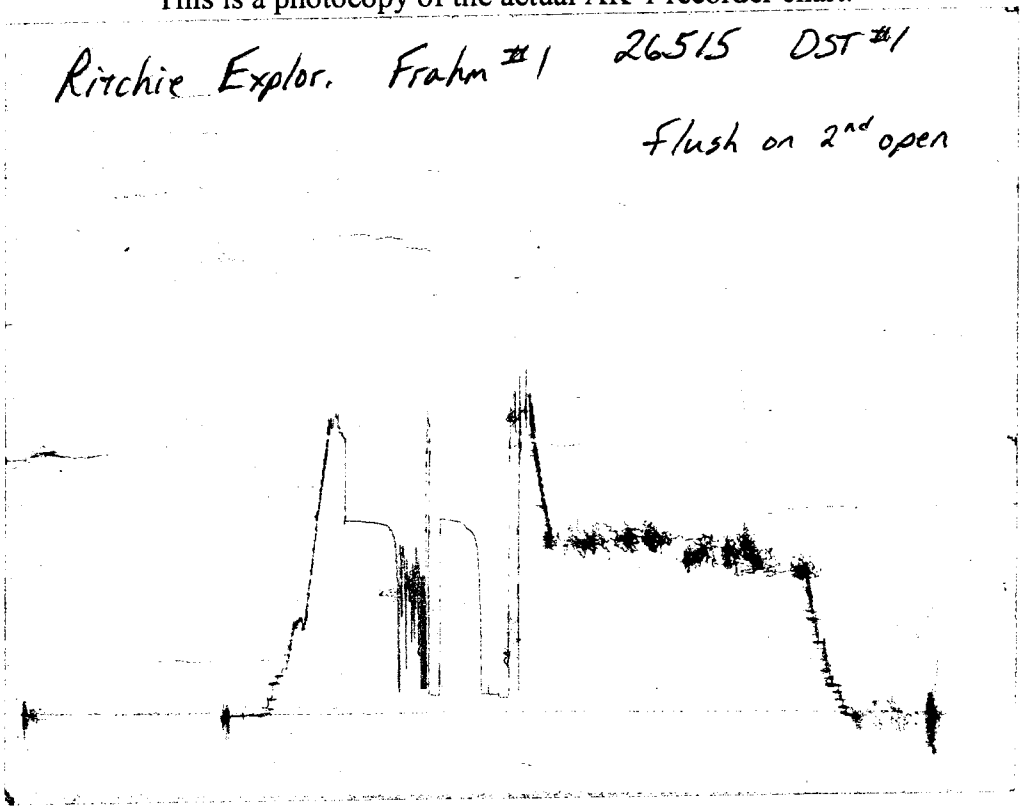
	AK-1	Alpine					
A) Initial Hydrostatic Mud		1,889 PSI	Recorder No.	8017	Test X	1,100	
B) First Initial Flow Pressure		85 PSI	(depth)	3961	Jars		
C) First Final Flow Pressure		115 PSI	Recorder No.	13309	Safety Jt.		
D) Initial Shut-In Pressure		1,208 PSI	(depth)	3986	Circ Sub X	N/C	
E) Second Initial Flow Pressure		118 PSI	Recorder No.		Sampler		
F) Second Final Flow Pressure		168 PSI	(depth)		Straddle		
G) Final Shut-In Pressure		1,212 PSI	**Initial Opening**	30	Ext. Packer		
H) Final Hydrostatic Mud		1,837 PSI	Initial Shut-In	45	Shale Packer		
			Final Flow	45	Ruined Packer		
			Final Shut-In	60	Mileage 135 RT	168.75	
			T-On Location	14:49	Sub Total:		
			T-Started	16:37	Std. By		
			T-Open	18:29	Acc. Chg:	1268.75	
			T-Pulled	21:31	Other:		
			T-Out	23:51	Total:		

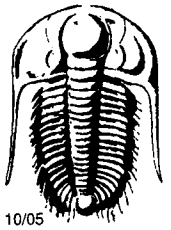
Approved By

Our Representative Chuck Smith

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

26516

Test Ticket

Well Name & No. Frahm #1 Test No. 2 Date 5-5-07

Company Ritchie Exploration, Inc. Zone Tested Lansing "E"

Address POB 783188 Wichita, KS 67278-3188 Elevation 3105 KB 3095 GL

Co. Rep / Geo. Roger Fisher Rig Murfin #14

Location: Sec. 28 Twp. 12s Rge. 34w Co. Logan State KS

Comment: Release date / time:

