



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Indian Oil Co., Inc.  
PO Box 209  
Medicine Lodge Ks 67104  
ATTN: Aaron Young

**17 - 30 - 13W**  
**Reta #1**  
Job Ticket: 65936 **DST#: 4**  
Test Start: 2019.06.08 @ 06:06:05

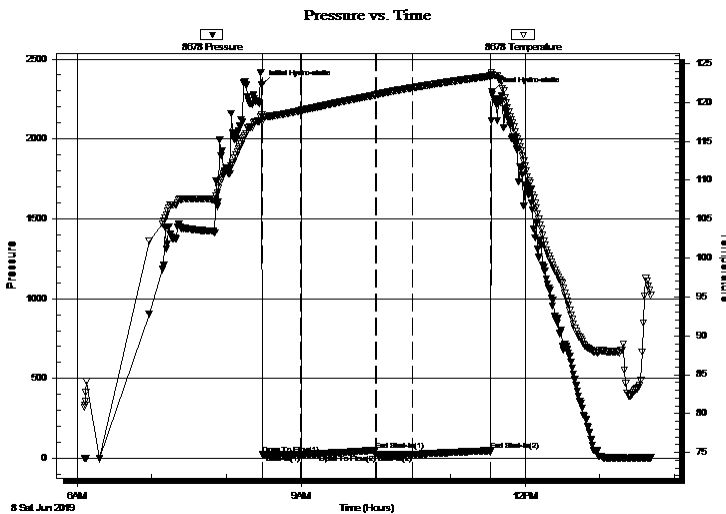
## GENERAL INFORMATION:

Formation: **Simpson Sand**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 08:28:45  
Time Test Ended: 13:41:00  
Interval: **4572.00 ft (KB) To 4606.00 ft (KB) (TVD)**  
Total Depth: 4606.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Royal Fisher  
Unit No: #77  
Reference Elevations: 1846.00 ft (KB)  
1834.00 ft (CF)  
KB to GR/CF: 12.00 ft

**Serial #: 8678 Outside**  
Press@RunDepth: 26.13 psig @ 4573.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2019.06.08 End Date: 2019.06.08 Last Calib.: 2019.06.08  
Start Time: 06:06:05 End Time: 13:40:59 Time On Btm: 2019.06.08 @ 08:28:30  
Time Off Btm: 2019.06.08 @ 11:33:29

**TEST COMMENT:** 30 - IFP - Surface blow stayed at a weak blow  
60 - ISI - No Return  
30 - FFP - No Surface blow  
60 - FSI - No Return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2340.38	118.37	Initial Hydro-static
1	26.16	117.58	Open To Flow (1)
32	24.82	118.95	Shut-In(1)
91	50.74	120.94	End Shut-In(1)
92	26.29	120.97	Open To Flow (2)
122	26.13	121.89	Shut-In(2)
184	47.92	123.38	End Shut-In(2)
185	2294.55	123.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud - 100%m	0.01

## Gas Rates

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



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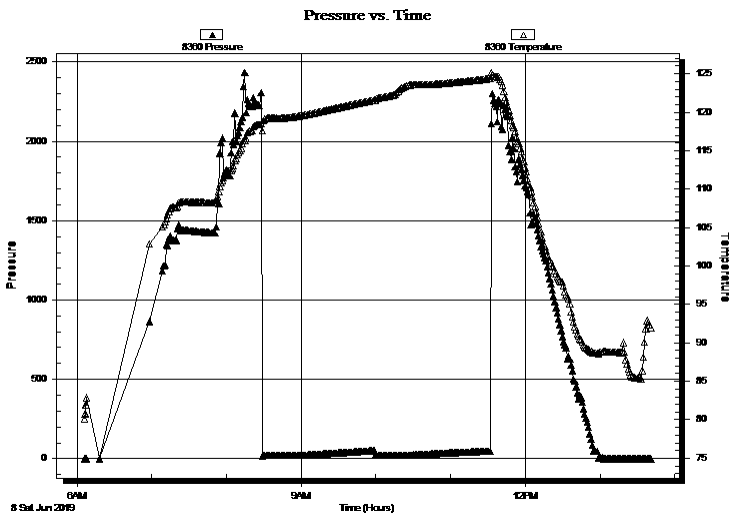
**17 - 30 - 13W**  
**Reta #1**  
Job Ticket: 65936 **DST#: 4**  
Test Start: 2019.06.08 @ 06:06:05

## GENERAL INFORMATION:

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Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)  
Time Tool Opened: 08:28:45 Tester: Royal Fisher  
Time Test Ended: 13:41:00 Unit No: #77  
**Interval: 4572.00 ft (KB) To 4606.00 ft (KB) (TVD)** Reference Elevations: 1846.00 ft (KB)  
Total Depth: 4606.00 ft (KB) (TVD) 1834.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 12.00 ft

