



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Indian Oil Co.

2507 SE Hwy.160
P.O.Box 209
Medicine Lodge Ks.67104
ATTN: Scott Alberg

Boondocker#2

6-35s-11w Barber Ks.

Job Ticket: 37470

DST#: 1

Test Start: 2011.05.28 @ 13:36:16

GENERAL INFORMATION:

Formation: **Misener**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 17:37:31

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

Interval: 5062.00 ft (KB) To 5095.00 ft (KB) (TVD)

Reference Elevations: 1358.00 ft (KB)

Total Depth: 5095.00 ft (KB) (TVD)

1348.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8167 Inside

Press@RunDepth: psig @ 5063.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.28

End Date:

2011.05.28

Last Calib.:

2011.05.29

Start Time: 13:36:21

End Time:

17:37:31

Time On Btm:

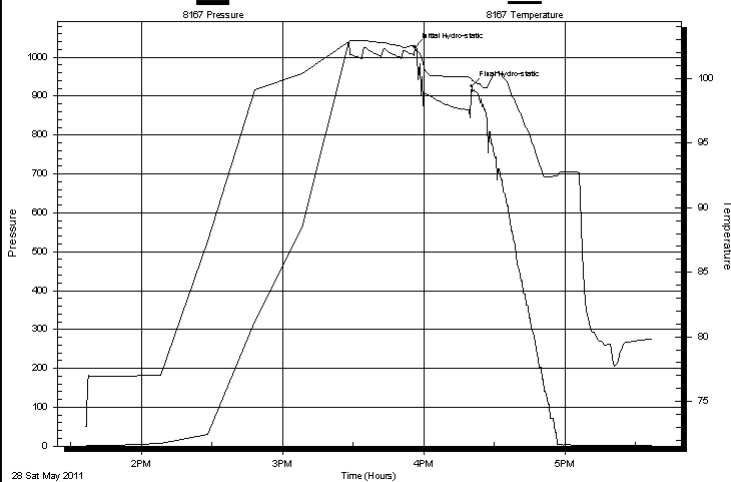
2011.05.28 @ 15:56:16

Time Off Btm:

2011.05.28 @ 16:20:31

TEST COMMENT: Shut down rig approx. 2800 ft. of pipe in hole due to vibration Driller was feeling from drawdown drum. After waiting 90 mins. on orders Contractor made decision to abort test & repair drawdown. Pulled

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1026.24	102.58	Initial Hydro-static
25	926.95	99.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00		0.00

Gas Rates

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

Indian Oil Co.
2507 SE Hwy.160
P.O.Box 209
Medicine Lodge Ks.67104
ATTN: Scott Alberg

Boondocker#2
6-35s-11w Barber Ks.
Job Ticket: 37470 **DST#: 1**
Test Start: 2011.05.28 @ 13:36:16

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 9.59 in³
Resistivity: 0.00 ohm.m
Salinity: 7000.00 ppm
Filter Cake: 0.20 inches