Interval Tested 4070 to 4089 Initial Str Wt./Lbs. 90,000 Unseated Str Wt/Lbs. 90,000

Anchor Length 19 Wt. Set Lbs. 27,000 Wt. Pulled Loose/Lbs. 120,000

Top Packer Depth 4066 Tool Weight 1,500

Bottom Packer Depth 4070 Hole Size 7 7/8" X Rubber Size 6 3/4" X

Total Depth 4089 Wt. Pipe Run 0 Drill Collar Run 528

Mud Wt. 9.1 LCM 1 Vis. 64 WL 8.0 Drill Pipe Size 4½ XH Ft. Run 3,552

Blow Description IF: Surface blow built to 2".
ISI: No return.
FF: Surface blow built to 1".
FSI: No return.

Recovery - Total Feet 150 GIP 0 Ft. in DC 150 Ft. in DP 0

Rec. 135	Feet of MCW	%gas	%oil	65 %water	35 %mud
Rec. 15	Feet of Mud	%gas	%oil	%water 100	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 117 °F Gravity — °API D @ — °F Corrected Gravity — °API

RW .305 @ 53 °F Chlorides 28,000 ppm Recovery 28,000 Chlorides 3,200 ppm System

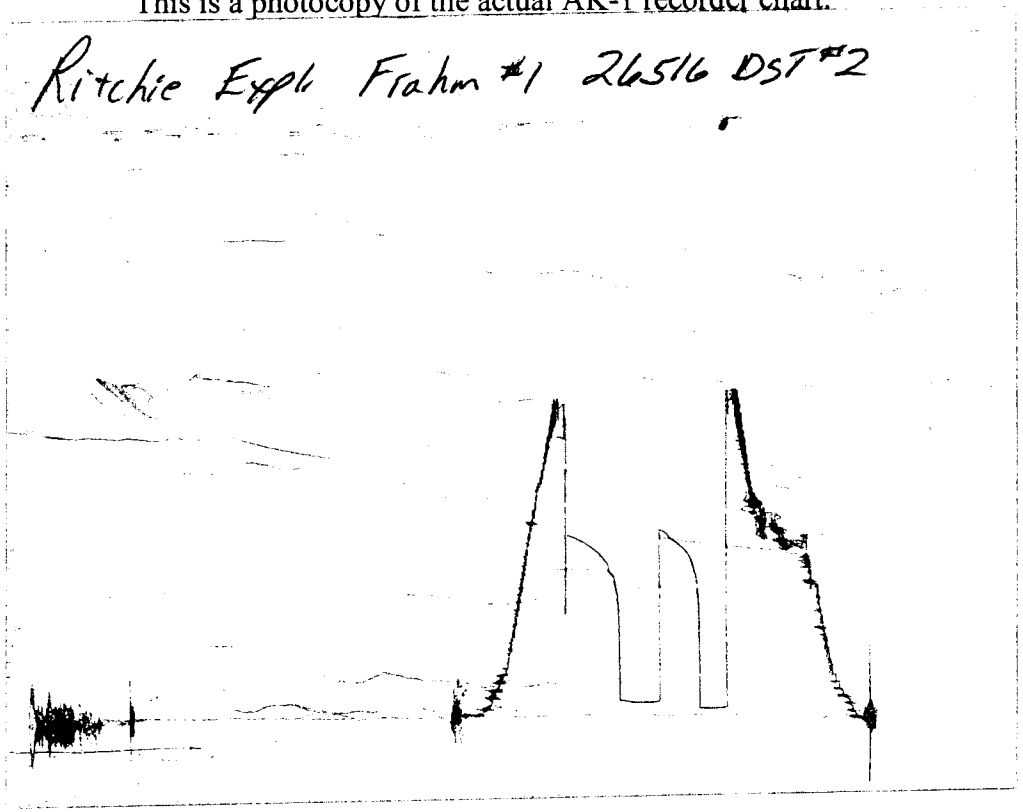
	AK-1	Alpine				
(A)Initial Hydrostatic Mud		2,034 PSI	Recorder No.	8017	Test X	1,200
(B) First Initial Flow Pressure		16 PSI	(depth)	4074	Jars	
(C) First Final Flow Pressure		45 PSI	Recorder No.	13309	Safety Jt.	
(D) Initial Shut-In Pressure		1,161 PSI	(depth)	4084	Circ Sub X	N/C
(E) Second Initial Flow Pressure		48 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		85 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1,126 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1,955 PSI	Initial Shut-In	45	Shale Packer	
			Final Flow	45	Ruined Packer	
			Final Shut-In	60	Mileage 135 RT	168.75
			T-On Location	22:45	Sub Total:	
			T-Started	23:04	Std. By	75
			T-Open	01:01	Acc. Chg:	1368.75
			T-Pulled	04:01	Other:	
			T-Out	06:05	Total:	

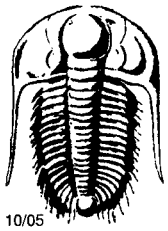
Approved By

Our Representative Chuck Smith

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

26517

Test Ticket

Well Name & No. Frahm #1 Test No. 3 Date 5-6-07

Company Ritchie Exploration, Inc. Zone Tested KC "H"

Address POB 783188 Wichita, KS 67278-3188 Elevation 3105 KB 3095 GL

Co. Rep / Geo. Roger Fisher Rig Murfin #14

Location: Sec. 28 Twp. 12S Rge. 34W Co. Logan State KS

Comment: Release date / time:

Interval Tested 4150 to 4185 Initial Str Wt./Lbs. 91,000 Unseated Str Wt/Lbs. 92,000

Anchor Length 35 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 121,000

Top Packer Depth 4146 Tool Weight 1,500

Bottom Packer Depth 4150 Hole Size 7 7/8" X Rubber Size 6 3/4" X

Total Depth 4185 Wt. Pipe Run 0 Drill Collar Run 528

Mud Wt. 9.1 LCM 1 Vis. 61 WL 8.8 Drill Pipe Size 4½XH Ft. Run 3615

Blow Description IF: Surface blow built to 4".

ISI: Weak return died @ 10 seconds.

FF: Surface blow built to 4".

FSI: No return.

Recovery - Total Feet 280 GIP 0 Ft. in DC 280 Ft. in DP 0

Rec. 186	Feet of WCM	w/spots of oil	%gas	%oil	15 %water	85 %mud
Rec. 63 93	Feet of MCW	w/spots of oil	%gas	%oil	65 %water	35 %mud
Rec. 31	Feet of M	/ spots oil in tool.	%gas	%oil	%water	100 %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 .288 @ 57 °F Chlorides 30,000 ppm Recovery 30,000 Chlorides 3,800 ppm System

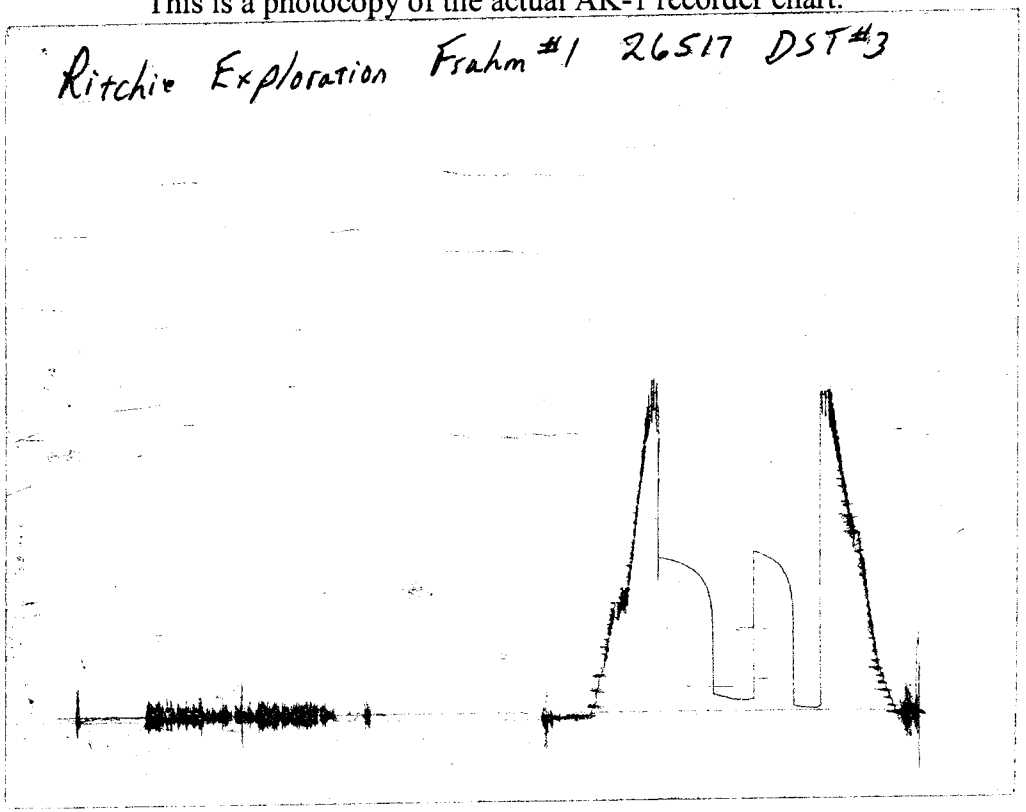
	AK-1	Alpine				
(A) Initital Hydrostatic Mud		2,032 PSI	Recorder No.	8017	Test X	1200
(B) First Initial Flow Pressure		17 PSI	(depth)	4155	Jars	
(C) First Final Flow Pressure		73 PSI	Recorder No.	13309	Safety Jt.	
(D) Initial Shut-In Pressure		1,009 PSI	(depth)	4180	Circ Sub X	N/C
(E) Second Initial Flow Pressure		76 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		144 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		975 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1,992 PSI	Initial Shut-In	45	Shale Packer	
			Final Flow	45	Ruined Packer	
			Final Shut-In	60	Mileage 135RT	168.75
			T-On Location	16:37	Sub Total:	
			T-Started	17:01	Std. By	
			T-Open	18:38	Acc. Chg:	368.75
			T-Pulled	21:38	Other:	
			T-Out	23:40	Total:	

Approved By

Our Representative Chuck Smith

CHART PAGE

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



TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

10/05

26518

Test Ticket

Well Name & No. Frahm #1 Test No. 4 Date 5-7-07

Company Ritchie Exploration Zone Tested KC "I"

Address POB 783188 Wichita, KS 67278-3188 Elevation 3105 KB 3095 GL

Co. Rep / Geo. Roger Fisher Rig Murfin #14

Location: Sec. 28 Twp. 12s Rge. 34w Co. Logan State KS

Comment: Release date / time:

Interval Tested 4189 to 4220 Initial Str Wt./Lbs. 92,000 Unseated Str Wt/Lbs. 98,000

Anchor Length 31 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 122,000

Top Packer Depth 4185 Tool Weight 1,500

Bottom Packer Depth 4189 Hole Size 7 7/8" X Rubber Size 6 3/4" X

Total Depth 4220 Wt. Pipe Run 0 Drill Collar Run 528

Mud Wt. 9.2 LCM 1 Vis. 61 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 3,646

Blow Description IF: B.O.B. @ 3½ min.
ISI: No return. Dropped bar on 1,700 feet of fluid.
FF: B.O.B.@ 4½ min.
FSI: No return.

Recovery - Total Feet GIP — Ft. in DC 528 Ft. in DP

Rec. 10	Feet of MCW ~~30m~~ spot of oil	%gas	%oil	70	%water 30	%mud	
Rec. 190	Feet of MCW	%gas	%oil	60	%water 40	%mud	
Rec. 1670	Feet of MCW popping gas	%gas	%oil	80	%water 20	%mud	
Rec. 30	Feet of M	%gas	%oil		%water 100	%mud	
Rec.	Feet of	%gas	%oil		%water	%mud	

