



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Black Tea Oil, LLC
1011 Centennial Blvd.
Suite B
Hays, KS 67601
ATTN: Chris Leiker/Kevin B

S36-14-32 Logan, KS

Krebs E

Job Ticket: 55528

DST#: 1

Test Start: 2013.09.30 @ 10:03:00

GENERAL INFORMATION:

Formation: **LKC A - C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:11:00

Time Test Ended: 15:56:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 3735.00 ft (KB) To 3773.00 ft (KB) (TVD)

Reference Elevations: 2708.00 ft (KB)

Total Depth: 3773.00 ft (KB) (TVD)

2699.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6751

Outside

Press @ Run Depth: 46.77 psig @ 3738.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.30

End Date:

2013.09.30

Last Calib.:

2013.09.30

Start Time: 10:03:01

End Time:

15:56:10

Time On Btm:

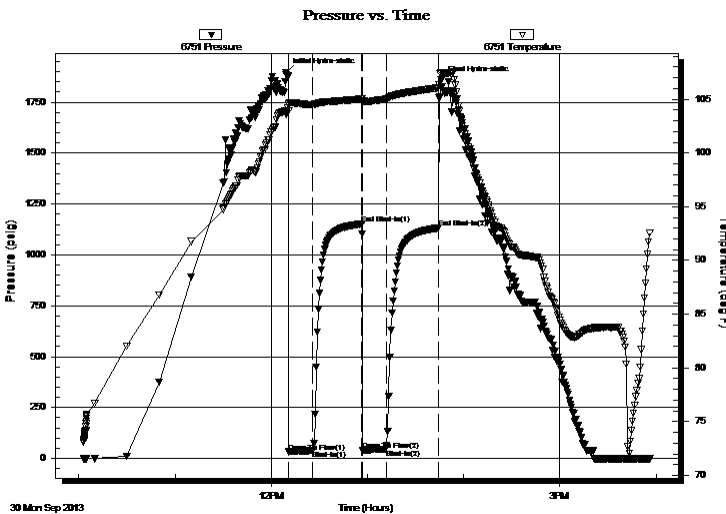
2013.09.30 @ 12:09:10

Time Off Btm:

2013.09.30 @ 13:46:00

TEST COMMENT: 2" Steady blow, bled off the blow due to tool sliding 2 -3 feet, no blow.
No return.
No blow, flushed tool, very weak surface blow.
No return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1896.80 | 103.79 | Initial Hydro-static |
| 2 | 32.68 | 103.95 | Open To Flow (1) |
| 17 | 38.85 | 104.48 | Shut-In(1) |
| 48 | 1152.79 | 105.03 | End Shut-In(1) |
| 48 | 41.37 | 104.64 | Open To Flow (2) |
| 63 | 46.77 | 105.01 | Shut-In(2) |
| 95 | 1132.01 | 106.07 | End Shut-In(2) |
| 97 | 1858.88 | 107.50 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 60.00 | M100m | 0.31 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



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FLUID SUMMARY

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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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 60.00 | M 100m | 0.313 |

Total Length: 60.00 ft Total Volume: 0.313 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

