



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Indian Oil Co., Inc.  
2507 SE US 160 Hwy.  
Medicine Lodge, KS 67104  
ATTN: Aaron Young

**21-32s-12w Barber Co., KS**

**Jerome 1**

Job Ticket: 57884

**DST#: 1**

Test Start: 2015.08.19 @ 08:13:22

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 09:52:07

Time Test Ended: 15:37:07

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 68

**Interval: 4361.00 ft (KB) To 4435.00 ft (KB) (TVD)**

Reference Elevations: 1584.00 ft (KB)

Total Depth: 4435.00 ft (KB) (TVD)

1572.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

## Serial #: 8790

Press@RunDepth: 37.79 psig @ 4368.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.19

End Date:

2015.08.19

Last Calib.:

2015.08.19

Start Time: 08:13:27

End Time:

15:37:06

Time On Btm:

2015.08.19 @ 09:51:07

Time Off Btm:

2015.08.19 @ 13:43:07

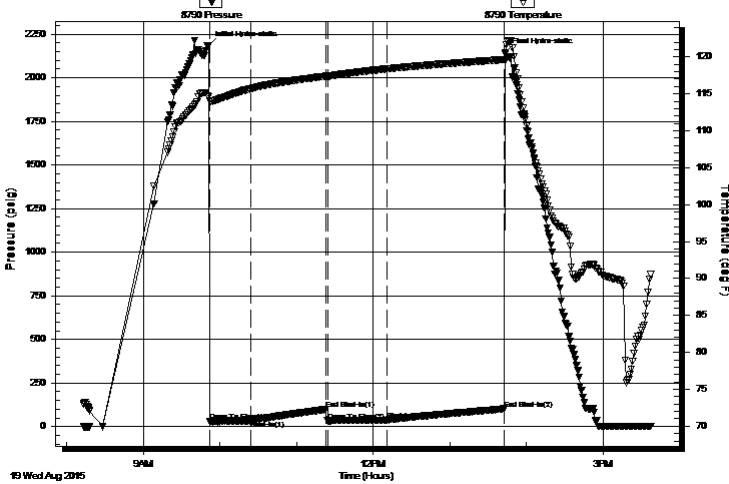
TEST COMMENT: IF: Fair blow . surf. - 7"

IS: No blow .

FF: Fair blow . 3"- 5".

FS: No blow .

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.10	114.67	Initial Hydro-static
1	28.67	114.06	Open To Flow (1)
33	33.58	115.70	Shut-In(1)
93	98.62	117.40	End Shut-In(1)
93	32.90	117.39	Open To Flow (2)
140	37.79	118.39	Shut-In(2)
232	101.65	119.65	End Shut-In(2)
232	2142.90	120.38	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	SLI OWCM 2%o, 1%w, 97%m	0.15
0.00	360' GIP	0.00

## 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

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 9.19 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 0.08 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: 5000 ppm

deg API

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SLI OWCM 2%o, 1%w, 97%m	0.148
0.00	360' GIP	0.000

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

