



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Larson Engineering, Inc.

562 W. State Rd.4
Olmitz Ks 67564

ATTN: Steve Davis

Splitter-Hilgenberg #1-35

35-18-29 Lane Co KS

Job Ticket: 38357

DST#: 1

Test Start: 2010.09.28 @ 00:10:15

GENERAL INFORMATION:

Formation: **H-zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:36:45

Time Test Ended: 06:28:15

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4164.00 ft (KB) To 4206.00 ft (KB) (TVD)

Reference Elevations: 2806.00 ft (KB)

Total Depth: 4206.00 ft (KB) (TVD)

2799.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8358

Inside

Press @ Run Depth: 32.95 psig @ 4165.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.28

End Date:

2010.09.28

Last Calib.:

2010.09.29

Start Time: 00:10:15

End Time:

06:28:15

Time On Btm:

2010.09.28 @ 02:36:30

Time Off Btm:

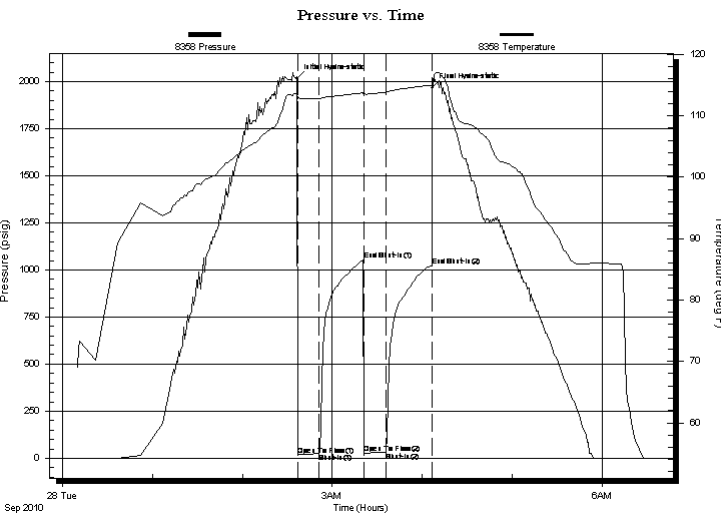
2010.09.28 @ 04:06:45

TEST COMMENT: IF: Built to surface blow

IS: No return blow

FF: No blow

FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2015.73	113.58	Initial Hydro-static
1	18.36	112.83	Open To Flow (1)
15	27.13	112.77	Shut-In(1)
45	1053.13	113.75	End Shut-In(1)
45	28.20	113.22	Open To Flow (2)
59	32.95	113.82	Shut-In(2)
90	1021.87	115.01	End Shut-In(2)
91	1966.55	115.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	m 100% 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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	m 100% 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:

Pressure vs. Time

