



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Indian Oil Co. Inc  
PO Box 209  
Medicine Lodge, Kansas  
67104+0209  
ATTN: Aaron Young

**5/30S/13W/Barber**

**Bell C #3**

Job Ticket: 65675

**DST#: 2**

Test Start: 2019.06.18 @ 12:34:00

## GENERAL INFORMATION:

Formation: **Kinderhook Chert**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:36:17

Time Test Ended: 20:12:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Pratt/ 38

**Interval: 4518.00 ft (KB) To 4543.00 ft (KB) (TVD)**

Reference Elevations: 1943.00 ft (KB)

Total Depth: 4543.00 ft (KB) (TVD)

1931.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8365**

**Inside**

Press@RunDepth: 21.17 psig @ 4519.00 ft (KB)

Capacity: psig

Start Date: 2019.06.18

End Date:

2019.06.18

Last Calib.:

2019.06.18

Start Time: 12:34:01

End Time:

20:12:02

Time On Btm:

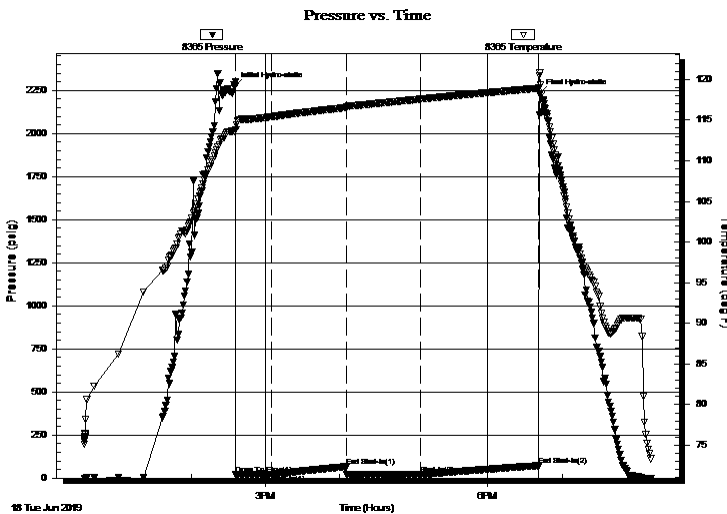
2019.06.18 @ 14:35:32

Time Off Btm:

2019.06.18 @ 18:42:02

**TEST COMMENT:** IF 30 Minutes/ Blow built to 3 inches  
ISI 60 Minutes/ No blow back  
FF 60 Minutes/ Blow built to 2 inches  
FSI 90 Minutes/ No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2271.53	113.60	Initial Hydro-static
1	23.70	113.85	Open To Flow (1)
30	23.01	115.41	Shut-In(1)
90	66.00	116.56	End Shut-In(1)
91	20.02	116.61	Open To Flow (2)
151	21.17	117.58	Shut-In(2)
246	72.20	118.94	End Shut-In(2)
247	2230.78	120.85	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w /light oil spot in tool/ M 100%	0.05

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Indian Oil Co. Inc  
 PO Box 209  
 Medicine Lodge, Kansas  
 67104+0209  
 ATTN: Aaron Young

**5/30S/13W/Barber**

**Bell C #3**

Job Ticket: 65675

**DST#: 2**

Test Start: 2019.06.18 @ 12:34:00

## GENERAL INFORMATION:

Formation: **Kinderhook Chert**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:36:17

Time Test Ended: 20:12:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Pratt/ 38

**Interval: 4518.00 ft (KB) To 4543.00 ft (KB) (TVD)**

Reference Elevations: 1943.00 ft (KB)

Total Depth: 4543.00 ft (KB) (TVD)

1931.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 6755 Outside**

Press@RunDepth: 72.59 psig @ 4520.00 ft (KB)

Capacity: psig

Start Date: 2019.06.18 End Date: 2019.06.18

Last Calib.: 2019.06.18

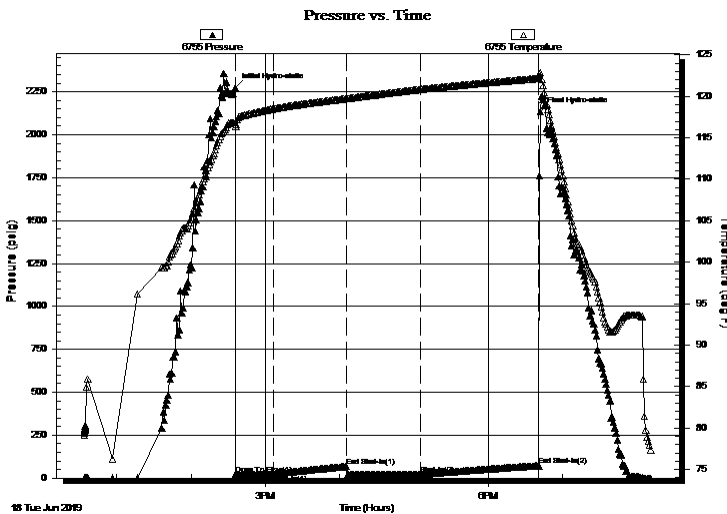
Start Time: 12:34:01 End Time: 20:12:02

Time On Btm: 2019.06.18 @ 14:35:32

Time Off Btm: 2019.06.18 @ 18:42:32

**TEST COMMENT:** IF 30 Minutes/ Blow built to 3 inches  
 ISI 60 Minutes/ No blow back  
 FF 60 Minutes/ Blow built to 2 inches  
 FSI 90 Minutes/ No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2272.05	116.81	Initial Hydro-static
1	23.03	116.40	Open To Flow (1)
31	21.91	118.50	Shut-In(1)
90	67.40	119.72	End Shut-In(1)
150	20.91	120.84	Shut-In(2)
246	72.59	122.20	End Shut-In(2)
247	2133.96	122.89	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w /light oil spot in tool/ M 100%	0.05

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Indian Oil Co. Inc  
PO Box 209  
Medicine Lodge, Kansas  
67104+0209  
ATTN: Aaron Young

**5/30S/13W/Barber**  
**Bell C #3**  
Job Ticket: 65675      **DST#: 2**  
Test Start: 2019.06.18 @ 12:34:00

### 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: bbl		
Water Loss: 9.19 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
10.00	Mud w /light oil spot in tool/ M 100%	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

### Pressure vs. Time

