



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stewart Petroleum Corporation

Hance 14-9

475 17th St 790
Denver Co 80202

14-8s-19w-Rooks

ATTN: Daryl Stewart

Job Ticket: 43810

DST#: 3

Test Start: 2011.05.28 @ 11:36:32

GENERAL INFORMATION:

Formation: **Lansing-E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:07:02

Time Test Ended: 19:11:02

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3248.00 ft (KB) To 3270.00 ft (KB) (TVD)

Reference Elevations: 2001.00 ft (KB)

Total Depth: 3270.00 ft (KB) (TVD)

1996.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6672 Inside

Press @ Run Depth: 79.76 psig @ 3249.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.28 End Date: 2011.05.28

Last Calib.: 2011.05.28

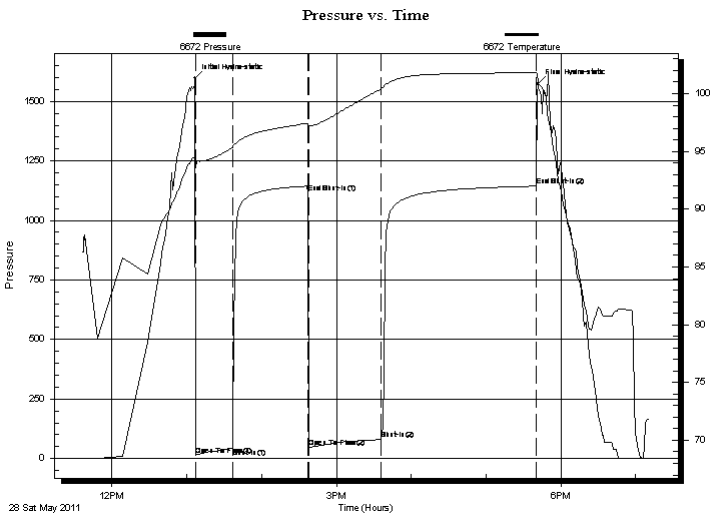
Start Time: 11:36:33 End Time: 19:11:02

Time On Btm: 2011.05.28 @ 13:06:32

Time Off Btm: 2011.05.28 @ 17:41:32

TEST COMMENT: IFP-Weak blow built to 2 3/4 in
ISI-Dead no blow back
FFP-Weak blow built to 3 in
FSI-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.54	94.45	Initial Hydro-static
1	14.51	93.60	Open To Flow (1)
30	42.09	95.32	Shut-In(1)
91	1117.47	97.42	End Shut-In(1)
91	46.05	97.21	Open To Flow (2)
150	79.76	100.41	Shut-In(2)
274	1143.77	101.83	End Shut-In(2)
275	1573.69	101.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MW 20%M80%W	0.61
20.00	MW with oil spots 45%M55%W	0.28

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:

74000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	MW 20%M80%W	0.610
20.00	MW with oil spots 45%M55%W	0.281

Total Length: 144.00 ft

Total Volume: 0.891 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

