

**DRILL STEM TEST REPORT**

Prepared For: **White Pine Petroleum Corporation**

110 S Main Ste 500  
Wichita, KS 67202

ATTN: Sean Deenihan

**10-31s-6w Harper,KS**

**Easter Farms #1**

Start Date: 2011.04.30 @ 18:15:38

End Date: 2011.05.01 @ 02:30:55

Job Ticket #: 042434          DST #: 1

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JUN 22 2011  
KCC WICHITA

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

White Pine Petroleum Corporation

**Easter Farms #1**

110 S Main Ste 500  
Wichita, KS 67202

**10-31s-6w Harper, KS**

Job Ticket: 042434

DST#: 1

ATTN: Sean Deenihan

Test Start: 2011.04.30 @ 18:15:38

### GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: 20:21:38  
 Time Test Ended: 02:30:55

Test Type: **Conventional Bottom Hole**  
 Tester: **Leal Cason**  
 Unit No: **45**

Interval: **4282.00 ft (KB) To 4293.00 ft (KB) (TVD)**  
 Total Depth: **4293.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1491.00 ft (KB)**  
**1478.00 ft (CF)**  
 KB to GR/CF: **13.00 ft**

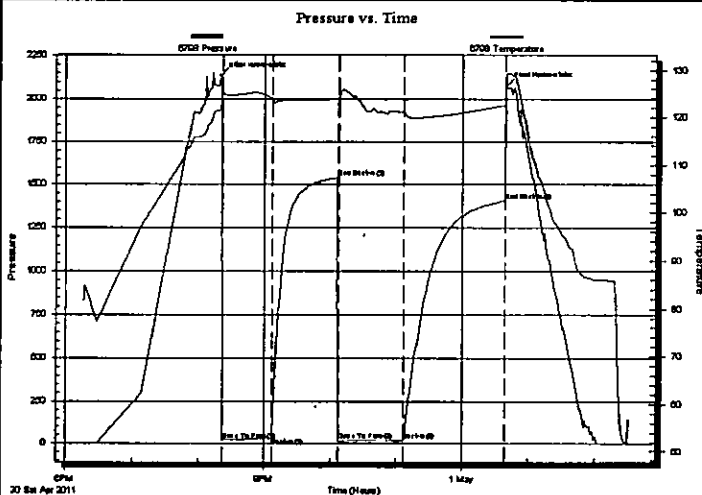
### Serial #: 6798

Inside

Press@RunDepth: **18.06 psig @ 4283.00 ft (KB)**  
 Start Date: **2011.04.30** End Date: **2011.05.01**  
 Start Time: **18:15:39** End Time: **02:30:56**

Capacity: **8000.00 psig**  
 Last Calib.: **2011.05.01**  
 Time On Btm: **2011.04.30 @ 20:19:38**  
 Time Off Btm: **2011.05.01 @ 00:39:53**

TEST COMMENT: IF: Strong Blow, BOB in 2 minutes  
 IS: Bled Off, No Blow back  
 FF: Strong Blow, BOB Immediate, GTS in 1 minute, Gauged Gas  
 FSI: Bled Off, No Blow back



### PRESSURE SUMMARY

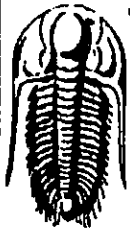
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2134.85	121.54	Initial Hydro-static
2	20.15	125.24	Open To Flow (1)
47	33.89	124.01	Shut-In(1)
108	1540.04	123.91	End Shut-In(1)
109	18.86	124.30	Open To Flow (2)
168	18.06	120.98	Shut-In(2)
259	1408.11	122.55	End Shut-In(2)
261	2074.96	128.83	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	4268 Feet GIP	0.00
5.00	OCM 5% O 95% M	0.02

### Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	9.00	37.28
Last Gas Rate	0.25	6.00	32.52
Max. Gas Rate	0.25	9.00	37.28



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

White Fine Petroleum Corporation

**Easter Farms #1**

110 S Main Ste 500  
Wichita, KS 67202

**10-31s-6w Harper,KS**

Job Ticket: 042434

**DST#: 1**

ATTN: Sean Deenihan

Test Start: 2011.04.30 @ 18:15:38

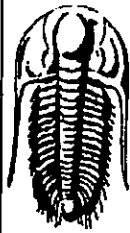
**Tool Information**

Drill Pipe:	Length: 4088.00 ft	Diameter: 3.80 inches	Volume: 57.34 bbl	Tool Weight: 2100.00 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: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 58.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4282.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4260.00	
Hydraulic tool	5.00			4265.00	
Jars	5.00			4270.00	
Safety Joint	2.00			4272.00	
Packer	5.00			4277.00	27.00 Bottom Of Top Packer
Packer	5.00			4282.00	
Stubb	1.00			4283.00	
Recorder	0.00	6798	Inside	4283.00	
Recorder	0.00	8367	Outside	4283.00	
Perforations	7.00			4290.00	
Bullnose	3.00			4293.00	11.00 Bottom Packers & Anchor

**Total Tool Length: 38.00**



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**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

White Fine Petroleum Corporation

**Easter Farms #1**

110 S Main Ste 500  
Wichita, KS 67202

**10-31s-6w Harper,KS**

Job Ticket: 042434      DST#: 1

ATTN: Sean Deenihan

Test Start: 2011.04.30 @ 18:15:38

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 45.00 sec/qt  
Water Loss: 7.98 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 4000.00 ppm  
Filter Cake: 0.20 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

**Recovery Information**

Recovery Table

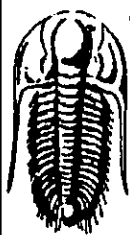
Length ft	Description	Volume bbl
0.00	4268 Feet GIP	0.000
5.00	OCM 5%O 95%M	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:



**TRILOBITE  
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## DRILL STEM TEST REPORT

**GAS RATES**

White Pine Petroleum Corporation

**Easter Farms #1**

110 S Main Ste 500  
Wichita, KS 67202

**10-31s-6w Harper, KS**

Job Ticket: 042434

**DST#: 1**

ATTN: Sean Deenihan

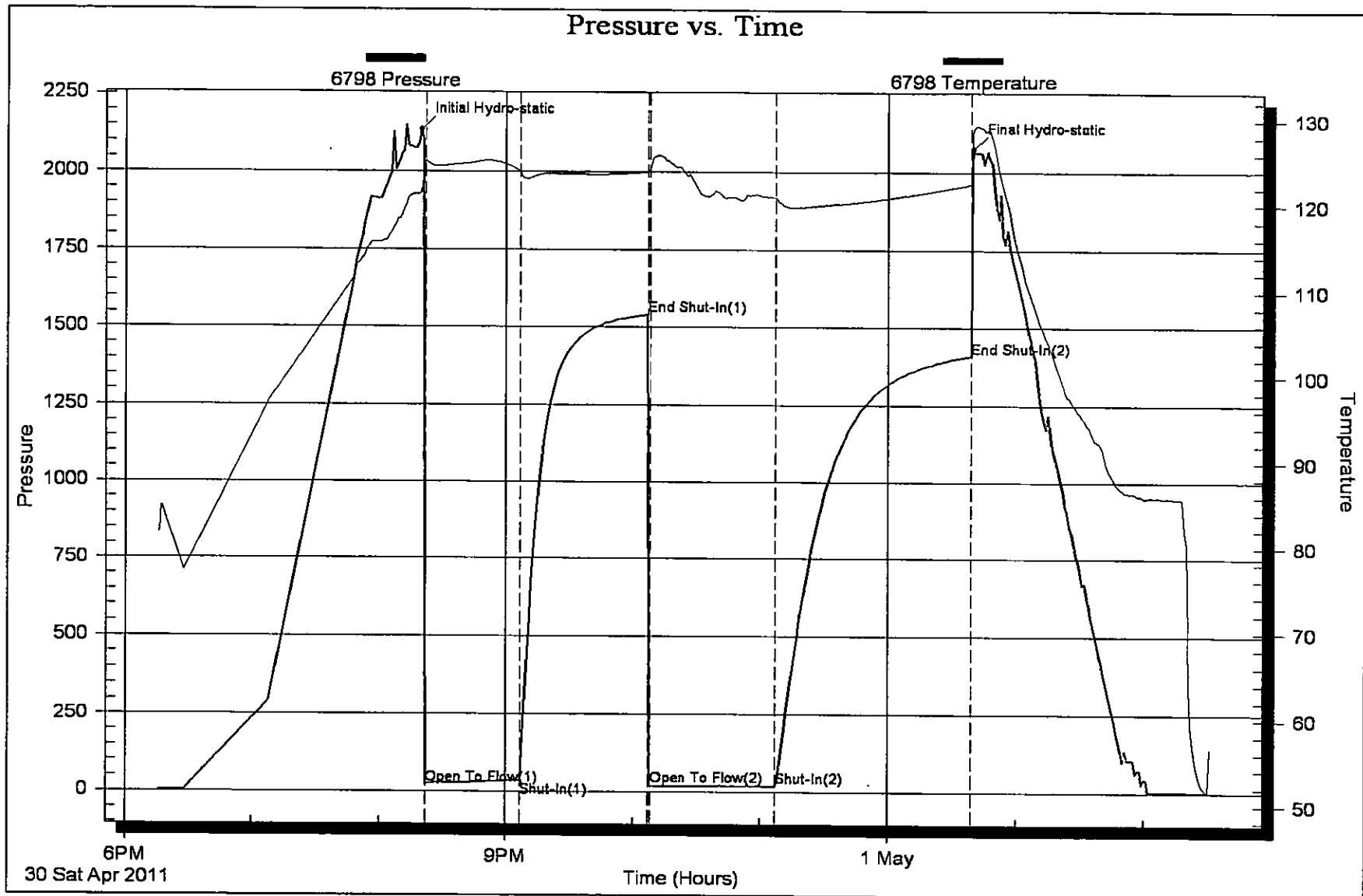
Test Start: 2011.04.30 @ 18:15:38

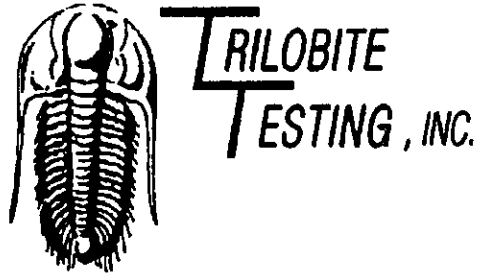
### Gas Rates Information

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 <sup>3</sup> /d)
2	10	0.25	9.00	37.28
2	10	0.25	9.00	37.28
2	20	0.25	8.00	35.69
2	30	0.25	6.00	32.52
2	40	0.25	6.00	32.52
2	50	0.25	6.00	32.52





## DRILL STEM TEST REPORT

Prepared For: **White Pine Petroleum Corporation**

110 S Main Ste 500  
Wichita, KS 67202

ATTN: Sean Deenihan

**10-31s-6w Harper,KS**

**Easter Farms #1**

Start Date: 2011.05.01 @ 09:41:22

End Date: 2011.05.01 @ 16:44:52

Job Ticket #: 042435          DST #: 2

Trilobite Testing, Inc

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## DRILL STEM TEST REPORT

White Pine Petroleum Corporation

**Easter Farms #1**

110 S Main Ste 500  
Wichita, KS 67202

**10-31s-6w Harper,KS**

Job Ticket: 042435      DST#: 2

ATTN: Sean Deenihan

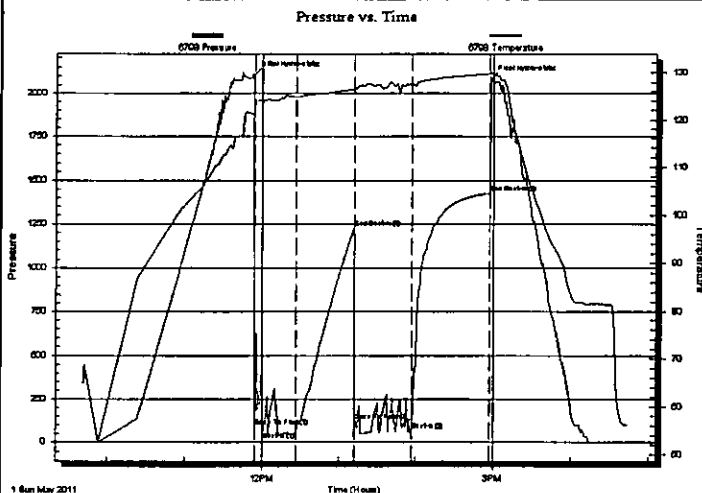
Test Start: 2011.05.01 @ 09:41:22

### GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock      ft (KB)  
 Time Tool Opened: 11:54:07  
 Time Test Ended: 16:44:52  
 Interval: **4297.00 ft (KB) To 4315.00 ft (KB) (TVD)**  
 Total Depth: **4315.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Leal Cason**  
 Unit No: **45**  
 Reference Elevations: **1491.00 ft (KB)**  
**1478.00 ft (CF)**  
**KB to GR/CF: 13.00 ft**

