



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mikol Oil LLC
1407 Washington
Hays KS 67601
ATTN: Marc D

29-8-16, Rooks, KS

Kollman #1-29

Job Ticket: 64869

DST#: 1

Test Start: 2015.11.27 @ 00:25:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:19:33

Time Test Ended: 06:59:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 81

Interval: 3070.00 ft (KB) To 3106.00 ft (KB) (TVD)

Reference Elevations: 1978.00 ft (KB)

Total Depth: 3106.00 ft (KB) (TVD)

1970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8736 Outside

Press@RunDepth: 17.54 psig @ 3071.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.11.27

End Date: 2015.11.27

Last Calib.: 2015.11.27

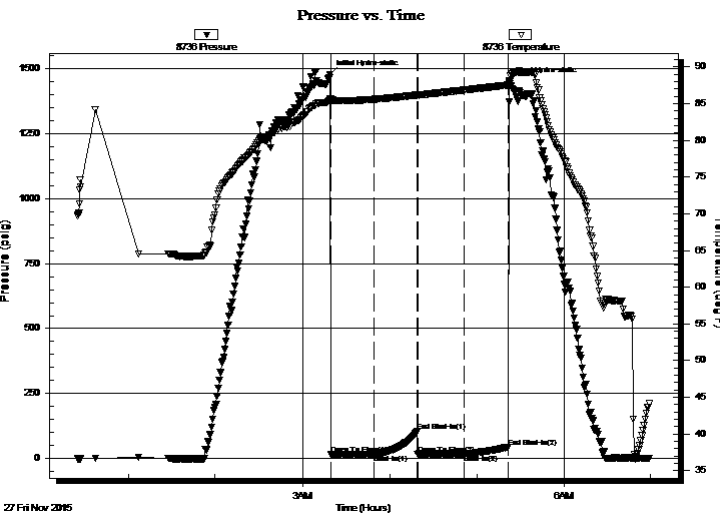
Start Time: 00:25:23

End Time: 06:59:02

Time On Btm: 2015.11.27 @ 03:19:03

Time Off Btm: 2015.11.27 @ 05:22:33

TEST COMMENT: IF-1in blow
IS-No blow
FF-Surface blow
FS-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1478.73	85.66	Initial Hydro-static
1	14.51	85.34	Open To Flow (1)
30	16.70	85.61	Shut-In(1)
60	103.15	86.19	End Shut-In(1)
61	16.84	86.14	Open To Flow (2)
93	17.54	86.87	Shut-In(2)
123	43.86	87.54	End Shut-In(2)
124	1450.10	88.18	Final Hydro-static

Recovery

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

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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 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:

