



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L Loeb LLC
 Po Box 838
 Law renceville IL 62439
 ATTN: George Payne/ Jim Ha

26-32-14 Barber Co
Hinz #3-26
 Job Ticket: 52442 **DST#: 3**
 Test Start: 2013.10.21 @ 20:58:21

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:15:51
 Time Test Ended: 06:46:06
 Interval: **4984.00 ft (KB) To 5004.00 ft (KB) (TVD)**
 Total Depth: 5004.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chris Staats
 Unit No: #47
 Reference Elevations: 1927.00 ft (KB)
 1918.00 ft (CF)
 KB to GR/CF: 9.00 ft

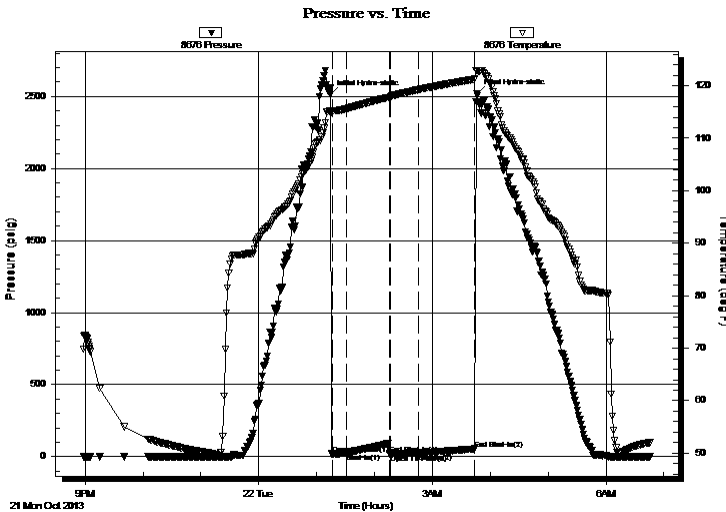
Serial #: 8676

Outside

Press @ Run Depth: 24.60 psig @ 4985.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.21 End Date: 2013.10.22 Last Calib.: 2013.10.22
 Start Time: 20:58:26 End Time: 06:46:06 Time On Btm: 2013.10.22 @ 01:13:51
 Time Off Btm: 2013.10.22 @ 03:46:21

TEST COMMENT: IF: Weak blow 1/2"
 IS: No blow back
 FF: Weak blow 1/4"
 FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2511.44	115.09	Initial Hydro-static
2	19.04	115.16	Open To Flow (1)
17	24.13	115.63	Shut-In(1)
62	19.10	117.78	End Shut-In(1)
63	18.81	117.93	Open To Flow (2)
92	24.60	119.25	Shut-In(2)
150	53.89	121.25	End Shut-In(2)
153	2520.14	122.92	Final Hydro-static

Recovery

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

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Hinz #3-26

Job Ticket: 52442

DST#: 3

ATTN: George Payne/ Jim Ha

Test Start: 2013.10.21 @ 20:58:21

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	MUD 100%	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:

