



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mikol Oil LLC
 1407 Washington Cir
 Hays KS 67601
 ATTN: Marc Downing

34-10s-17w, Rooks, KS
Richmond #3-34
 Job Ticket: 50281 **DST#: 2**
 Test Start: 2013.04.16 @ 23:55:00

GENERAL INFORMATION:

Formation: **Cong.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:56:30
 Time Test Ended: 05:22:00
Interval: 3423.00 ft (KB) To 3450.00 ft (KB) (TVD)
 Total Depth: 3450.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 1919.00 ft (KB)
 1911.00 ft (CF)
 KB to GR/CF: 8.00 ft

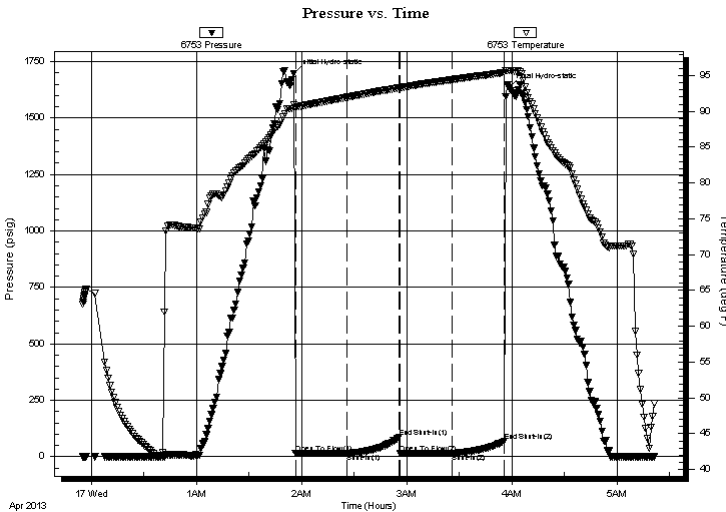
Serial #: 6753

Inside

Press @ Run Depth: 16.09 psig @ 3424.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.04.16 End Date: 2013.04.17 Last Calib.: 2013.04.17
 Start Time: 23:55:05 End Time: 05:21:59 Time On Btm: 2013.04.17 @ 01:55:30
 Time Off Btm: 2013.04.17 @ 03:58:30

TEST COMMENT: IF-1in blow died back to 3/4in blow
 IS- No blow
 FF- No blow
 FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1698.33	90.97	Initial Hydro-static
1	14.07	90.50	Open To Flow (1)
31	15.46	91.99	Shut-In(1)
60	85.92	93.29	End Shut-In(1)
61	14.40	93.27	Open To Flow (2)
91	16.09	94.43	Shut-In(2)
120	67.77	95.41	End Shut-In(2)
123	1633.37	95.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

* Recovery from multiple tests

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: 8.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6753

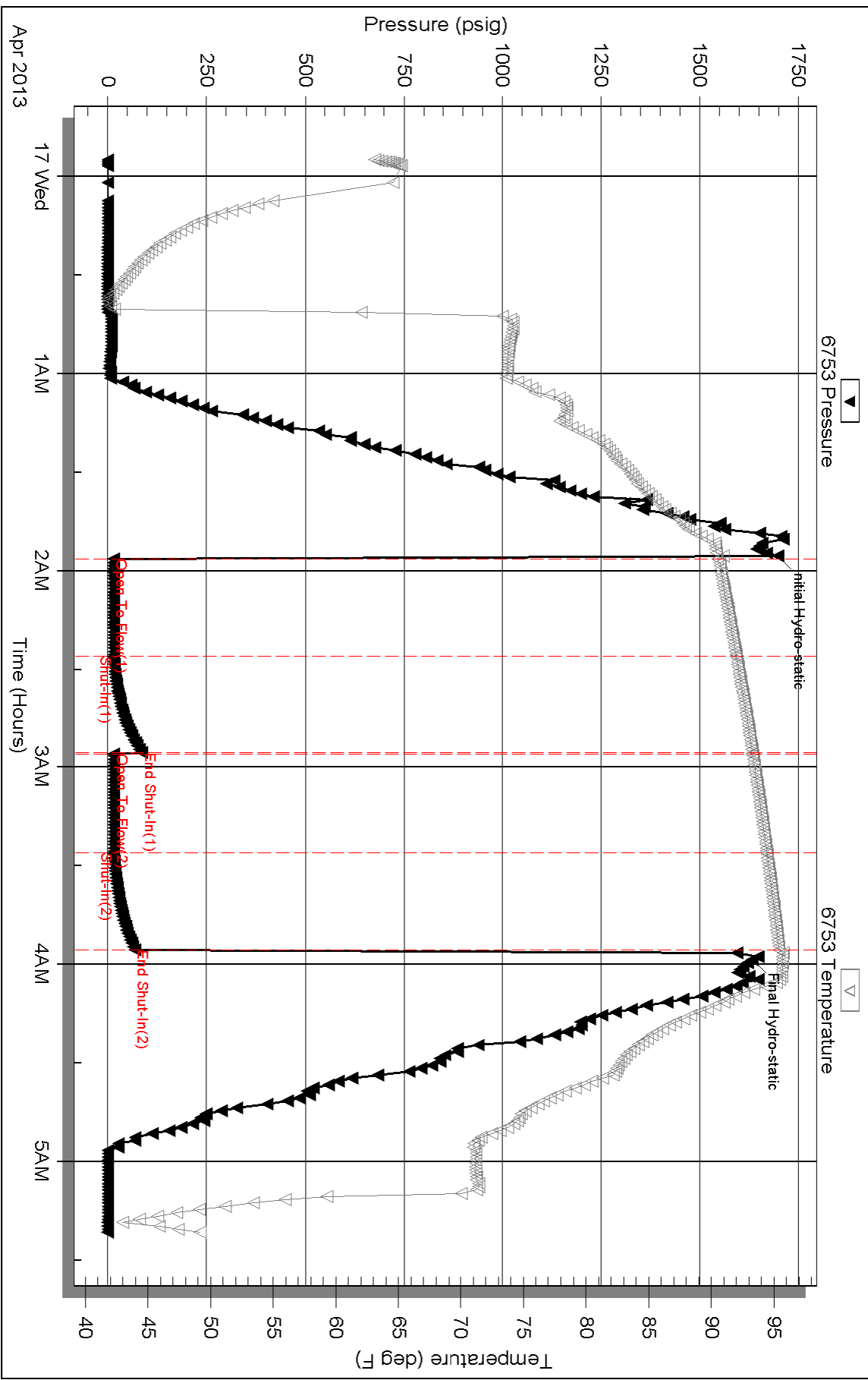
Inside

Mkol Oil Llc

Richmond #3-34

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50281

Printed: 2013.04.17 @ 08:36:01