



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stewart Petroleum Corporation

**Hance 14-9**

475 17th st 790  
Denver Co 80202

**14-8s-19w-Rooks**

Job Ticket: 43812

**DST#: 5**

ATTN: Daryl Stewart

Test Start: 2011.05.29 @ 17:25:48

## GENERAL INFORMATION:

Formation: **Lansing -K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:13:18

Time Test Ended: 01:23:48

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

**Interval: 3348.00 ft (KB) To 3390.00 ft (KB) (TVD)**

Reference Elevations: 2001.00 ft (KB)

Total Depth: 3390.00 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: 146.50 psig @ 3353.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.29

End Date:

2011.05.30

Last Calib.: 2011.05.30

Start Time: 17:25:49

End Time:

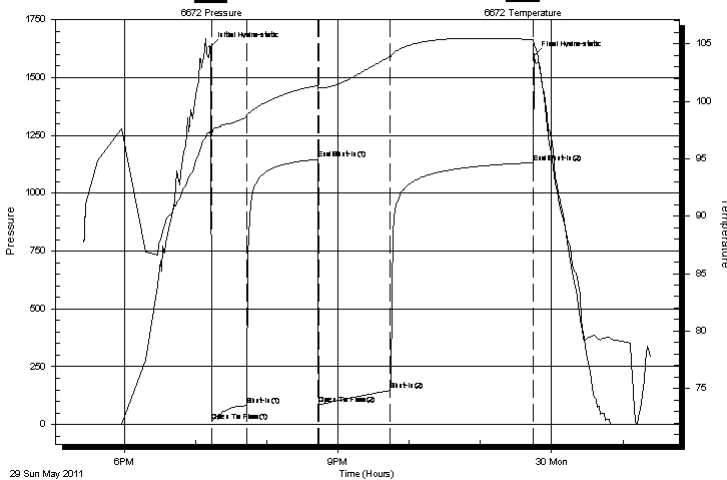
01:23:48

Time On Btm: 2011.05.29 @ 19:12:48

Time Off Btm: 2011.05.29 @ 23:45:18

**TEST COMMENT:** IFP-Fair blow built to 8 in  
ISI-Dead no blow back  
FFP-Good blow BOB in 53 min  
FSI-Dead no blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1633.44	97.47	Initial Hydro-static
1	15.00	97.07	Open To Flow (1)
30	82.84	98.65	Shut-In(1)
90	1146.92	101.39	End Shut-In(1)
91	85.28	101.17	Open To Flow (2)
151	146.50	103.88	Shut-In(2)
272	1132.38	105.40	End Shut-In(2)
273	1597.00	104.99	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
250.00	MW 20%M80%W	2.38
42.00	WM 5%W95%M	0.59

## Gas Rates

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



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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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
250.00	MW 20%M80%W	2.377
42.00	WM 5%W95%M	0.589

Total Length: 292.00 ft      Total Volume: 2.966 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

