



DRILL STEM TEST REPORT

Prepared For: **Black Tea Oil LLC.**

1011 Centennial Blvd. Ste.B
Hays Kansas 67601

ATTN: Kevin Bailey

Krebs G #1

28-14s-32w-Logan

Start Date: 2013.11.05 @ 12:02:00

End Date: 2013.11.05 @ 19:49:30

Job Ticket #: 18534 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.05 @ 06:07:45



DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Tea Oil LLC.
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 Hays Kansas 67601
 ATTN: Kevin Bailey

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Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 3669.00 ft | Diameter: 3.80 inches | Volume: 51.47 bbl | Tool Weight: | 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 20000.00 lb |
| Drill Collar: | Length: 86.82 ft | Diameter: 2.25 inches | Volume: 0.43 bbl | Weight to Pull Loose: | 42000.00 lb |
| | | | <u>Total Volume: 51.90 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 10.82 ft | | | String Weight: Initial | 32000.00 lb |
| Depth to Top Packer: | 3760.00 ft | | | Final | 33000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 82.42 ft | | | | |
| Tool Length: | 97.42 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | | |
| Tool Comments: | | | | | |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|---------------------------------|
| Shut-In Tool | 5.00 | | | 3750.00 | |
| Hydraulic Tool | 5.00 | | | 3755.00 | |
| Packer | 5.00 | | | 3760.00 | 15.00 Bottom Of Top Packer |
| Shell Packer | 5.00 | | | 3765.00 | |
| Anchor | 5.00 | | | 3770.00 | |
| Change Over Sub | 0.75 | | | 3770.75 | |
| Drill Pipe | 31.92 | | | 3802.67 | |
| Change Over Sub | 0.75 | | | 3803.42 | |
| Anchor | 34.00 | | | 3837.42 | |
| Recorder | 1.00 | 8524 | Inside | 3838.42 | |
| Recorder | 1.00 | 6839 | Outside | 3839.42 | |
| Bull Plug | 3.00 | | | 3842.42 | 82.42 Anchor Tool |

Total Tool Length: 97.42



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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: | 39.00 sec/qt | Cushion Volume: | bbbl | | |
| Water Loss: | 10.40 in ³ | Gas Cushion Type: | | | |
| Resistivity: | ohm.m | Gas Cushion Pressure: | psia | | |
| Salinity: | 2000.00 ppm | | | | |
| Filter Cake: | 1.00 inches | | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|---------------------------|----------------|
| 2.00 | Clean Oil 100% | 0.010 |
| 183.00 | Oil cut mud 98%Mud 2% Oil | 1.794 |

Total Length: 185.00 ft Total Volume: 1.804 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8524

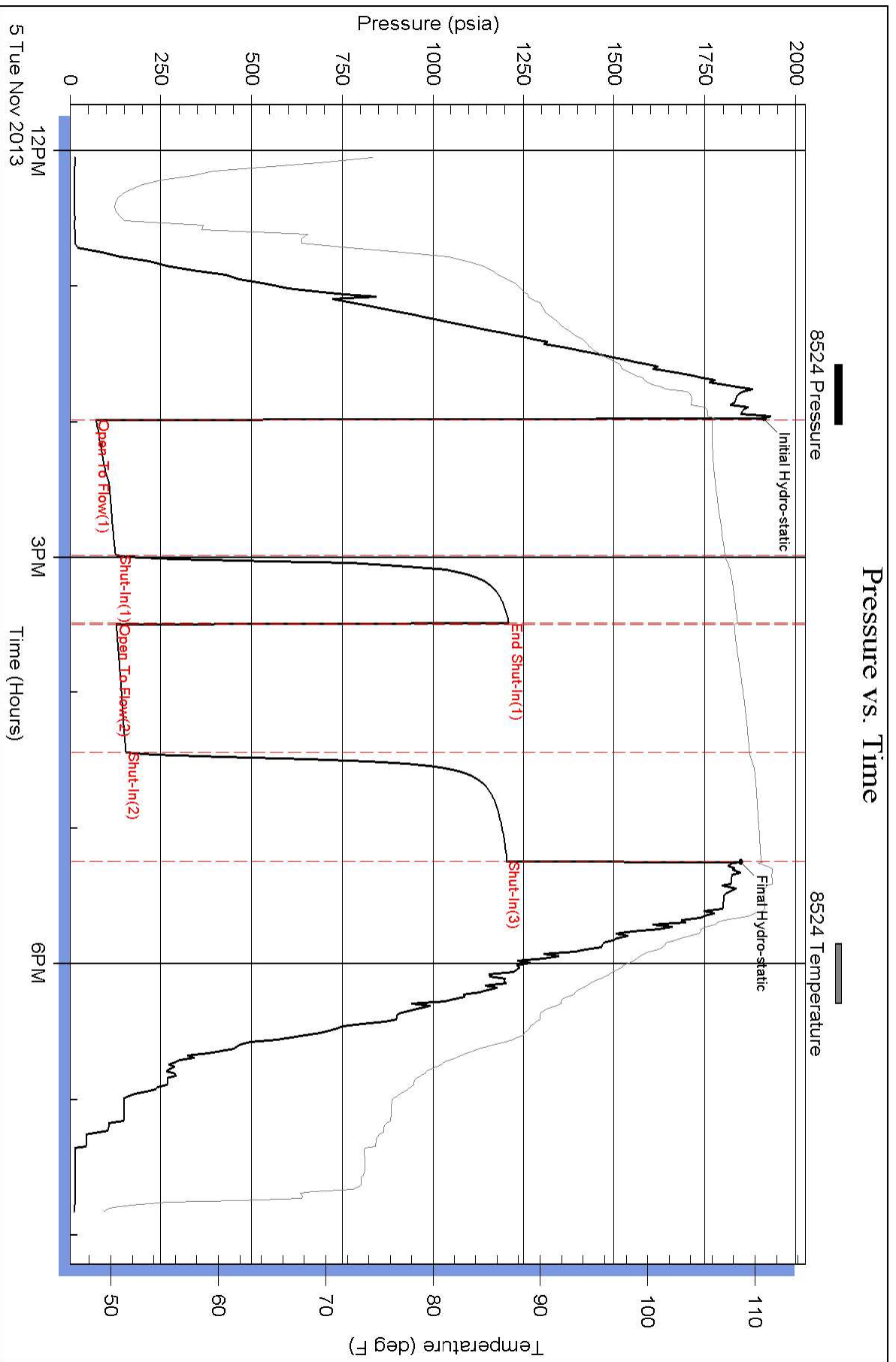
Inside

Black Tea Oil LLC.

Kebs G#1

DST Test Number: 2

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 18534

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