



**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: 38364

DST#: 8

Test Start: 2010.10.04 @ 08:15:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:05:30

Time Test Ended: 13:33:30

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4387.00 ft (KB) To 4445.00 ft (KB) (TVD)

Reference Elevations: 2806.00 ft (KB)

Total Depth: 4445.00 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: 38.28 psig @ 4388.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.04

End Date:

2010.10.04

Last Calib.: 2010.10.04

Start Time: 08:15:15

End Time:

13:33:30

Time On Btm: 2010.10.04 @ 10:05:15

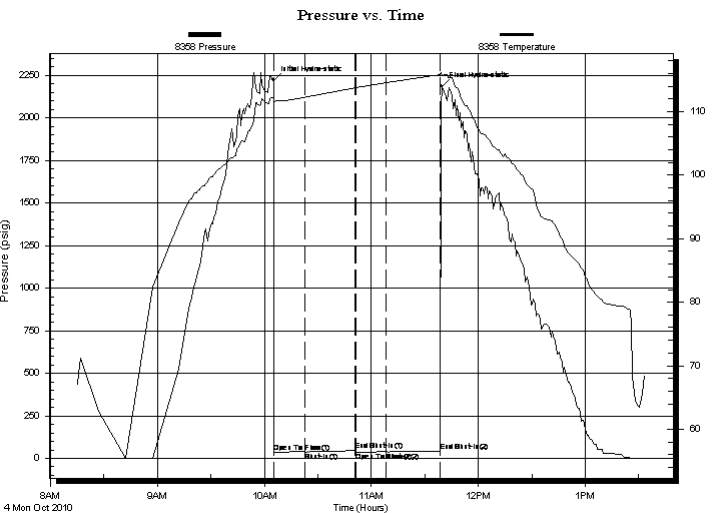
Time Off Btm: 2010.10.04 @ 11:39:30

TEST COMMENT: IF: weak surface blow died in 10 min.

IS: No return blow

FF: No blow

FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2221.17	112.17	Initial Hydro-static
1	37.26	111.41	Open To Flow (1)
18	38.40	112.26	Shut-In(1)
46	45.91	113.77	End Shut-In(1)
46	36.86	113.77	Open To Flow (2)
63	38.28	114.57	Shut-In(2)
94	44.07	115.84	End Shut-In(2)
95	2186.40	115.86	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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
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:

