



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Mike Kelso Oil Inc

**21-14s-22w Trego**

PO Box 467  
Chase Ks 67524-0467

**Honas A #2**

Job Ticket: 63015

**DST#: 1**

ATTN: Mike Kelso, Pat Deen

Test Start: 2017.08.25 @ 00:50:39

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:16:49

Time Test Ended: 09:20:03

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 77

**Interval: 3956.00 ft (KB) To 3990.00 ft (KB) (TVD)**

Reference Elevations: 2228.00 ft (KB)

Total Depth: 3990.00 ft (KB) (TVD)

2222.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

**Serial #: 8360**

**Inside**

Press@RunDepth: 41.20 psig @ 3962.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.08.25

End Date:

2017.08.25

Last Calib.:

2017.08.25

Start Time:

00:50:39

End Time:

09:20:03

Time On Btm:

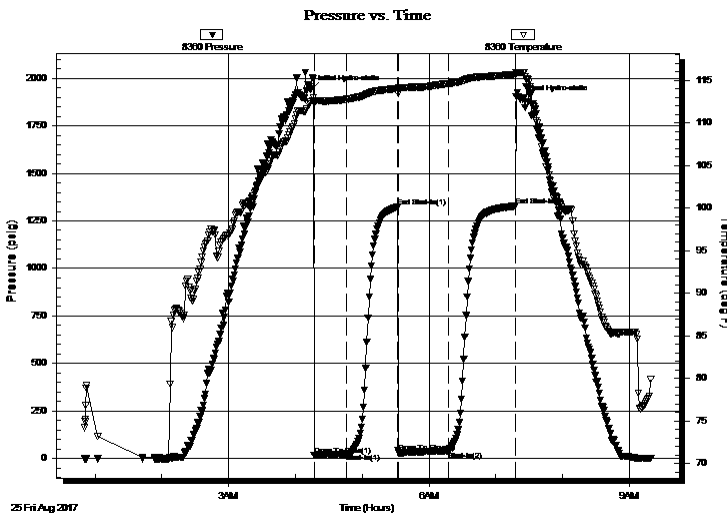
2017.08.25 @ 04:14:04

Time Off Btm:

2017.08.25 @ 07:22:33

**TEST COMMENT:** 30-IFP-w k bl thru-out 1/4"to 1/2"bl  
45-ISIP-no bl  
45-FFP-w k bl thru-out 1/2"to 1"bl  
60-FSIP-no bl

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1939.40	112.49	Initial Hydro-static
3	19.45	112.32	Open To Flow (1)
33	25.54	112.78	Shut-In(1)
78	1321.54	114.04	End Shut-In(1)
79	31.41	113.82	Open To Flow (2)
124	41.20	114.61	Shut-In(2)
184	1327.57	115.66	End Shut-In(2)
189	1887.43	115.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	90' GIP	0.00
45.00	HO&GCM 5%G35%O60%M	0.32

## Gas Rates

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



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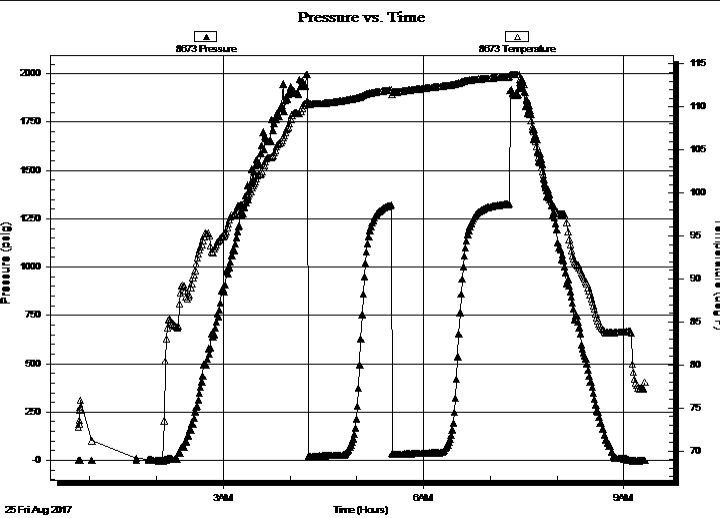
**21-14s-22w Trego**  
**Honas A #2**  
 Job Ticket: 63015      **DST#: 1**  
 Test Start: 2017.08.25 @ 00:50:39

## GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 04:16:49  
 Tester: Ray Schwager  
 Time Test Ended: 09:20:03  
 Unit No: 77  
**Interval: 3956.00 ft (KB) To 3990.00 ft (KB) (TVD)**  
 Reference Elevations: 2228.00 ft (KB)  
 Total Depth: 3990.00 ft (KB) (TVD)  
 2222.00 ft (CF)  
 Hole Diameter: 7.85 inches Hole Condition: Fair  
 KB to GR/CF: 6.00 ft

**Serial #: 8673 Outside**  
 Press@RunDepth: psig @ 3962.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2017.08.25      End Date: 2017.08.25      Last Calib.: 2017.08.25  
 Start Time: 00:50:09      End Time: 09:19:18      Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 30-IFP-w k bl thru-out 1/4"to 1/2"bl  
 45-ISIP-no bl  
 45-FFP-w k bl thru-out 1/2"to 1"bl  
 60-FSIP-no bl



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	90' GIP	0.00
45.00	HO&GCM 5%G35%O60%M	0.32

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



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**FLUID SUMMARY**

Mike Kelso Oil Inc

**21-14s-22w Trego**

PO Box 467  
Chase Ks 67524-0467

**Honas A #2**

Job Ticket: 63015

**DST#: 1**

ATTN: Mike Kelso, Pat Deen

Test Start: 2017.08.25 @ 00:50:39

## 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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	90' GIP	0.000
45.00	HO&GCM 5%G35%O60%M	0.319

Total Length: 45.00 ft      Total Volume: 0.319 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

