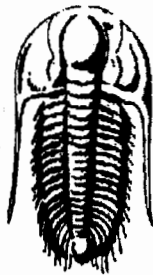


15-187-21105

14-30s-41w

CONFIDENTIAL



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **White Exploration Inc**

2400 N Woodlawn Ste 115
Wichita KS 67220

ATTN: Tom Williams

14 30 41 Stanton KS

#1 Barnhardt "A"

Start Date: 2007.09.08 @ 09:00:10

End Date: 2007.09.08 @ 18:27:55

Job Ticket #: 27185 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2007.09.17 @ 10:23:06 Page 1

White Exploration Inc

#1 Barnhardt "A"

14 30 41 Stanton KS

DST # 1

Morrow sand

2007.09.08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

White Exploration Inc

2400 N Woodlawn Ste 115
Wichita KS 67220

ATTN: Tom Williams

#1 Barnhardt "A"

14 30 41 Stanton KS

Job Ticket: 27185

DST#: 1

Test Start: 2007.09.08 @ 09:00:10

GENERAL INFORMATION:

Formation: **Morrow sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:43:25

Time Test Ended: 18:27:55

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5304.00 ft (KB) To 5400.00 ft (KB) (TVD)**

Total Depth: 5400.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3364.00 ft (KB)

3355.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6751

Press@RunDepth: 581.99 psig @ 5306.00 ft (KB)

Start Date: 2007.09.08

End Date:

2007.09.08

Start Time: 09:00:11

End Time:

18:27:55

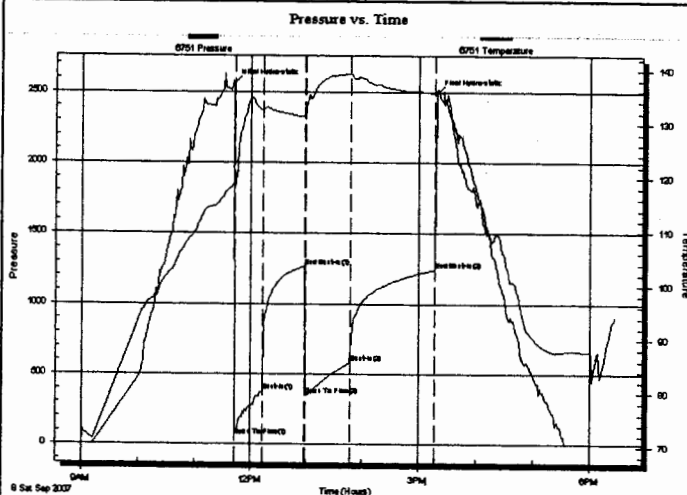
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2007.09.08 @ 11:42:10

Time Off Btm: 2007.09.08 @ 15:18:25

TEST COMMENT: IF Good building blow BOB 7 1/2 min NO GTS
ISI No blow back
FF Good building blow BOB 9 min NO GTS
FSI No blow back



PRESSURE SUMMARY

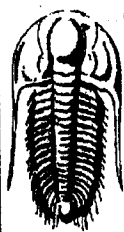
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2556.99	118.87	Initial Hydro-static
2	57.92	118.05	Open To Flow (1)
32	376.34	132.43	Shut-In (1)
77	1267.35	131.31	End Shut-In (1)
78	347.45	130.89	Open To Flow (2)
125	581.99	139.22	Shut-In (2)
215	1242.32	135.67	End Shut-In (2)
217	2493.24	135.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
496.00	30%W 70%M	4.73
248.00	50%W 50%M	3.48
456.00	5%M 95%W w/spotty Oil	6.40

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration Inc

#1 Barnhardt "A"

