



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mikol Oil LLC

1407 Washington Cir
Hays KS, 67601

ATTN: Marc Downing

14-12s-17w Ellis KS

Miller 1-14

Job Ticket: 59372

DST#: 2

Test Start: 2014.10.22 @ 06:42:00

GENERAL INFORMATION:

Formation: **LKC "H-I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:10:00

Time Test Ended: 12:38:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

Interval: 3520.00 ft (KB) To 3569.00 ft (KB) (TVD)

Total Depth: 3569.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2147.00 ft (KB)

2139.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8648 Inside

Press@RunDepth: 35.84 psig @ 3557.00 ft (KB)

Start Date: 2014.10.22

End Date:

2014.10.22

Start Time: 06:42:05

End Time:

12:38:44

Capacity: 8000.00 psig

Last Calib.: 2014.10.22

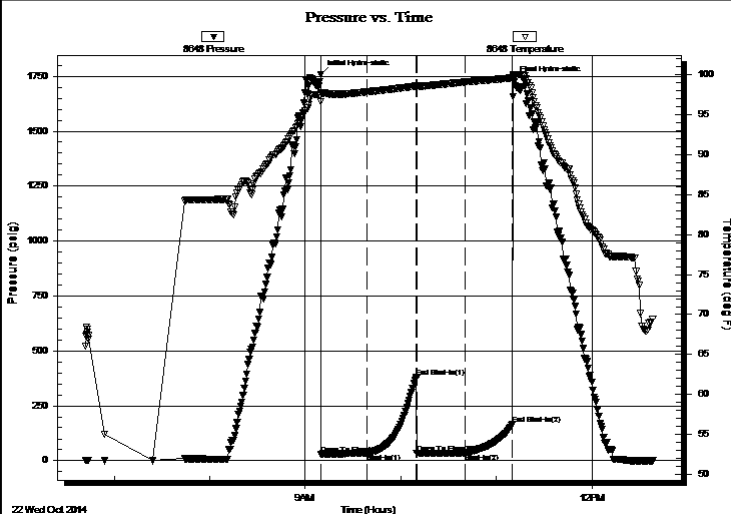
Time On Btm: 2014.10.22 @ 09:09:45

Time Off Btm: 2014.10.22 @ 11:10:45

TEST COMMENT: 30 - IF- 1/4" blow
30 - IS- No return
30 - FF- Surface blow
30 - FS- No return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1758.65	97.71	Initial Hydro-static
1	29.35	96.64	Open To Flow (1)
30	32.85	97.83	Shut-In(1)
60	380.13	98.56	End Shut-In(1)
61	34.31	98.40	Open To Flow (2)
91	35.84	99.05	Shut-In(2)
121	164.44	99.57	End Shut-In(2)
121	1731.56	99.89	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
15.00	SOCM, 10%O, 90%M	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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FLUID SUMMARY

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ATTN: Marc Downing

Test Start: 2014.10.22 @ 06:42:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.50 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	SOCM, 10%O, 90%M	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 #: 8648

Inside

Mkol Oil LLC

Miller 1-14

DST Test Number: 2

Pressure vs. Time

