



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Casino Petroleum

14-20-11w Barton

Po Box 415 Ellinw ood
Ks 67526

Zahorsky M #1

Job Ticket: 62882

DST#: 2

ATTN: Todd Morgensten

Test Start: 2015.04.27 @ 07:42:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:07:30

Time Test Ended: 11:55:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 59-Great Bend-40

Interval: 3278.00 ft (KB) To 3288.00 ft (KB) (TVD)

Reference Elevations: 1750.00 ft (KB)

Total Depth: 3288.00 ft (KB) (TVD)

1743.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6839 Inside

Press @ RunDepth: 67.57 psig @ 3283.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2015.04.27 End Date: 2015.04.27

Last Calib.: 2015.04.28

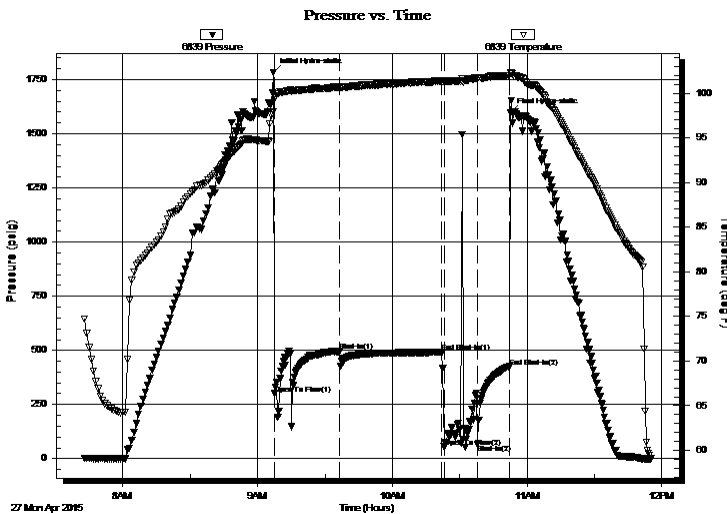
Start Time: 07:43:00 End Time: 11:55:00

Time On Btm: 2015.04.27 @ 09:07:00

Time Off Btm: 2015.04.27 @ 10:52:30

TEST COMMENT: 1st Open 30 min Weak building blow built to 2 inches.
1st Shut in 45 min No blow .
2nd Open 15 min Dead flushed tool w eak surface blow
2nd Shut in 15 min No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1783.50	97.92	Initial Hydro-static
1	299.94	99.30	Open To Flow (1)
30	494.60	100.75	Shut-In(1)
75	490.56	101.43	End Shut-In(1)
76	54.39	101.25	Open To Flow (2)
91	67.57	101.60	Shut-In(2)
105	424.98	102.00	End Shut-In(2)
106	1596.12	102.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
26.00	Mud 100%	0.36

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Casino Petroleum

14-20-11w Barton

Po Box 415 Ellinw ood
Ks 67526

Zahorsky M #1

Job Ticket: 62882

DST#: 2

ATTN: Todd Morgensten

Test Start: 2015.04.27 @ 07:42:00

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
26.00	Mud 100%	0.365

Total Length: 26.00 ft Total Volume: 0.365 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