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

RW .215 @ 72 °F Chlorides 30,000 ppm Recovery 30,000 Chlorides 4100 ppm System

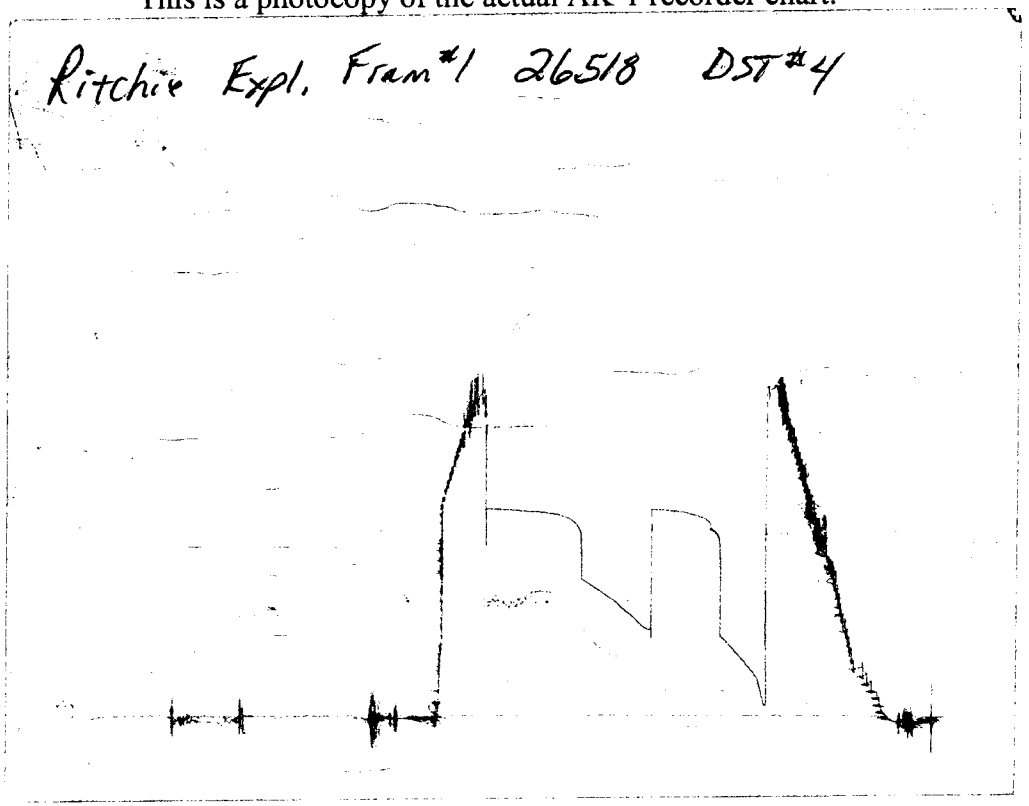
	AK-1 Alpine				
(A) Initital Hydrostatic Mud	2,053 PSI	Recorder No.	8017	Test X	1,200 00
(B) First Initial Flow Pressure	69 PSI	(depth)	4190	Jars	
(C) First Final Flow Pressure	542 PSI	Recorder No.	13309	Safety Jt.	
(D) Initial Shut-In Pressure	1,296 PSI	(depth)	4215	Circ Sub X	50 00
(E) Second Initial Flow Pressure	545 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure	878 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure	1,293 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud	2,003 PSI	Initial Shut-In	45	Shale Packer	
		Final Flow	45	Ruined Packer 1	260 00
		Final Shut-In	60	Mileage	Stayed on loc.
		T-On Location	—	Sub Total:	
		T-Started	7:23	Std. By	
		T-Open	9:00	Acc. Chg:	
		T-Pulled	12:03	Other:	1510
		T-Out	14:19	Total:	

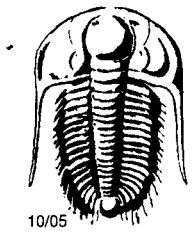
Approved By

Our Representative Chuck Smith

CHART PAGE

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





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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26519

Test Ticket

Well Name & No. Frahm #1 Test No. 5 Date 5-7-07

Company Ritchie Exploration, Inc. Zone Tested KC "J"

Address POB 783188 Wichita, KS 67278-3188 Elevation 3105 KB 3095 GL

Co. Rep / Geo. Roger Fisher Rig Murfin #14

Location: Sec. 28 Twp. 12s Rge. 34w Co. Logan State KS

Comment: Release date / time:

Interval Tested 4225 to 4238 Initial Str Wt./Lbs. 92,000 Unseated Str Wt/Lbs. 92,000

Anchor Length 13 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 120,000

Top Packer Depth 4221 Tool Weight 1,500

Bottom Packer Depth 4225 Hole Size 7 7/8" X Rubber Size 6 3/4" X

Total Depth 4238 Wt. Pipe Run 0 Drill Collar Run 528

Mud Wt. 8.9 LCM 1 Vis. 60 WL 8.0 Drill Pipe Size 4½ XH Ft. Run 3707

Blow Description IF: Surface blow died @ 20 min.

ISI: No return.

FF: No blow.

FSI: No return.

Recovery - Total Feet 10 GIP 0 Ft. in DC 10 Ft. in DP —

Rec. 10	Feet of Mud	%gas	%oil	%water	100	%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

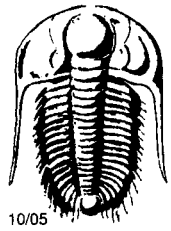
BHT 117 °F Gravity — °API D @ — °F Corrected Gravity — °API

RW — @ — °F Chlorides — ppm Recovery — Chlorides 4,100 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud		2046	PSI	Recorder No.	8017	Test X	1,200.00
(B) First Initial Flow Pressure		14	PSI	(depth)	4228	Jars	
(C) First Final Flow Pressure		18	PSI	Recorder No.	13276	Safety Jt.	
(D) Initial Shut-In Pressure		1334	PSI	(depth)	4233	Circ Sub X	N/C
(E) Second Initial Flow Pressure		18	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		22	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1329	PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		2005	PSI	Initial Shut-In	30	Shale Packer	
				Final Flow	30	Ruined Packer	
				Final Shut-In	30	Mileage 135RT	168.75
				T-On Location	21:15	Sub Total:	
				T-Started	21:38	Std. By	
				T-Open	23:30	Acc. Chg:	
				T-Pulled	01:32	Other:	
				T-Out	03:26	Total:	$1368.75

Approved By

Our Representative Chuck Smith



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

10/05

26520

Test Ticket

Well Name & No. Frahm #1 Test No. 6 Date 5-8-07

Company Ritchie Exploration Zone Tested KC "K"

Address POB 783188 Wichita, Ks 67278-3188 Elevation 3105 KB 3095 GL

Co. Rep / Geo. Roger Fisher Rig Murfin #14

Location: Sec. 28 Twp. 12S Rge. 34W Co. Logan State KS

Comment: Release date / time:

Interval Tested 4244 to 4270 Initial Str Wt./Lbs. 92,000 Unseated Str Wt/Lbs. 90,000

Anchor Length 26 Wt. Set Lbs. 28,000 Wt. Pulled Loose/Lbs. 120,000

Top Packer Depth 4240 Tool Weight 1,500

Bottom Packer Depth 4244 Hole Size 7 7/8" X Rubber Size 6 3/4" X

Total Depth 4270 Wt. Pipe Run 0 Drill Collar Run 528

Mud Wt. 9.2 LCM 1 Vis. 53 WL 6.4 Drill Pipe Size 4½ XH Ft. Run 3,710

Blow Description IF: Surface blow built to 5¼".
ISI: Weak return died @ 9 min.
FF: Surface blow built to 6".
FSI: Weak return died in under 1 min.

Recovery - Total Feet 350 GIP 0 Ft. in DC 350 Ft. in DP 0

Rec. 65	Feet of ~~MCW~~ WCM w/spot of oil	%gas	%oil	40	%water	60	%mud
Rec. 95	Feet of WCM	%gas	%oil	40	%water	60	%mud
Rec. 190	Feet of MCW	%gas	%oil	90	%water	10	%mud
Rec.	Feet of	%gas	%oil		%water		%mud
Rec.	Feet of	%gas	%oil		%water		%mud

BHT 123 °F Gravity — °API D @ — °F Corrected Gravity — °API

RW .203 @ 76 °F Chlorides 30000 ppm Recovery 3000 Chlorides 4,700 ppm System

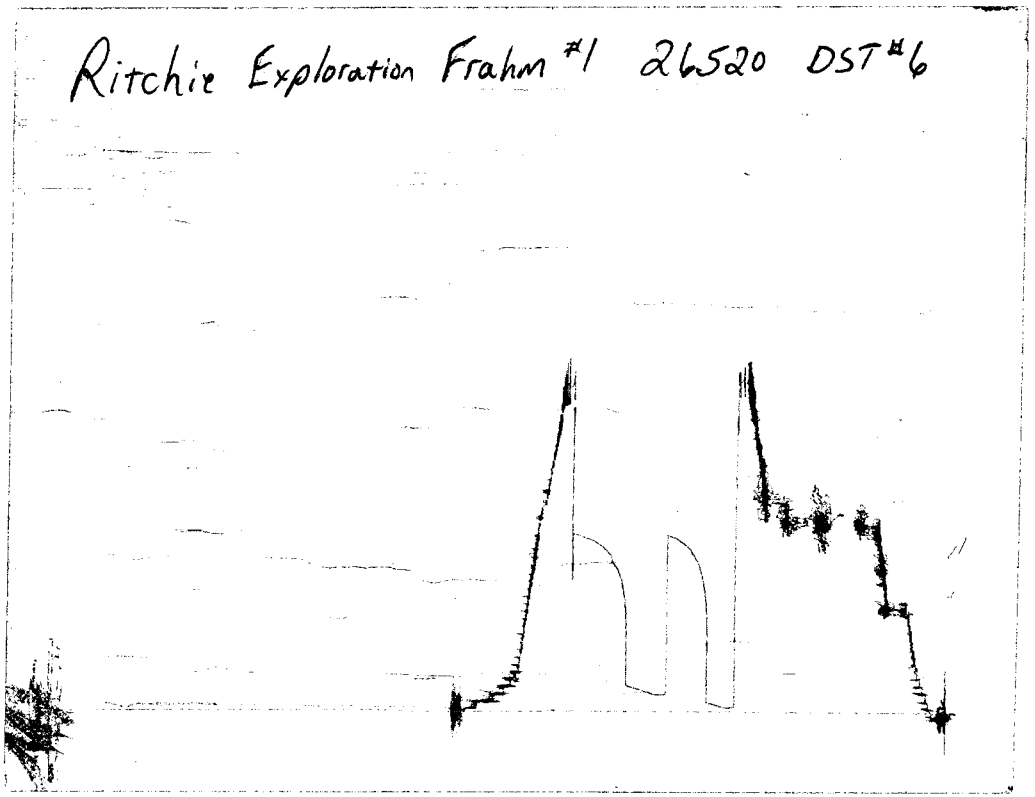
	AK-1	Alpine					
(A) Initial Hydrostatic Mud		2,083 PSI	Recorder No.	8017	Test X	1,200
(B) First Initial Flow Pressure		14 PSI	(depth)	4245	Jars	
(C) First Final Flow Pressure		86 PSI	Recorder No.	13309	Safety Jt.	
(D) Initial Shut-In Pressure		1,100 PSI	(depth)	4265	Circ Sub X	N/C
(E) Second Initial Flow Pressure		89 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		178 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1,097 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		2,019 PSI	Initial Shut-In	45	Shale Packer	
			Final Flow	45	Ruined Packer	
			Final Shut-In	60	Mileage 135RT 168.75	
			T-On Location	11:25	Sub Total:	
			T-Started	11:30	Std. By	
			T-Open	13:17	Acc. Chg: $1368.75	
			T-Pulled	16:19	Other:	
			T-Out	18:08	Total:	

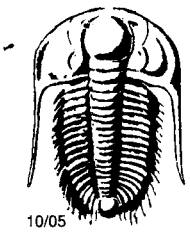
Approved By

Our Representative Chuck Smith

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

26521

Test Ticket

Well Name & No. Frahm #1 Test No. _____ Date 5-10-07

Company Ritchie Exploration, Inc. Zone Tested _____

Address _____ Elevation _____ KB _____ GL

Co. Rep / Geo. Roger Fisher Rig _____

Location: Sec. _____ Twp. _____ Rge. _____ Co. _____ State _____

Comment: _____ Release date / time: _____

Interval Tested _____ Initial Str Wt./Lbs. _____ Unseated Str Wt/Lbs. _____

Anchor Length _____ Wt. Set Lbs. _____ Wt. Pulled Loose/Lbs. _____

Top Packer Depth _____ Tool Weight _____

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

Total Depth _____ Wt. Pipe Run _____ Drill Collar Run _____

Mud Wt. _____ LCM _____ Vis. _____ WL _____ Drill Pipe Size _____ Ft. Run _____

Blow Description _____

Picked up tool @ 11:00am. 41 hours on walk.

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

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

	AK-1	Alpine			
(A) Initital Hydrostatic Mud		PSI	Recorder No.	5/8 18:03	Fnd dpt #6
(B) First Initial Flow Pressure		PSI	(depth)	5/9 18:08	Ist 24
(C) First Final Flow Pressure		PSI	Recorder No.	5/10 11:00	17 hrs
(D) Initial Shut-In Pressure		PSI	(depth)		
(E) Second Initial Flow Pressure		PSI	Recorder No.		
(F) Second Final Flow Pressure		PSI	(depth)	NO MORE TESTING	
(G) Final Shut-In Pressure		PSI	**Initial Opening**		
(Q) Final Hydrostatic Mud		PSI	Initial Shut-In		
			Final Flow	1 Day STANDBY	
			Final Shut-In		
			T-On Location		8:00
			T-Started		
			T-Open		
			T-Pulled		
			T-Out		

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Approved By _____

Our Representative Chuck Smith