



**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: 62883

DST#: 3

ATTN: Todd Morgensten

Test Start: 2015.04.28 @ 01:39:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:50:30

Time Test Ended: 06:09:00

Test Type: Conventional Straddle (Initial)

Tester: Dustin Ellis

Unit No: 59-Great Bend-40

Interval: 3286.00 ft (KB) To 3294.00 ft (KB) (TVD)

Reference Elevations: 1750.00 ft (KB)

Total Depth: 3360.00 ft (KB) (TVD)

1743.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8525 Inside

Press@RunDepth: 52.10 psig @ 3291.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2015.04.28 End Date: 2015.04.28

Last Calib.: 2015.04.28

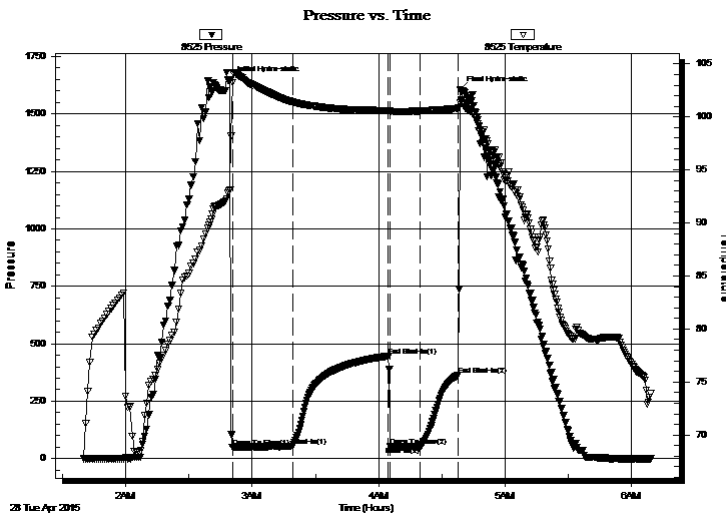
Start Time: 01:40:00 End Time: 06:09:00

Time On Btm: 2015.04.28 @ 02:49:30

Time Off Btm: 2015.04.28 @ 04:38:30

TEST COMMENT: 1st Open 30 min Good building blow built to 7.5 inches.
1st Shut in 45 min No blow back
2nd Open 15 min Dead
2nd Shut in 15 min No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1644.51	93.11	Initial Hydro-static
1	48.74	103.21	Open To Flow (1)
30	53.90	101.39	Shut-In(1)
75	446.49	100.61	End Shut-In(1)
76	52.96	100.51	Open To Flow (2)
91	52.10	100.55	Shut-In(2)
109	362.74	100.77	End Shut-In(2)
109	1603.61	101.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
52.00	Very lightly oil spotted mud mud 100%	0.73

Gas Rates

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



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FLUID SUMMARY

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DST#: 3

ATTN: Todd Morgensten

Test Start: 2015.04.28 @ 01:39:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
52.00	Very lightly oil spotted mud mud 100%	0.729

Total Length: 52.00 ft Total Volume: 0.729 bbl

Num Fluid Samples: 0

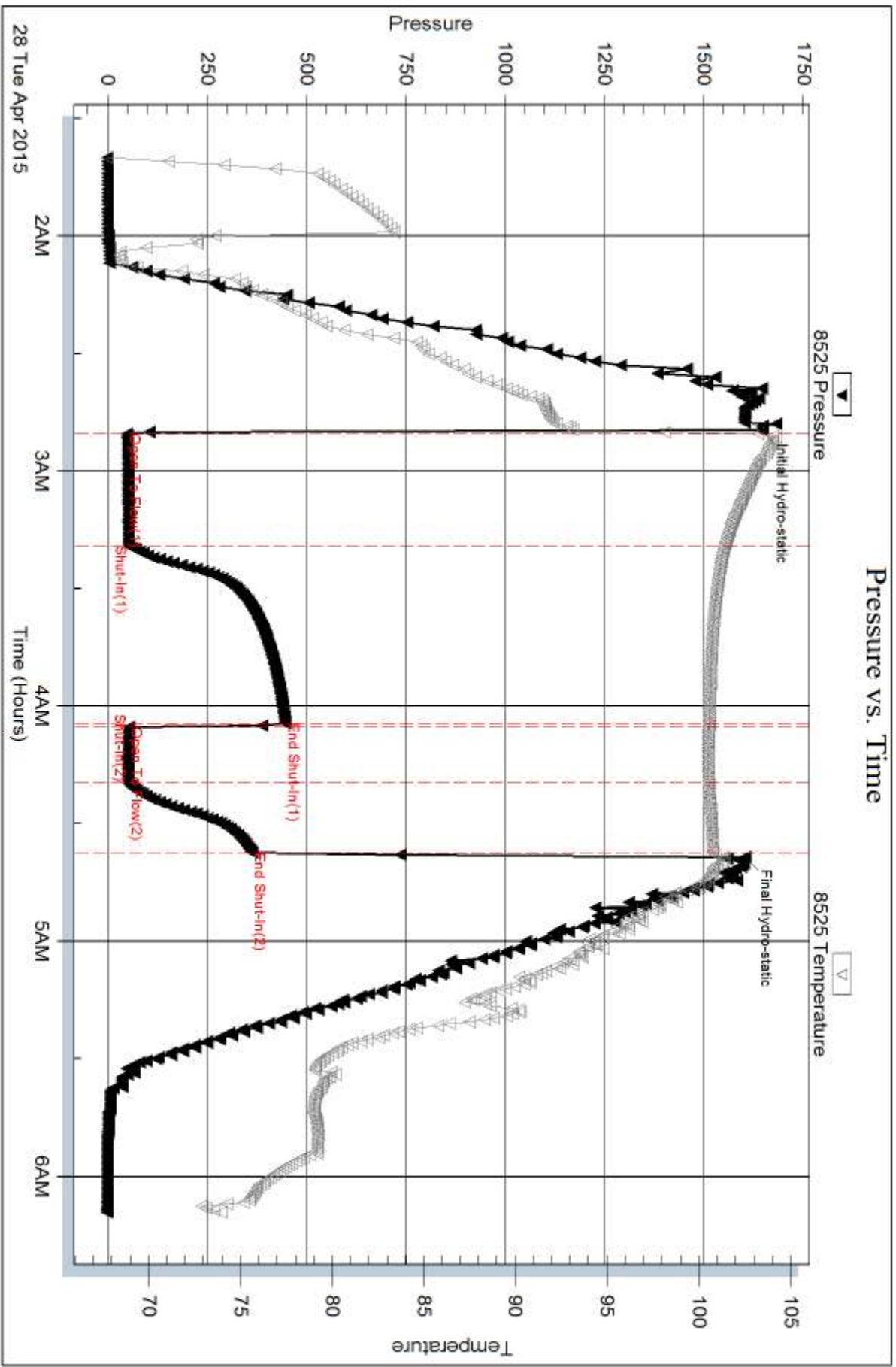
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6749

Below (Strat) Petroleum

Zahorsky M#1

DST Test Number: 3