2400 N Woodlawn Ste 115
Wichita KS 67220

14 30 41 Stanton KS

Job Ticket: 27185

DST#: 1

ATTN: Tom Williams

Test Start: 2007.09.08 @ 09:00:10

Tool Information

Drill Pipe:	Length: 5042.00 ft	Diameter: 3.80 inches	Volume: 70.73 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: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	lb
		Total Volume:	71.93 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	5304.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	96.00 ft				
Tool Length:	127.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	2.00			5275.00	
Shut In Tool	5.00			5280.00	
Sampler	3.00			5283.00	
Hydraulic tool	5.00			5288.00	
Jars	5.00			5293.00	
Safety Joint	2.00			5295.00	
Packer	5.00			5300.00	31.00 Bottom Of Top Packer
Packer	4.00			5304.00	
Stubb	1.00			5305.00	
Perforations	1.00			5306.00	
Recorder	0.00	6751		5306.00	
Change Over Sub	1.00			5307.00	
Drill Pipe	62.00			5369.00	
Change Over Sub	1.00			5370.00	
Perforations	26.00			5396.00	
Recorder	0.00	11018	Outside	5396.00	
Bullnose	4.00			5400.00	96.00 Bottom Packers & Anchor
Total Tool Length:	127.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration Inc

#1 Barnhardt "A"

2400 N Woodlawn Ste 115
Wichita KS 67220

14 30 41 Stanton KS

ATTN: Tom Williams

Job Ticket: 27185

DST#: 1

Test Start: 2007.09.08 @ 09:00:10

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
496.00	30%W 70%M	4.726
248.00	50%W 50%M	3.479
456.00	5%M 95%W w /spotty Oil	6.396

Total Length: 1200.00 ft

Total Volume: 14.601 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

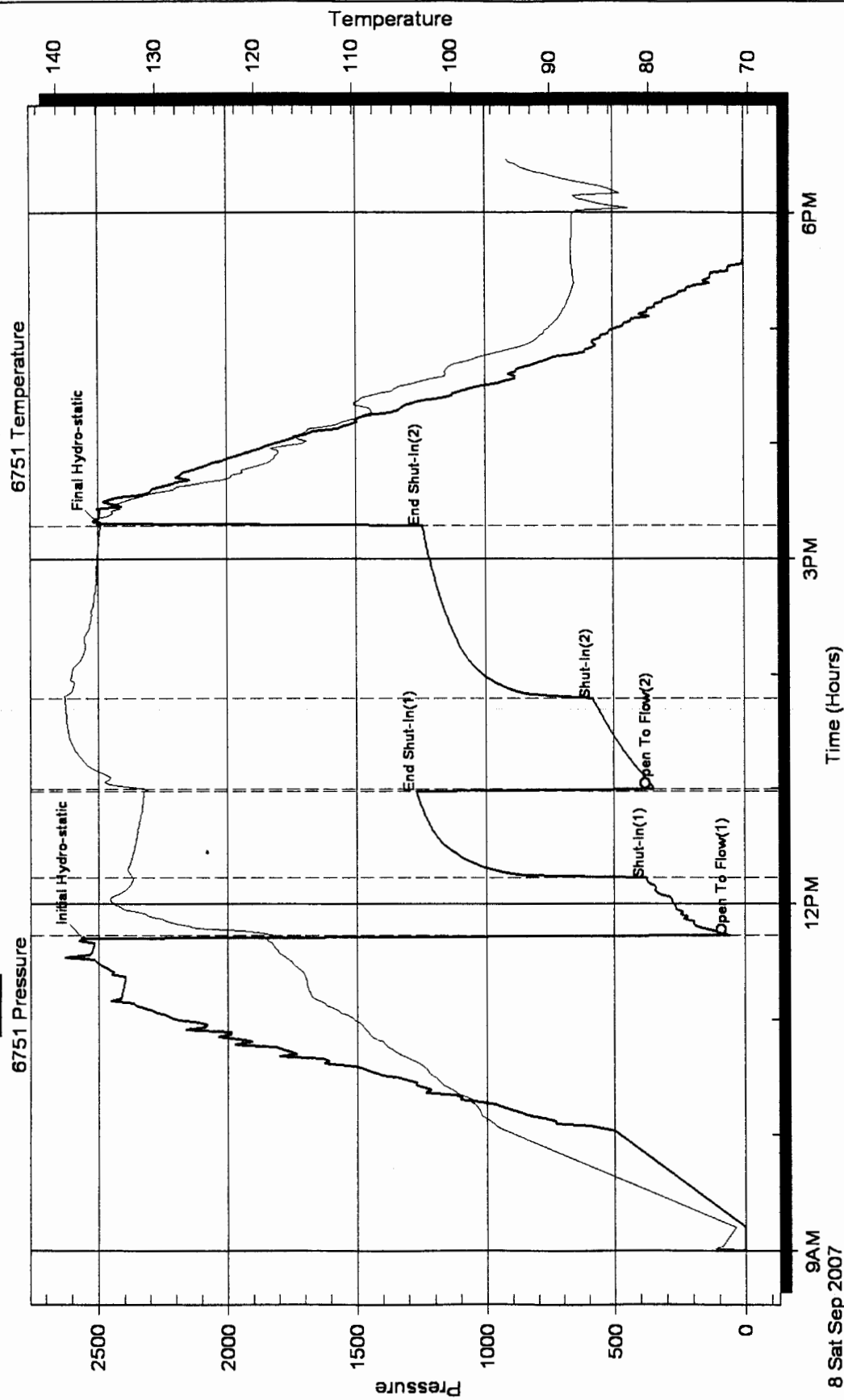
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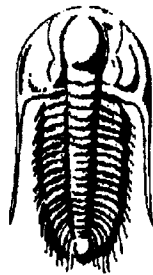
Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data- 2000 ML 5%M 95%W with spotty Oil @ 1200 PSI.

