

**TRILOBITE
TESTING, INC.**

RECEIVED
APR 08 2011
KCC WICHITA

DRILL STEM TEST REPORT

Prepared For: **Indian Oil Co., Inc.**
PO Box 209
Medicine Lodge, KS 67104

ATTN: Scott Alberg

6-35S-11W Barber KS

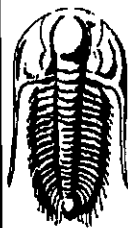
Boondocker #1

Start Date: 2011.01.30 @ 20:39:38
End Date: 2011.01.31 @ 06:55:38
Job Ticket #: 041581 DST #: 1

API #: 15-007-23640-0000

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Indian Oil Co., Inc.
Boondocker #1
6-35S-11W Barber KS
DST # 1
Miserer
2011.01.30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Indian Oil Co., Inc.
PO Box 209
Medicine Lodge, KS 67104
ATTN: Scott Alberg

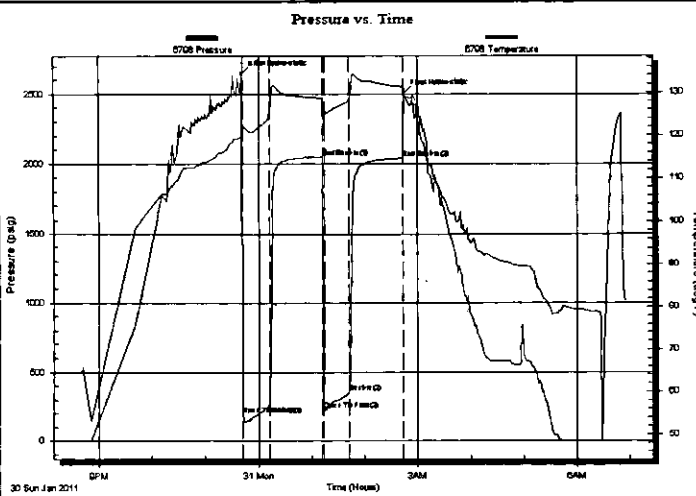
Boondocker #1
6-35S-11W Barber KS
Job Ticket: 041581 **DST#: 1**
Test Start: 2011.01.30 @ 20:39:38

GENERAL INFORMATION:

Formation: **Misener**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 23:41:53
Time Test Ended: 06:55:38
Interval: **5090.00 ft (KB) To 5122.00 ft (KB) (TVD)**
Total Depth: **5122.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Leal Cason**
Unit No: **45**
Reference Elevations: **1379.00 ft (KB)**
1369.00 ft (CF)
KB to GR/CF: **10.00 ft**

Serial #: 6798 **Inside**
Press@RunDepth: **353.80 psig @ 5091.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.01.30** End Date: **2011.01.31** Last Calib.: **2011.01.31**
Start Time: **20:39:39** End Time: **06:55:38** Time On Btm: **2011.01.30 @ 23:40:53**
Time Off Btm: **2011.01.31 @ 02:44:53**

TEST COMMENT: IF: Strong Blow, BOB in 30 seconds, GTS in 11 minutes, Gauged Gas & Caught Sample
IS: Would Not Bleed Off
FF: Strong Blow, BOB & GTS Immediate, Gauged Gas
FS: Would not Bleed Off



PRESSURE SUMMARY

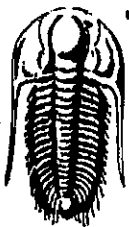
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2643.99	119.49	Initial Hydro-static
1	194.77	119.70	Open To Flow (1)
31	253.50	124.00	Shut-In(1)
92	2049.72	128.67	End Shut-In(1)
94	227.71	123.30	Open To Flow (2)
122	353.80	127.95	Shut-In(2)
183	2038.13	131.39	End Shut-In(2)
184	2508.93	130.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1116.00	GSY Oil 10%G 90%O	15.65
62.00	GSY OCM 20%G 10%O 70%M	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	44.00	92.81
Last Gas Rate	0.50	9.00	158.52
Max. Gas Rate	0.25	57.00	113.43



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Indian Oil Co., Inc.
PO Box 209
Medicine Lodge, KS 67104
ATTN: Scott Alberg

Boondocker #1
6-35S-11W Barber KS
Job Ticket: 041581 **DST#: 1**
Test Start: 2011.01.30 @ 20:39:38

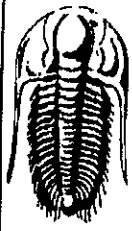
Tool Information

Drill Pipe:	Length: 5072.00 ft	Diameter: 3.80 inches	Volume: 71.15 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 71.15 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	5090.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5067.00	
Hydraulic tool	5.00			5072.00	
Jars	5.00			5077.00	
Safety Joint	3.00			5080.00	
Packer	5.00			5085.00	28.00 Bottom Of Top Packer
Packer	5.00			5090.00	
Stubb	1.00			5091.00	
Recorder	0.00	6798	Inside	5091.00	
Recorder	0.00	8367	Outside	5091.00	
Perforations	28.00			5119.00	
Bullnose	3.00			5122.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Indian Oil Co., Inc.
PO Box 209
Medicine Lodge, KS 67104
ATTN: Scott Alberg

Boondocker #1
6-35S-11W Barber KS
Job Ticket: 041581 **DST#: 1**
Test Start: 2011.01.30 @ 20:39:38

Mud and Cushion Information

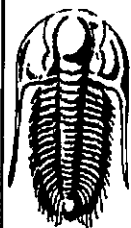
Mud Type: Gel Chem	Cushion Type:	Oil API: 39.8 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 0.20 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1116.00	GSY Oil 10%G 90%O	15.655
62.00	GSY OCM 20%G 10%O 70%M	0.870

Total Length: 1178.00 ft Total Volume: 16.525 bbl
 Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Indian Oil Co., Inc.

Boondocker #1

PO Box 209
Medicine Lodge, KS 67104

6-35S-11W Barber KS

Job Ticket: 041581

DST#: 1

ATTN: Scott Alberg

Test Start: 2011.01.30 @ 20:39:38

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.25	44.00	92.81
1	20	0.25	44.00	92.81
1	30	0.25	57.00	113.43
2	10	0.25	22.00	57.90
2	20	0.50	9.00	158.52