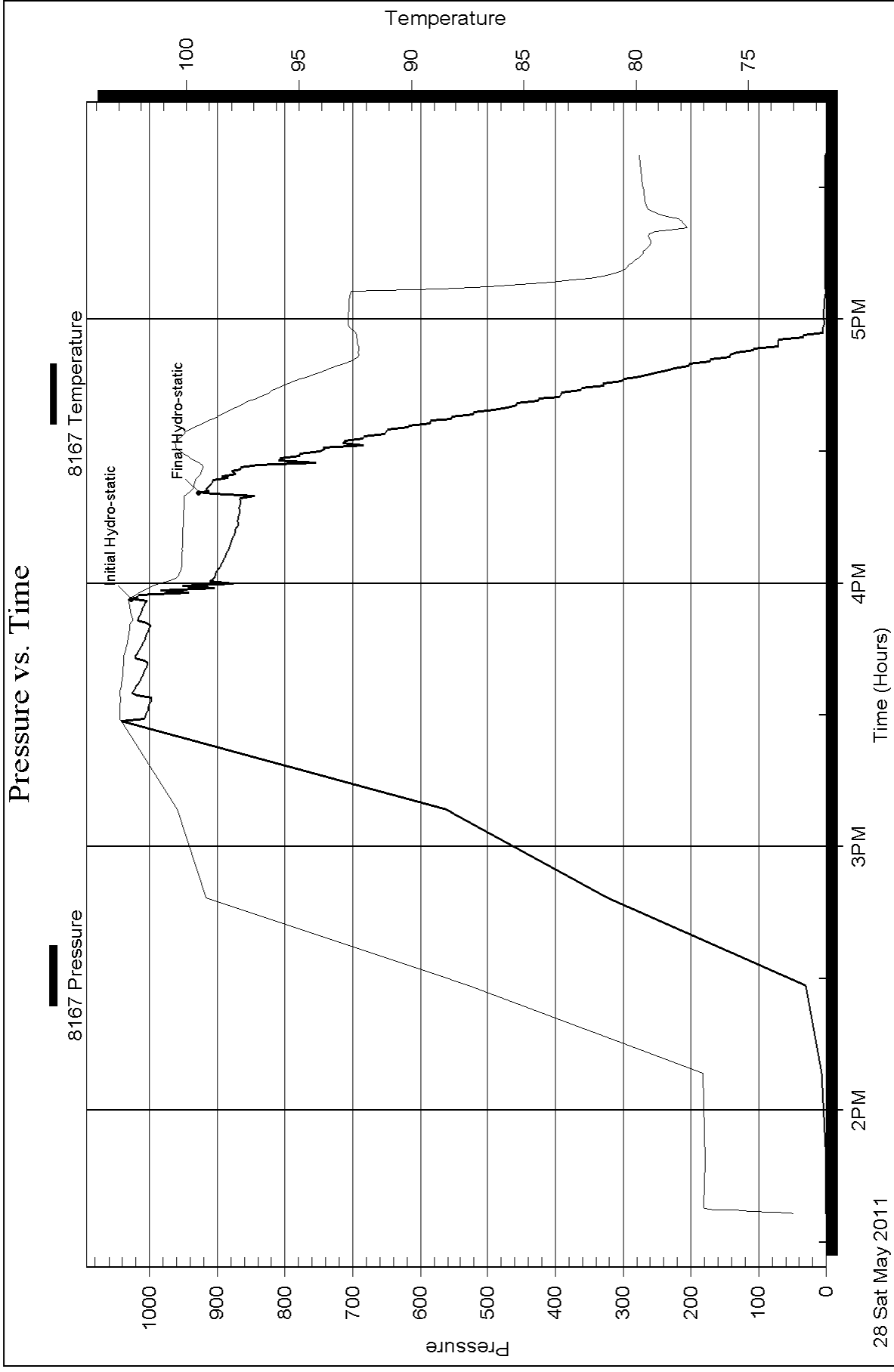
Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: deg API
Water Salinity: 7000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00		0.000

Total Length: ft Total Volume: bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
Laboratory Name: Laboratory Location:
Recovery Comments:





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Indian Oil Co.
2507 SE Hwy.160
P.O.Box 209
Medicine Lodge Ks.67104
ATTN: Scott Alberg

Boondocker#2

6-35s-11w Barber Ks.

Job Ticket: 37471

DST#: 2

Test Start: 2011.05.28 @ 23:21:31

GENERAL INFORMATION:

Formation: **Misener**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:04:31

Time Test Ended: 07:43:46

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

Interval: 5062.00 ft (KB) To 5095.00 ft (KB) (TVD)

Reference Elevations: 1358.00 ft (KB)

Total Depth: 5095.00 ft (KB) (TVD)

1348.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8167 Inside

Press@RunDepth: 16.20 psig @ 5063.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.28

End Date:

2011.05.29

Last Calib.: 2011.05.29

Start Time: 23:21:36

End Time:

07:43:45

Time On Btm: 2011.05.29 @ 02:02:01

Time Off Btm: 2011.05.29 @ 05:04:31

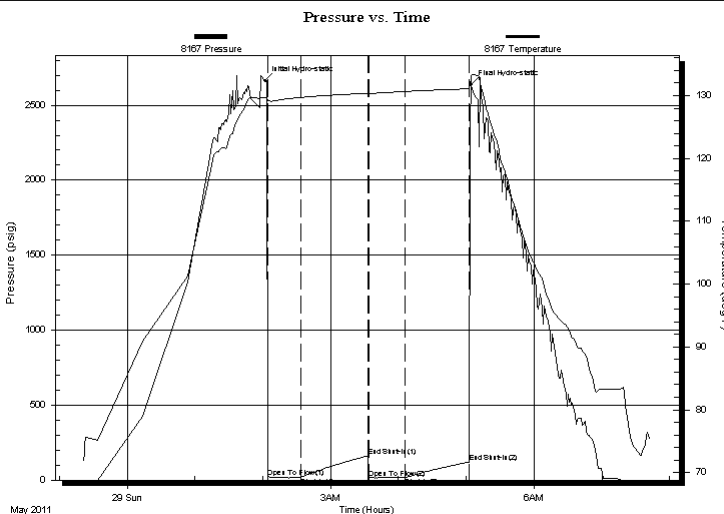
TEST COMMENT: IF:Weak blow . Slow increase to 4 1/2".

IS:No blow .

FF:Weak to fair blow . 3 - 6".

FS:No blow .