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **White Exploration Inc**

2400 N Woodlawn Ste 115
Wichita KS 67220

ATTN: Tom Williams

14 30 41 Stanton KS

#1 Barnhardt "A"

Start Date: 2007.09.09 @ 05:55:30

End Date: 2007.09.09 @ 15:08:00

Job Ticket #: 27166 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

White Exploration Inc

2400 N Woodlawn Ste 115
Wichita KS 67220

ATTN: Tom Williams

#1 Barnhardt "A"

14 30 41 Stanton KS

Job Ticket: 27166

DST#: 2

Test Start: 2007.09.09 @ 05:55:30

GENERAL INFORMATION:

Formation: **Keyes Sd**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:21:45

Time Test Ended: 15:08:00

Test Type: Conventional Bottom Hole

Tester: Delton Brown

Unit No: 28

Interval: **5420.00 ft (KB) To 5440.00 ft (KB) (TVD)**

Total Depth: 5440.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3364.00 ft (KB)

3355.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6625

Inside

Press@RunDepth: 2353.75 psig @ 5422.00 ft (KB)

Start Date: 2007.09.09

End Date:

2007.09.09

Start Time: 05:55:31

End Time:

15:08:00

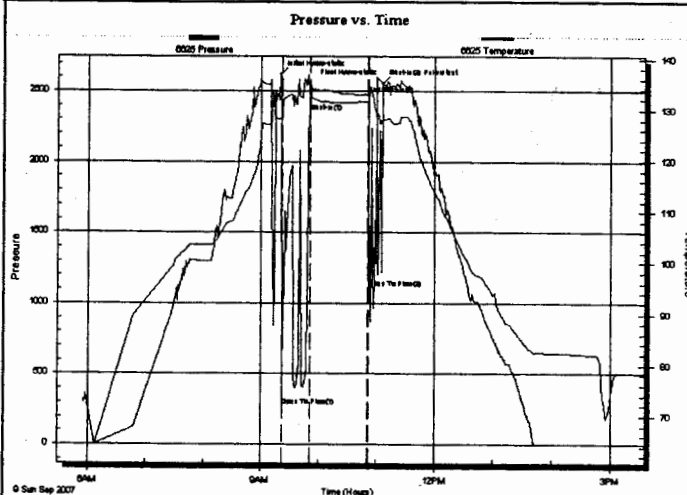
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2007.09.09 @ 09:20:30