**Serial #: 6798**      Inside  
 Press@RunDepth: **67.45 psig @ 4298.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2011.05.01**      End Date: **2011.05.01**      Last Calib.: **2011.05.01**  
 Start Time: **09:41:23**      End Time: **16:44:52**      Time On Btm: **2011.05.01 @ 11:53:22**  
 Time Off Btm: **2011.05.01 @ 14:58:22**

**TEST COMMENT:** IF: Fair Blow, BOB in 26 minutes  
 IS: Bled Off, No Blow back  
 FF: Strong Blow, BOB in 90 seconds  
 FS: Bled Off, No Blow back



### PRESSURE SUMMARY

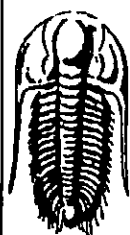
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2102.48	120.93	Initial Hydro-static
1	92.84	121.78	Open To Flow (1)
33	60.55	124.81	Shut-In(1)
79	1228.62	126.41	End Shut-In(1)
79	126.12	126.44	Open To Flow (2)
124	67.45	127.08	Shut-In(2)
185	1424.98	129.71	End Shut-In(2)
185	2080.71	129.73	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	1800 Feet GIP	0.00
65.00	GCM 10%G 90%m	0.32

### Gas Rates

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



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**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

White Fine Petroleum Corporation

**Easter Farms #1**

110 S Main Ste 500  
Wichita, KS 67202

**10-31s-6w Harper,KS**

Job Ticket: 042435

**DST#: 2**

ATTN: Sean Deenihan

Test Start: 2011.05.01 @ 09:41:22

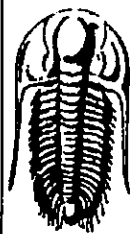
**Tool Information**

Drill Pipe:	Length: 4118.00 ft	Diameter: 3.80 inches	Volume: 57.76 bbl	Tool Weight: 2100.00 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: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 58.67 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4297.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4275.00	
Hydraulic tool	5.00			4280.00	
Jars	5.00			4285.00	
Safety Joint	2.00			4287.00	
Packer	5.00			4292.00	27.00 Bottom Of Top Packer
Packer	5.00			4297.00	
Stubb	1.00			4298.00	
Recorder	0.00	6798	Inside	4298.00	
Recorder	0.00	8367	Outside	4298.00	
Perforations	14.00			4312.00	
Bullnose	3.00			4315.00	18.00 Bottom Packers & Anchor

**Total Tool Length: 45.00**



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## DRILL STEM TEST REPORT

**FLUID SUMMARY**

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**10-31s-6w Harper, KS**

Job Ticket: 042435

DST#: 2

ATTN: Sean Deenihan

Test Start: 2011.05.01 @ 09:41:22

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 64.00 sec/qt  
Water Loss: 9.99 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 6000.00 ppm  
Filter Cake: 0.20 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1800 Feet GIP	0.000
65.00	GCM 10%G 90%m	0.320

Total Length: 65.00 ft      Total Volume: 0.320 bbl

Num Fluid Samples: 0

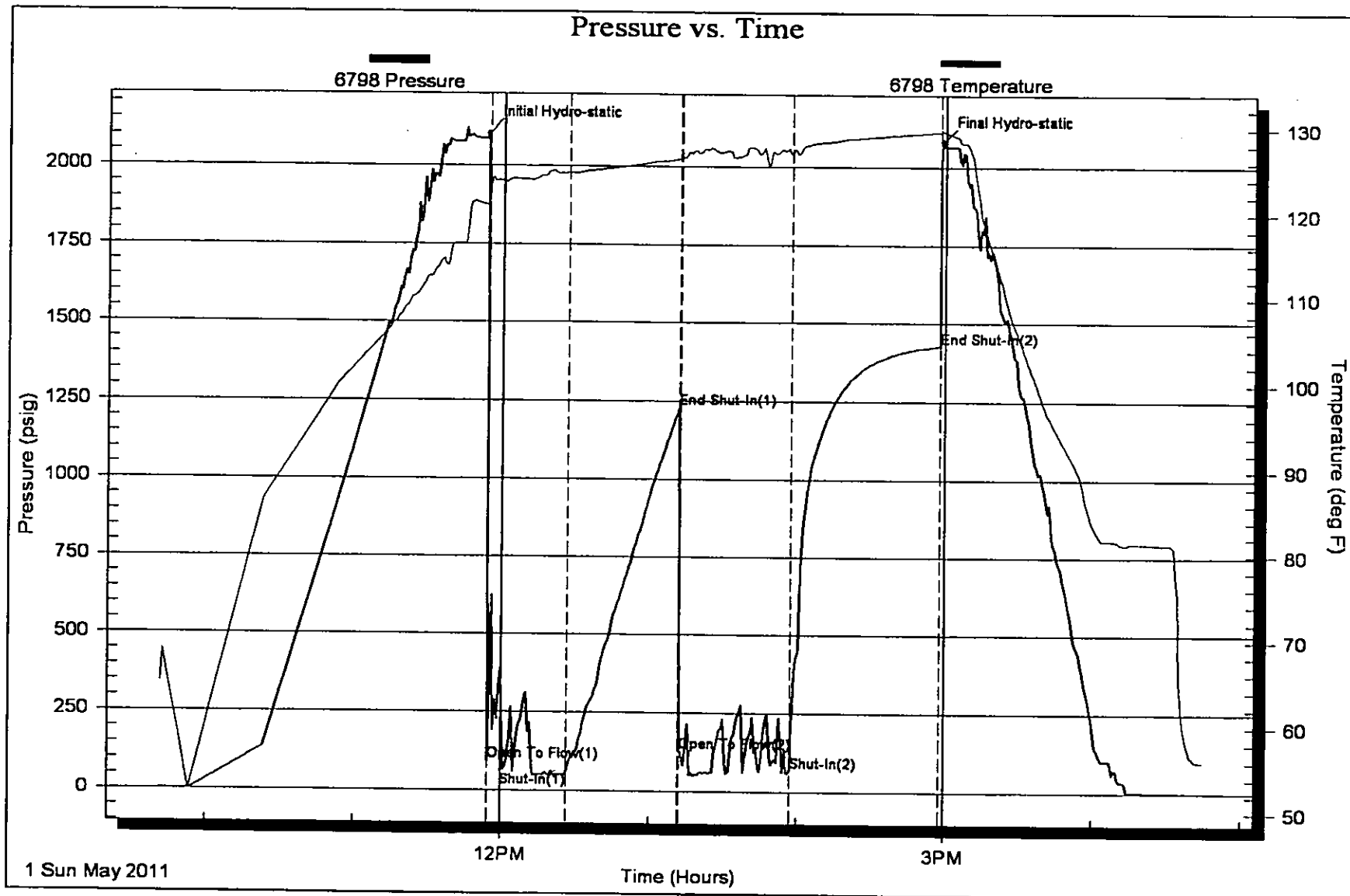
Num Gas Bombs: 0

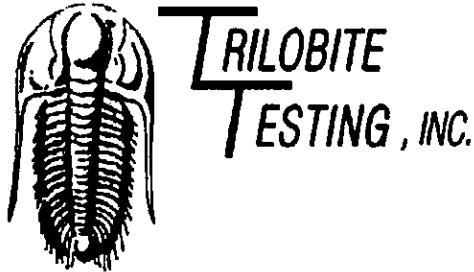
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





## DRILL STEM TEST REPORT

Prepared For: **White Pine Petroleum Corporation**

110 S Main Ste 500  
Wichita, KS 67202

ATTN: Sean Deenihan

**10-31s-6w Harper,KS**

**Easter Farms #1**

Start Date: 2011.05.02 @ 00:57:01

End Date: 2011.05.02 @ 10:09:16

Job Ticket #: 042436          DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

White Pine Petroleum Corporation

Easter Farms #1

10-31s-6w Harper,KS

DST # 3

Mississippi

2011.05.02



**TRILOBITE  
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## DRILL STEM TEST REPORT

White Fine Petroleum Corporation

**Easter Farms #1**

110 S Main Ste 500  
Wchita, KS 67202

**10-31s-6w Harper,KS**

ATTN: Sean Deenihan

Job Ticket: 042436 **DST#: 3**

Test Start: 2011.05.02 @ 00:57:01

### GENERAL INFORMATION:

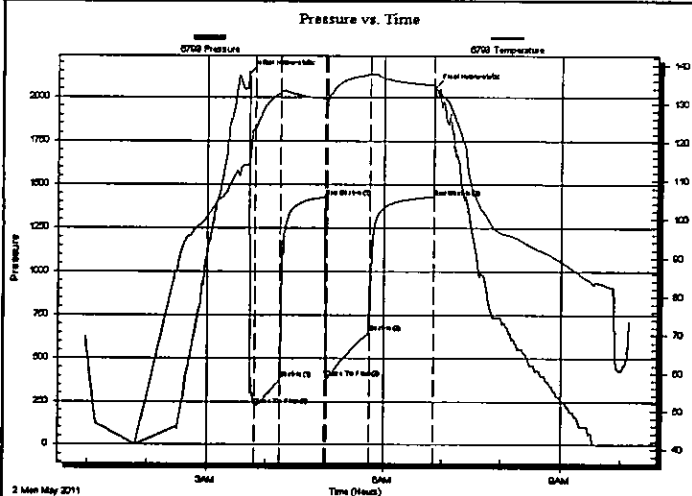
Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 03:48:46  
 Time Test Ended: 10:09:16  
 Interval: **4297.00 ft (KB) To 4363.00 ft (KB) (TVD)**  
 Total Depth: **4363.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Leal Cason**  
 Unit No: **45**  
 Reference Elevations: **1491.00 ft (KB)**  
**1478.00 ft (CF)**  
**KB to GR/CF: 13.00 ft**

### Serial #: 6798

Inside

Press@RunDepth: **650.46 psig @ 4298.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2011.05.02** End Date: **2011.05.02** Last Calib.: **2011.05.02**  
 Start Time: **00:57:02** End Time: **10:09:16** Time On Btrr: **2011.05.02 @ 03:42:01**  
 Time Off Btrr: **2011.05.02 @ 06:51:31**

**TEST COMMENT:** IF: Strong Blow, BOB in 90 seconds  
 IS: Bled Off, No Blow back  
 FF: Strong Blow, BOB in 2 minutes  
 FSI: Bled Off, Blow back Built to BOB in 14 minutes, GTS in 16 minutes



### PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2136.42	114.09	Initial Hydro-static
7	231.11	123.47	Open To Flow (1)
32	384.05	132.98	Shut-In(1)
78	1427.49	131.25	End Shut-In(1)
80	390.99	130.85	Open To Flow (2)
124	650.46	137.67	Shut-In(2)
189	1427.54	134.90	End Shut-In(2)
190	2058.70	133.75	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	2429 Feet GIP	0.00
878.00	Water	10.63
341.00	GSY OMCW 10%G 8%O 10%M 72%V	4.78
341.00	GSY OWCM 30%G 12%O 24%W 34%M	4.78
315.00	GOCM 20%G 20%O 60%M	4.42

### Gas Rates

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



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**TOOL DIAGRAM**

White Fine Petroleum Corporation

**Easter Farms #1**

110 S Main Ste 500  
Wichita, KS 67202

**10-31s-6w Harper,KS**

Job Ticket: 042436

DST#: 3

ATTN: Sean Deenihan

Test Start: 2011.05.02 @ 00:57:01

### Tool Information

Drill Pipe:	Length: 4119.00 ft	Diameter: 3.80 inches	Volume: 57.78 bbl	Tool Weight: 2100.00 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: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 58.69 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4297.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4275.00	
Hydraulic tool	5.00			4280.00	
Jars	5.00			4285.00	
Safety Joint	2.00			4287.00	
Packer	5.00			4292.00	27.00 Bottom Of Top Packer
Packer	5.00			4297.00	
Stubb	1.00			4298.00	
Recorder	0.00	6798	Inside	4298.00	
Recorder	0.00	8367	Outside	4298.00	
Perforations	22.00			4320.00	
Change Over Sub	1.00			4321.00	
Drill Pipe	32.00			4353.00	
Change Over Sub	1.00			4354.00	
Perforations	6.00			4360.00	
Bullnose	3.00			4363.00	66.00 Bottom Packers & Anchor

**Total Tool Length: 93.00**



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**10-31s-6w Harper,KS**

Job Ticket: 042436

DST#: 3

ATTN: Sean Deenihan

Test Start: 2011.05.02 @ 00:57:01

## 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:

115000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2429 Feet GIP	0.000
878.00	Water	10.631
341.00	GSY OMCW 10%G 8%O 10%M 72%W	4.783
341.00	GSY OWCM 30%G 12%O 24%W 34%M	4.783
315.00	GOCM 20%G 20%O 60%M	4.419

Total Length: 1875.00 ft      Total Volume: 24.616 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW.08 @ 65 Degrees

