



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

White Pine Petroleum Corp.

5-33s-5w Harper Co., Ks.

110 S Main St. STE 500
Wichita, Ks. 67202

Wethington #2

Job Ticket: 54197

DST#: 2

ATTN: Pat Deenihan

Test Start: 2014.07.13 @ 22:33:25

GENERAL INFORMATION:

Formation: **Miss/Osage**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 01:54:25

Time Test Ended: 07:59:10

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 4399.00 ft (KB) To 4405.00 ft (KB) (TVD)

Reference Elevations: 1346.00 ft (KB)

Total Depth: 4405.00 ft (KB) (TVD)

1336.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6773 Outside

Press@RunDepth: 352.22 psig @ 4400.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.13

End Date:

2014.07.14

Last Calib.: 2014.07.14

Start Time: 22:33:30

End Time:

07:59:10

Time On Btm: 2014.07.14 @ 01:49:55

Time Off Btm: 2014.07.14 @ 05:28:40

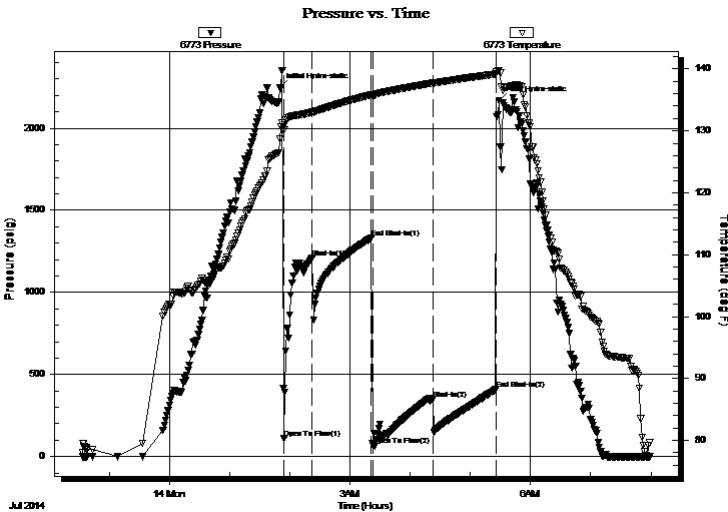
TEST COMMENT: IF: Weak blow . Surf., - 1/2".

IS: No blow .

FF: No blow .

FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2244.59	128.66	Initial Hydro-static
5	111.03	130.16	Open To Flow (1)
33	1209.76	133.05	Shut-In(1)
92	1331.90	135.83	End Shut-In(1)
93	65.76	135.65	Open To Flow (2)
153	352.22	137.72	Shut-In(2)
216	408.62	139.17	End Shut-In(2)
219	2165.89	139.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig Mud 100% m	0.02

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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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: 47.00 sec/qt

Cushion Volume:

bbbl

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
5.00	Drig Mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