Time Off Btm: 2007.09.09 @ 11:06:45

TEST COMMENT: IF Hit bridge 10' from TD tool opened broke through followed it down re-opened tool Strong blow BOB 2 min. packer failure Pulled up re-opened tool appears to seat
ISI No return blow
FF Packer failure



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2616.44	128.34	Initial Hydro-static
2	272.75	128.05	Open To Flow (1)
32	2353.75	132.62	Shut-In(1)
91	2477.61	131.70	End Shut-In(1)
92	1106.02	131.10	Open To Flow (2)
106	2553.66	128.01	Shut-In(2) Pulled test
107	2551.24	128.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	Heavy Mud 100%M	0.15
186.00	Heavy Mud 100%M	0.91
930.00	Heavy Mud 100%M	12.23
744.00	Heavy Mud 100%M	10.44
310.00	Heavy Mud 100%M	4.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration Inc

#1 Barnhardt "A"

2400 N Woodlawn Ste 115
Wichita KS 67220

14 30 41 Stanton KS

Job Ticket: 27166

DST#: 2

ATTN: Tom Williams

Test Start: 2007.09.09 @ 05:55:30

Tool Information

Drill Pipe:	Length: 5106.00 ft	Diameter: 3.80 inches	Volume: 71.62 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:	20000.00 lb
Drill Collar:	Length: 306.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose:	lb
			<u>Total Volume: 73.12 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	lb
Depth to Top Packer:	5420.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	50.00 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			5391.00	
Shut In Tool	5.00			5396.00	
Sampler	3.00			5399.00	
Hydraulic tool	5.00			5404.00	
Jars	5.00			5409.00	
Safety Joint	2.00			5411.00	
Packer	5.00		Fluid	5416.00	30.00 Bottom Of Top Packer
Packer	4.00			5420.00	
Stubb	1.00			5421.00	
Anchor	1.00			5422.00	
Recorder	0.00	6625	Inside	5422.00	
Perforations	15.00			5437.00	
Recorder	0.00	13761	Inside	5437.00	
Bullnose	3.00			5440.00	20.00 Bottom Packers & Anchor
Total Tool Length:		50.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration Inc

#1 Barnhardt "A"

2400 N Woodlawn Ste 115
Wichita KS 67220

14 30 41 Stanton KS

Job Ticket: 27166

DST#: 2

ATTN: Tom Williams

Test Start: 2007.09.09 @ 05:55:30

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	Heavy Mud 100%M	0.152
186.00	Heavy Mud 100%M	0.915
930.00	Heavy Mud 100%M	12.235
744.00	Heavy Mud 100%M	10.436
310.00	Heavy Mud 100%M	4.348

