



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: 62884

DST#: 4

ATTN: Todd Morgensten

Test Start: 2015.04.28 @ 06:50:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:17:30

Time Test Ended: 12:29:00

Test Type: Conventional Straddle (Initial)

Tester: Dustin Ellis

Unit No: 59-Great Bend-40

Interval: 3284.00 ft (KB) To 3304.00 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 #: 6839

Inside

Press@RunDepth: 290.14 psig @ 3301.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2015.04.28

End Date:

2015.04.28

Last Calib.:

2015.04.29

Start Time: 06:51:00

End Time:

12:29:00

Time On Btm:

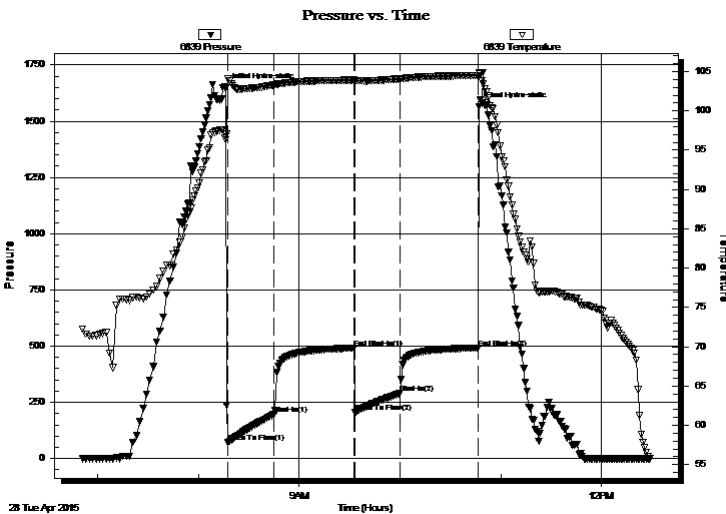
2015.04.28 @ 08:16:00

Time Off Btm:

2015.04.28 @ 10:47:00

TEST COMMENT: 1st Open 30 min BOB in 2 min.
1st Shut in 45 min. No blow back
2nd Open 30 min BOB in 11 min.
2nd Shut in 45 min. No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1647.22	96.33	Initial Hydro-static
2	72.27	104.10	Open To Flow (1)
29	196.79	103.28	Shut-In(1)
77	491.42	103.91	End Shut-In(1)
77	205.35	103.84	Open To Flow (2)
104	290.14	104.07	Shut-In(2)
151	492.19	104.48	End Shut-In(2)
151	1564.96	104.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	Lightly oil spotted muddy water 100%	2.65
401.00	Water 100%	5.62

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2015.04.28 @ 06:50:00

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:

bbbl

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
189.00	Lightly oil spotted muddy w ater 100%	2.651
401.00	Water 100%	5.625

Total Length: 590.00 ft Total Volume: 8.276 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

