



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Norstar Petroleum, Inc.

**Karlin #1-35**

6855 S. Havana St. STE 250  
Centennial CO, 80112

**35/10s/35w Thomas Co**

Job Ticket: 041214

**DST#: 1**

ATTN: Brad Rine

Test Start: 2011.05.09 @ 15:50:15

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:28:00

Time Test Ended: 22:30:30

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

**Interval: 4747.00 ft (KB) To 4810.00 ft (KB) (TVD)**

Reference Elevations: 3311.00 ft (KB)

Total Depth: 4810.00 ft (KB) (TVD)

3304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6669 Outside**

Press @ Run Depth: 57.23 psig @ 4805.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.09

End Date: 2011.05.09

Last Calib.: 2011.05.09

Start Time: 15:50:15

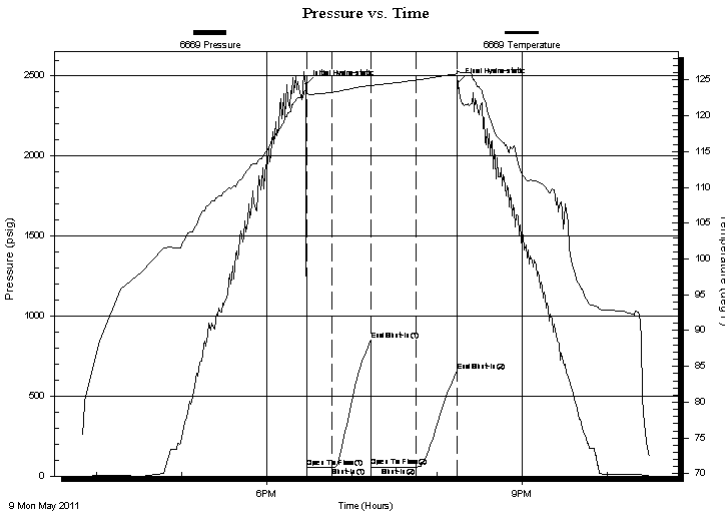
End Time: 22:30:30

Time On Btm: 2011.05.09 @ 18:27:45

Time Off Btm: 2011.05.09 @ 20:15:00

**TEST COMMENT:** IF: Built to 1/8" blow  
IS: No return blow  
FF: No blow  
FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2449.22	123.59	Initial Hydro-static
1	55.43	123.19	Open To Flow (1)
18	55.76	123.25	Shut-In(1)
46	853.04	124.27	End Shut-In(1)
46	58.15	124.07	Open To Flow (2)
78	57.23	124.96	Shut-In(2)
107	656.70	125.84	End Shut-In(2)
108	2460.85	126.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	m	0.02

## 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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