Total Length: 2201.00 ft

Total Volume: 28.086 bbl

Num Fluid Samples: 0

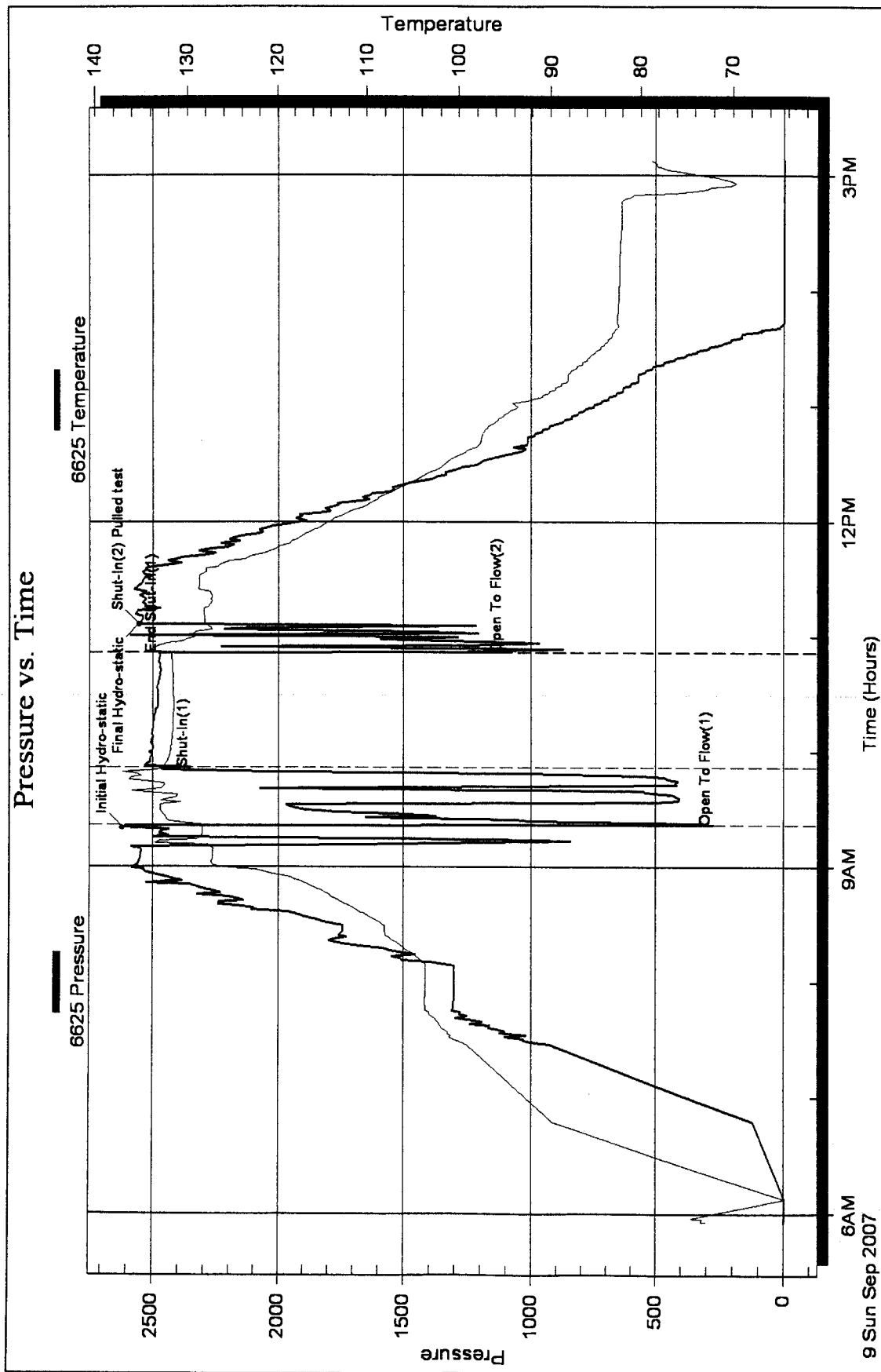
Num Gas Bombs: 0

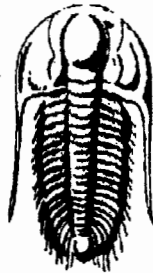
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **White Exploration Inc**

2400 N Woodlawn Ste 115
Wichita KS 67220

ATTN: Tom Williams

14 30 41 Stanton KS

#1 Barnhardt "A"

Start Date: 2007.09.10 @ 00:43:41

End Date: 2007.09.10 @ 10:37:11

Job Ticket #: 27167 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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Printed: 2007.09.17 @ 10:23:53 Page 1

White Exploration Inc

#1 Barnhardt "A"

14 30 41 Stanton KS

DST # 3

Keyes Sd

2007.09.10



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

White Exploration Inc

2400 N Woodlawn Ste 115
Wichita KS 67220

ATTN: Tom Williams

#1 Barnhardt "A"

14 30 41 Stanton KS

Job Ticket: 27167

DST#: 3

Test Start: 2007.09.10 @ 00:43:41

GENERAL INFORMATION:

Formation: **Keyes Sd**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 03:57:26

Time Test Ended: 10:37:11

Test Type: **Conventional Bottom Hole**

Tester: **Delton Brown**

Unit No: **28**

Interval: **5426.00 ft (KB) To 5440.00 ft (KB) (TVD)**

Total Depth: **5440.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **3364.00 ft (KB)**

