



DRILL STEM TEST REPORT

Prepared For: **White Pine Petl.Corp.**

110 S.Main Ste.500
Wichita Ks. 67202

ATTN: M.Bradford Rine

5-33s-5w Harper Ks.

Mason Trust #3

Start Date: 2003.06.25 @ 03:31:11

End Date: 2003.06.25 @ 11:18:26

Job Ticket #: 17892 DST #: 1

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 Pine Petr. Corp.

110 S. Main Ste. 500
Wichita Ks. 67202

ATTN: M. Bradford Rine

Mason Trust #3

5-33s-5w Harper Ks.

Job Ticket: 17892

DST#: 1

Test Start: 2003.06.25 @ 03:31:11

GENERAL INFORMATION:

Formation: **Stalnaker**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:40:26

Time Test Ended: 11:18:26

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **3456.00 ft (KB) To 3494.00 ft (KB) (TVD)**

Total Depth: 3494.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1353.00 ft (KB)

1344.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 2342

Inside

Press@RunDepth: 39.15 psig @ 3457.00 ft (KB)

Start Date: 2003.06.25 End Date: 2003.06.25

Start Time: 03:31:12 End Time: 11:18:26

Capacity: 7000.00 psig

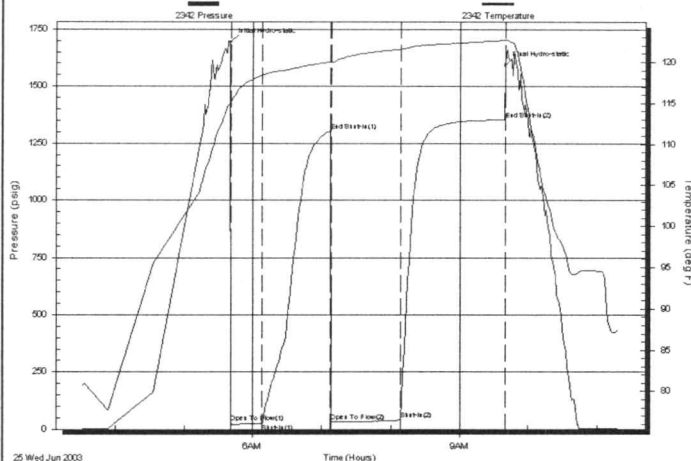
Last Calib.: 2003.06.25

Time On Btm: 2003.06.25 @ 05:40:11

Time Off Btm: 2003.06.25 @ 09:39:56

TEST COMMENT: IF: Fair to strong blow. B.O.B. in 8 mins.
IS: Fair to strong blow. B.O.B.
FF: Strong blow. B.O.B. immediately. GTS in 16 mins.
(see gas volume report)

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1692.86	115.20	Initial Hydro-static
1	30.67	115.23	Open To Flow (1)
28	24.63	118.42	Shut-In (1)
88	1303.52	120.01	End Shut-In (1)
89	34.53	119.98	Open To Flow (2)
149	39.15	121.57	Shut-In (2)
240	1354.31	122.69	End Shut-In (2)
240	1593.66	122.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Drilg. mud	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	1.00	24.43
Last Gas Rate	0.25	2.00	26.02
Max. Gas Rate	0.25	2.00	26.02



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TOOL DIAGRAM

White Pine Petr. Corp.

Mason Trust #3

110 S. Main Ste. 500
Wichita Ks. 67202

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Job Ticket: 17892

DST#: 1

ATTN: M. Bradford Rine

Test Start: 2003.06.25 @ 03:31:11

Tool Information

Drill Pipe:	Length: 3208.00 ft	Diameter: 3.80 inches	Volume: 45.00 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: 20000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 64000.00 lb
		Total Volume:	46.22 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3456.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3442.00	
S.I. Tool	5.00			3447.00	
HMV	5.00			3452.00	
Packer	4.00			3456.00	15.00 Bottom Of Top Packer
Stubb	1.00			3457.00	
Recorder	0.00	2342	Inside	3457.00	
Perforations	32.00			3489.00	
Recorder	0.00	13222	Outside	3489.00	
Bullnose	5.00			3494.00	38.00 Anchor Tool
Total Tool Length:	53.00				



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FLUID SUMMARY

White Pine Petr. Corp.

Mason Trust #3

110 S. Main Ste. 500
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Job Ticket: 17892

DST#: 1

ATTN: M. Bradford Rine

Test Start: 2003.06.25 @ 03:31:11

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:

5000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Drlg. mud	0.295

Total Length: 60.00 ft

Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-1

Laboratory Name: Caraway

Laboratory Location: Liberal KS

Recovery Comments:



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GAS RATES

White Pine Petl. Corp.

Mason Trust #3

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5-33s-5w Harper Ks.

Job Ticket: 17892

DST#: 1

ATTN: M. Bradford Rine

Test Start: 2003.06.25 @ 03:31:11

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	30	0.25	1.00	24.43
2	40	0.25	1.00	24.43
2	50	0.25	1.50	25.22
2	60	0.25	2.00	26.02

Pressure vs. Time

