



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates

Sandra Leas #1-25

1515 Wynkoop st
suite 700
Denver Co 80202
ATTN: Neil D sharp

25-15s-16w-Ellis

Job Ticket: 43825

DST#: 1

Test Start: 2011.06.25 @ 17:36:13

GENERAL INFORMATION:

Formation: **Lansing-H&J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:36:43

Time Test Ended: 01:10:13

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3214.00 ft (KB) To 3270.00 ft (KB) (TVD)

Reference Elevations: 1810.00 ft (KB)

Total Depth: 3270.00 ft (KB) (TVD)

1800.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8321

Inside

Press @ Run Depth: 43.60 psig @ 3252.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.25

End Date:

2011.06.26

Last Calib.:

2011.06.26

Start Time:

17:36:14

End Time:

01:09:13

Time On Btm:

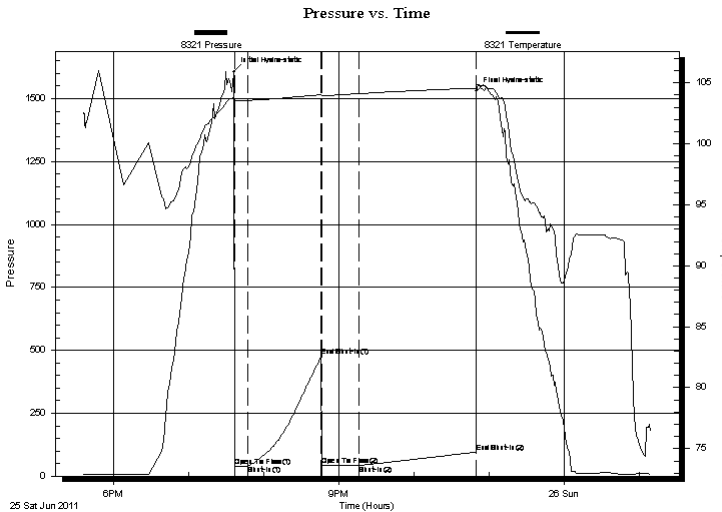
2011.06.25 @ 19:36:13

Time Off Btm:

2011.06.25 @ 22:49:43

TEST COMMENT: IFP-10 min-Weak surface blow
ISI-60 min Dead no blow back
FFP-30 min-Dead no blow
FSI-90 min-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1606.15	103.80	Initial Hydro-static
1	38.12	103.51	Open To Flow (1)
11	41.03	103.56	Shut-In(1)
70	476.12	104.03	End Shut-In(1)
70	41.53	103.93	Open To Flow (2)
100	43.60	104.12	Shut-In(2)
193	95.77	104.57	End Shut-In(2)
194	1529.19	104.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	OCM 10%O90%M	0.11

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	OCM 10%O90%M	0.112

Total Length: 8.00 ft Total Volume: 0.112 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