PRESSURE SUMMARY



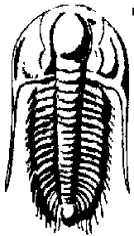
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2662.51	129.73	Initial Hydro-static
3	19.72	129.19	Open To Flow (1)
32	18.47	129.70	Shut-In(1)
91	160.91	130.38	End Shut-In(1)
92	13.81	130.33	Open To Flow (2)
124	16.20	130.65	Shut-In(2)
181	120.73	131.09	End Shut-In(2)
183	2637.22	133.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/o specs	0.07
0.00	120 ft.of GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Indian Oil Co.

Boondocker#2

2507 SE Hwy.160
P.O.Box 209
Medicine Lodge Ks.67104
ATTN: Scott Alberg

6-35s-11w Barber Ks.

Job Ticket: 37471

DST#: 2

Test Start: 2011.05.28 @ 23:21:31

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 9.59 in³

Resistivity: 0.00 ohm.m

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity: 7000 ppm

deg API

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w/o specs	0.070
0.00	120 ft.of GIP	0.000

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

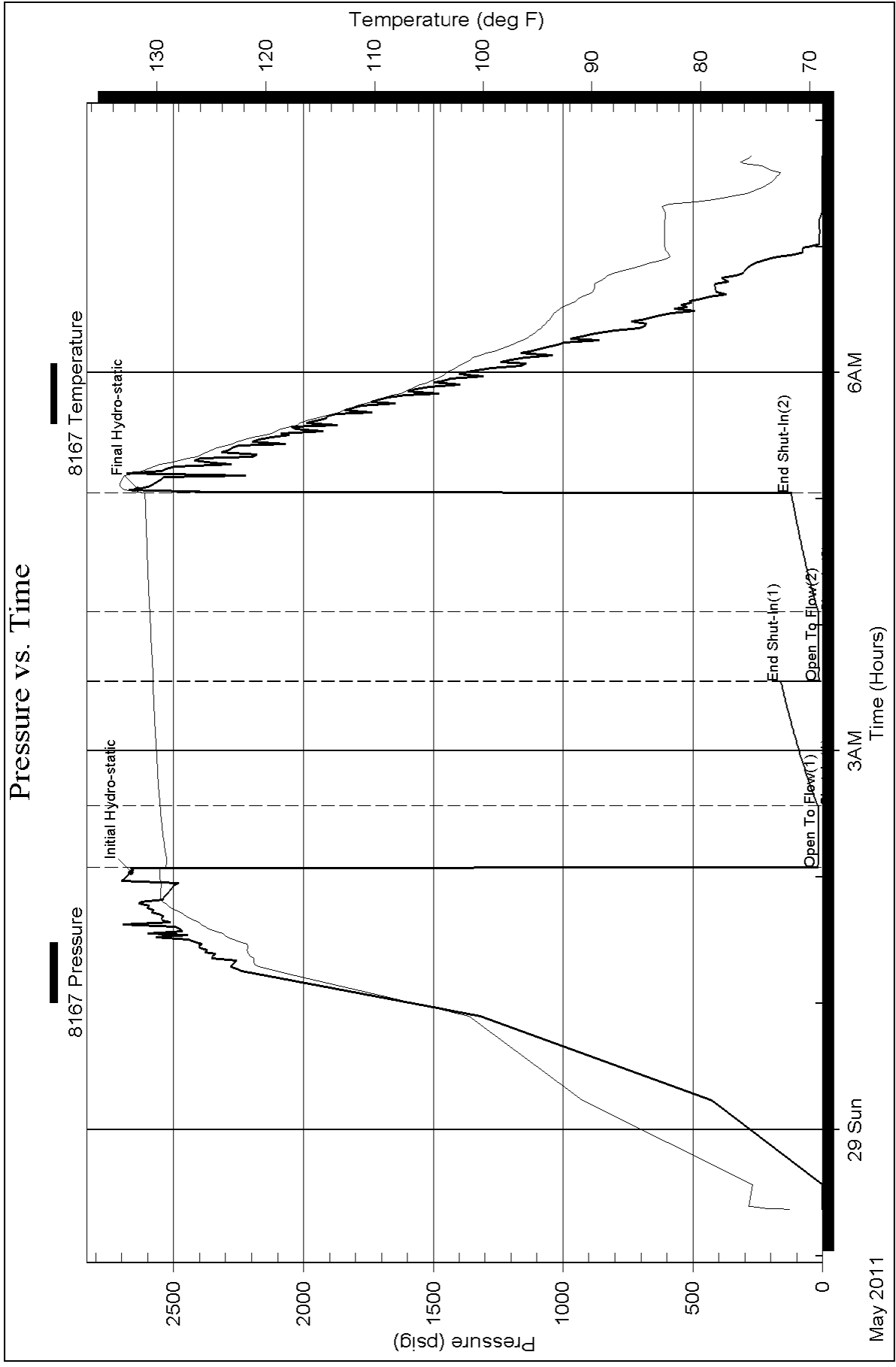
Num Gas Bombs: 0

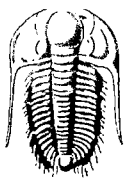
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 15824

