



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Mkol Oil Co LLC.

**14-10s-17w Rooks**

1407 Washington cir.  
Hays Ks. 67601

**Gosser 2-14**

Job Ticket: 54330

**DST#: 3**

ATTN: Marc Downing

Test Start: 2013.10.31 @ 02:20:01

## GENERAL INFORMATION:

Formation: **LKC"H-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:02:00

Time Test Ended: 09:13:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Andy Carreira

Unit No: 68

**Interval: 3301.00 ft (KB) To 3376.00 ft (KB) (TVD)**

Reference Elevations: 2001.00 ft (KB)

Total Depth: 3376.00 ft (KB) (TVD)

1993.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

**Serial #: 8372 Inside**

Press @ Run Depth: 57.52 psig @ 3304.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.31

End Date: 2013.10.31

Last Calib.: 2013.10.31

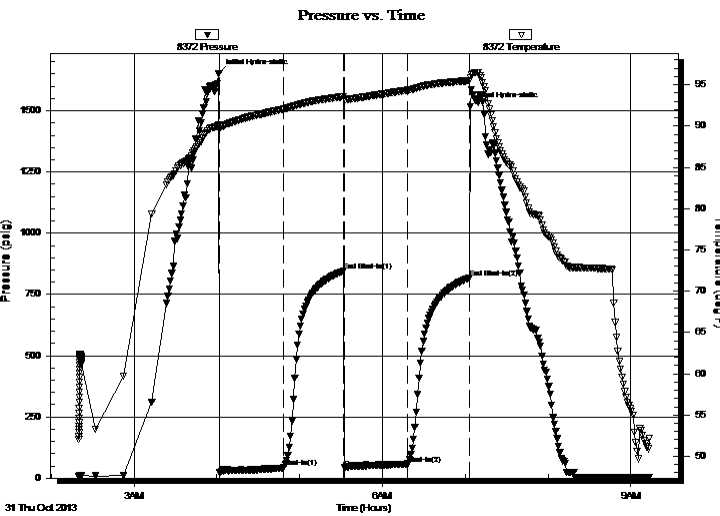
Start Time: 02:20:01

End Time: 09:13:30

Time On Btm: 2013.10.31 @ 04:01:30

Time Off Btm: 2013.10.31 @ 07:03:30

**TEST COMMENT:** IF:(45min) 2" blow in 7 min. 6" in 17 min. BOB in 36 min.  
IS:(45min) Return surface blow 36 min after bleed off.  
FF:(45min) 2" blow in 1 min. 6" in 10 min. BOB in 30 min.  
FS:(45min) Return intermittent surface blow 1 min after bleed off.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1652.65	90.13	Initial Hydro-static
1	21.48	89.64	Open To Flow (1)
47	43.09	92.06	Shut-In(1)
90	844.69	93.56	End Shut-In(1)
91	41.99	93.30	Open To Flow (2)
137	57.52	94.33	Shut-In(2)
182	817.51	95.50	End Shut-In(2)
182	1516.43	95.79	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	HOCM o=35% m=65%	0.71
30.00	CO o=100%	0.42
0.00	GIP= 150 ft	0.00

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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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: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

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 bbbl
70.00	HOCM o=35% m=65%	0.709
30.00	CO o=100%	0.421
0.00	GIP = 150 ft	0.000

Total Length: 100.00 ft

Total Volume: 1.130 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8372

Inside

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Gosser 2-14

DST Test Number: 3