**Serial #: 8360** Inside  
Press@RunDepth: psig @ 4573.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2019.06.08 End Date: 2019.06.08 Last Calib.: 2019.06.08  
Start Time: 06:06:05 End Time: 13:40:59 Time On Btm:  
Time Off Btm:

TEST COMMENT: 30 - IFP - Surface blow stayed at a weak blow  
60 - ISI - No Return  
30 - FFP - No Surface blow  
60 - FSI - No Return



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud - 100%m	0.01

## Gas Rates

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



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# DRILL STEM TEST REPORT

## FLUID SUMMARY

Indian Oil Co., Inc.  
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ATTN: Aaron Young

**17 - 30 - 13W**  
**Reta #1**  
Job Ticket: 65936      **DST#: 4**  
Test Start: 2019.06.08 @ 06:06:05

### Mud and Cushion Information

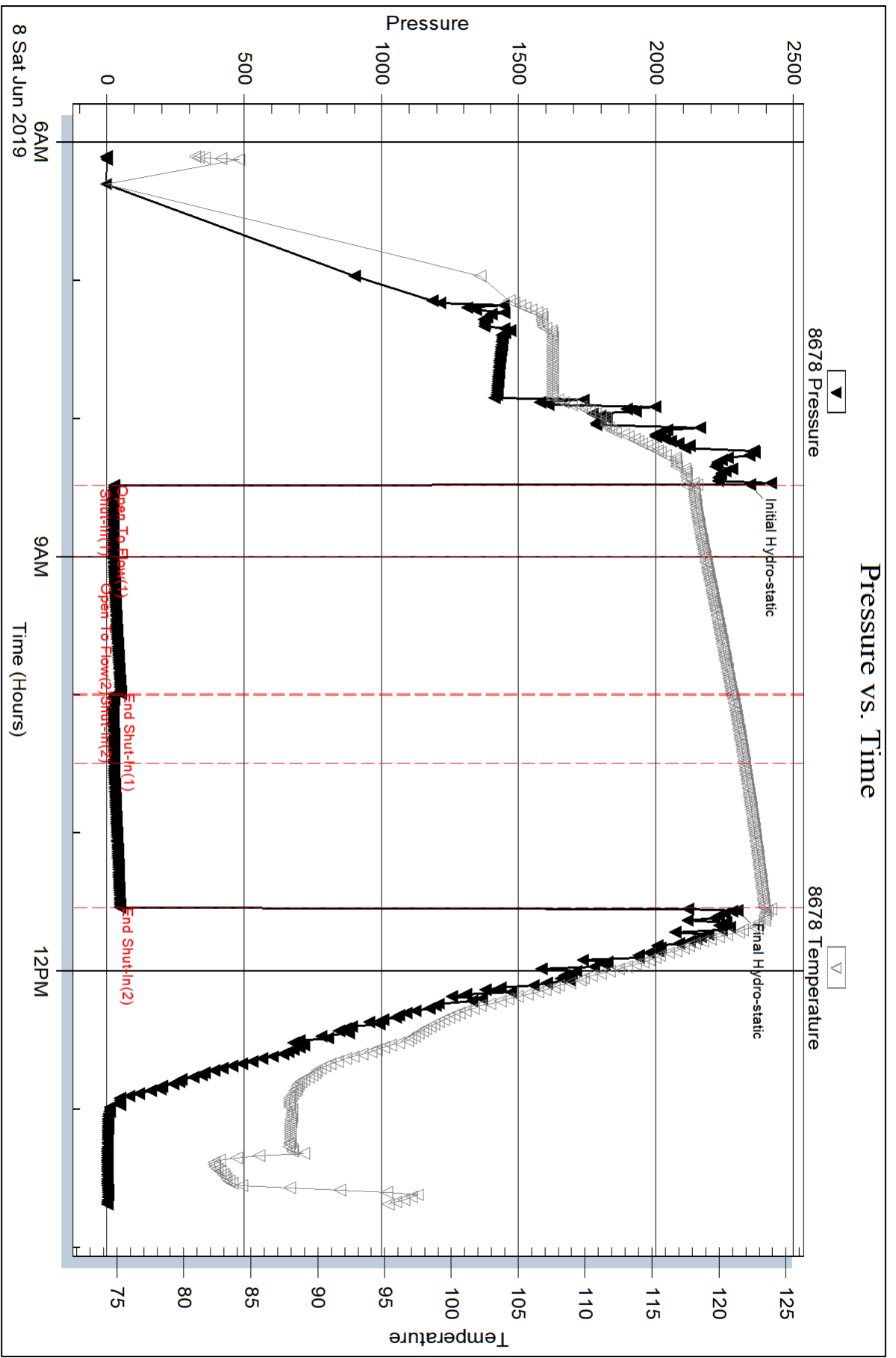
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mud - 100%m	0.015

Total Length: 3.00 ft      Total Volume: 0.015 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:



Serial #: 8360

Inside

Indian Oil Co., Inc.

Reta #1

DST Test Number: 4