10/08

Well Name & No. BOONDOCKEIZ #2 Test No. 1 Date 5-28-11
 Company INDIAN OIL CO Elevation 1358 KB 1348 GL
 Address 2501 S. Hwy. 160, P.O. Box 209, MEDICINE LODGE, KS. 67104
 Co. Rep / Geo. SCOTT ALBERG Rig NAL ENERGY #2
 Location: Sec. 10 Twp. 35S Rge. 11W Co. BARBER State KS

Interval Tested 5062 - 5095 Zone Tested MISERER
 Anchor Length 33' Drill Pipe Run 5065' Mud Wt. 9.5
 Top Packer Depth 5057' Drill Collars Run 0 Vis 52
 Bottom Packer Depth 5062' Wt. Pipe Run 0 WL 9.600
 Total Depth 5095' Chlorides 7,000 ppm System LCM 7.1

Blow Description COMMENT: SHORT DOWD RIG APPROX. 2800' OF PIPE IN HOLE
DUE TO VIBRATION DRILLER WAS FEELING FROM DRUMS DRUM.
AFTER WAITING 90 MINS. ON ORDERS CONTRACTOR MADE DECISION
TO ABORT TEST & REPAIR DRUMS. PULLED TOOL. "MISRUN".

Rec	Feet of	%gas	%oil	%water	%mud
0					

Rec Total N/A BHT N/A Gravity N/A API RW N-1 @ — °F Chlorides N/A ppm

(A) Initial Hydrostatic 1026
 (B) First Initial Flow
 (C) First Final Flow
 (D) Initial Shut-In
 (E) Second Initial Flow
 (F) Second Final Flow
 (G) Final Shut-In
 (H) Final Hydrostatic 927

☒ Test MISRUN 1125
☒ Jars 250
☒ Safety Joint 75
☐ Circ Sub
☐ Hourly Standby
☒ Mileage (112) 15.80
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1606.80

T-On Location 1240
 T-Started 1336
 T-Open N/A
 T-Pulled 1620
 T-Out 1737
 Comments

Initial Open
 Initial Shut-In
 Final Flow
 Final Shut-In

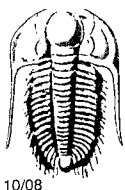
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 1606.80

Approved By

Our Representative

Cory P. [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 00001

Well Name & No. BOONDOCKEIR #2 Test No. 2 Date 5-28-11
 Company Indian Oil Co. Elevation 1358 KB 1348 GL
 Address 2507 SE Hwy. 160, P.O. Box 209, Medicine Lodge KS. 67541
 Co. Rep / Geo. SCOTT ALBERG Rig VAL ENERGY
 Location: Sec. 6 Twp. 35S Rge. 11W Co. BARBER State Ks.

Interval Tested 5065 - 5095' Zone Tested Mudstone
 Anchor Length 33' Drill Pipe Run 5065 Mud Wt. 9.5
 Top Packer Depth 5057' Drill Collars Run 0 Vis 52
 Bottom Packer Depth 5062' Wt. Pipe Run 0 WL 9.600
 Total Depth 5095' Chlorides 2,000 ppm System LCM 75
 Blow Description IF: Weak blow down increase to 4 1/2" FSI: No blow

FF: Weak to fair blow 3-6" FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>Gas in pipe</u>				
<u>S</u>	<u>Mud w/o spec.</u>				

Rec Total 5' Fixed BHT 131° Gravity N/A API RW N.C. @ — °F Chlorides 2,000 ppm

(A) Initial Hydrostatic	<u>2663</u>	☒ Test	<u>1325'</u>	T-On Location	<u>2310</u>
(B) First Initial Flow	<u>20</u>	☒ Jars	<u>250'</u>	T-Started	<u>23:21</u>
(C) First Final Flow	<u>18</u>	☒ Safety Joint	<u>75'</u>	T-Open	<u>0204</u>
(D) Initial Shut-In	<u>161</u>	☐ Circ Sub		T-Pulled	<u>0503</u>
(E) Second Initial Flow	<u>14</u>	☐ Hourly Standby		T-Out	<u>0743</u>
(F) Second Final Flow	<u>16</u>	☒ Mileage	<u>(112) 156.80</u>	Comments	
(G) Final Shut-In	<u>121</u> 1212	☐ Sampler			
(H) Final Hydrostatic	<u>2637</u>	☐ Straddle			

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1800.80

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1800.80

Approved By [Signature]

Our Representative [Signature]

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