



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

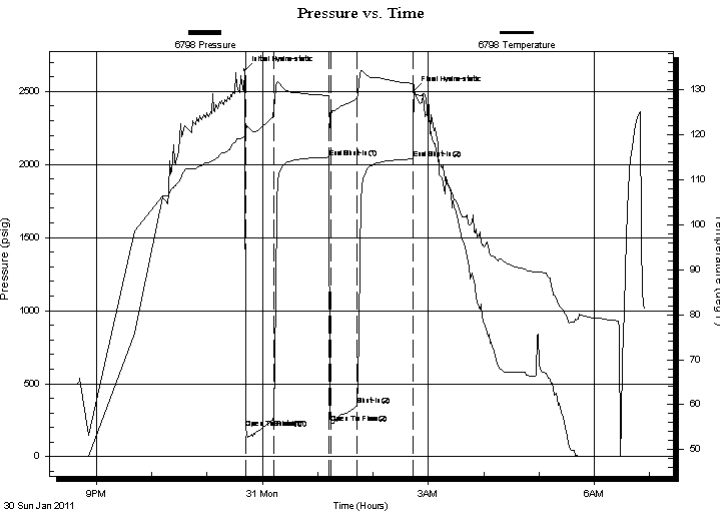
Boondocker #1
6-35S-11W Barber
Job Ticket: 041581 **DST#: 1**
Test Start: 2011.01.30 @ 20:39:38

GENERAL INFORMATION:

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

Serial #: 6798 Inside
Press @ Run Depth: 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)
62.00	GSY OCM 20%G 10%O 70%M	0.87
1116.00	GSY Oil 10%G 90%O	15.65

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	44.00	92.81
Last Gas Rate	0.50	3.00	118.05
Max. Gas Rate	0.25	57.00	113.43



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FLUID SUMMARY

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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: 8.79 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
62.00	GSY OCM 20%G 10%O 70%M	0.870
1116.00	GSY Oil 10%G 90%O	15.655

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:



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GAS RATES

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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	30	0.25	57.00	113.43
2	10	0.25	22.00	57.90
2	20	0.50	9.00	158.52
2	30	0.50	3.00	118.05