3355.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 6625

Inside

Press@RunDepth: **2648.17 psig @ 5427.00 ft (KB)**

Start Date: **2007.09.10**

End Date:

2007.09.10

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **00:43:42**

End Time:

10:37:11

Time On Btm: **2007.09.10 @ 03:51:11**

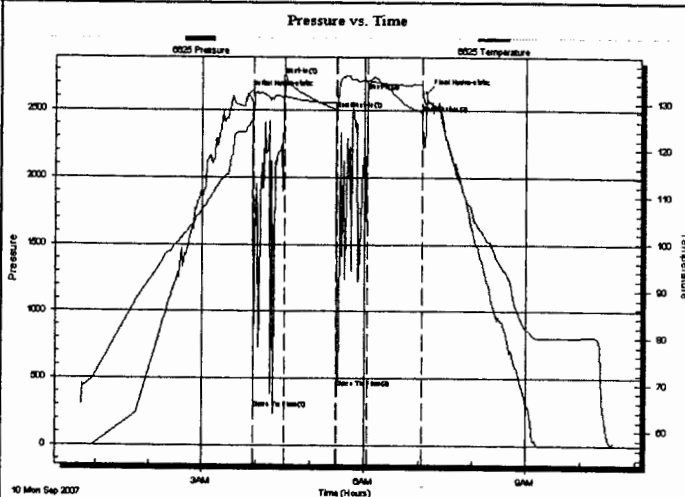
Time Off Btm: **2007.09.10 @ 07:08:26**

TEST COMMENT: IF Fair blow 1 1/2 " in bucket hit bridge approx. 12 ' from bottom good packer seat

ISI No return blow

FF No blow

FSI No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2614.56	125.07	Initial Hydro-static
7	273.09	126.56	Open To Flow (1)
40	2760.24	131.40	Shut-In(1)
98	2508.96	130.14	End Shut-In(1)
99	427.92	129.22	Open To Flow (2)
132	2648.17	134.85	Shut-In(2)
193	2482.48	133.97	End Shut-In(2)
198	2632.85	130.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Heavy Mud 100%M	0.30
62.00	Heavy Mud 100%M	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration Inc

#1 Barnhardt "A"

2400 N Woodlawn Ste 115
Wichita KS 67220

14 30 41 Stanton KS

Job Ticket: 27167

DST#: 3

ATTN: Tom Williams

Test Start: 2007.09.10 @ 00:43:41

Tool Information

Drill Pipe:	Length: 5106.00 ft	Diameter: 3.80 inches	Volume: 71.62 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:	20000.00 lb
Drill Collar:	Length: 306.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose:	140000.0 lb
		Total Volume:	73.12 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	96000.00 lb
Depth to Top Packer:	5426.00 ft			Final	98000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	14.00 ft				
Tool Length:	44.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5397.00	
Shut In Tool	5.00			5402.00	
Sampler	3.00			5405.00	
Hydraulic tool	5.00			5410.00	
Jars	5.00			5415.00	
Safety Joint	2.00			5417.00	
Packer	5.00		Fluid	5422.00	30.00 Bottom Of Top Packer
Packer	4.00			5426.00	
Stubb	1.00			5427.00	
Recorder	0.00	6625	Inside	5427.00	
Perforations	10.00			5437.00	
Recorder	0.00	13761	Inside	5437.00	
Bullnose	3.00			5440.00	14.00 Bottom Packers & Anchor

Total Tool Length: 44.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration Inc

#1 Barnhardt "A"

2400 N Woodlaw n Ste 115
Wichita KS 67220

14 30 41 Stanton KS

Job Ticket: 27167

DST#: 3

ATTN: Tom Williams

Test Start: 2007.09.10 @ 00:43:41

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Heavy Mud 100%M	0.305
62.00	Heavy Mud 100%M	0.305

Total Length: 124.00 ft

Total Volume: 0.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

