



**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: 50280 **DST#: 1**  
Test Start: 2013.04.16 @ 06:45:00

## GENERAL INFORMATION:

Formation: **KC"H-J"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 09:35:30  
Time Test Ended: 13:03:00  
Interval: **3254.00 ft (KB) To 3330.00 ft (KB) (TVD)**  
Total Depth: 3330.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Brett Dickinson  
Unit No: 59  
Reference Elevations: 1919.00 ft (KB)  
1911.00 ft (CF)  
KB to GR/CF: 8.00 ft

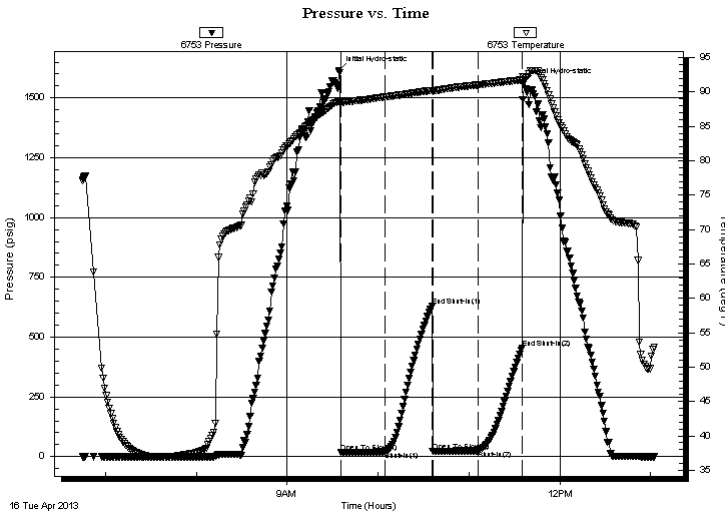
## Serial #: 6753

Inside

Press @ Run Depth: 24.87 psig @ 3255.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2013.04.16 End Date: 2013.04.16 Last Calib.: 2013.04.16  
Start Time: 06:45:05 End Time: 13:02:59 Time On Btm: 2013.04.16 @ 09:34:00  
Time Off Btm: 2013.04.16 @ 11:36:30

TEST COMMENT: IF-1in blow  
ISI-No blow  
FF-Weak surface blow  
FSI-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1615.03	88.61	Initial Hydro-static
2	16.61	88.41	Open To Flow (1)
31	20.28	89.29	Shut-In(1)
62	628.11	90.24	End Shut-In(1)
62	21.45	90.11	Open To Flow (2)
92	24.87	91.05	Shut-In(2)
121	453.66	91.78	End Shut-In(2)
123	1563.63	92.28	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.07

## 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: 7.99 in <sup>3</sup>	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
15.00	Mud	0.074

Total Length: 15.00 ft      Total Volume: 0.074 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: 1

