



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

SAMUEL GARY & ASSOC. INC.

SEC. 24 - 12 S. - 23 W. TREGO CO.

1515 WYNKOOP SUITE 700
DENVER COLORADO
80202
ATTN: DANIEL PRITCHARD

SCHNEIDER #1-24

Job Ticket: 5867

DST#: 2

Test Start: 2013.12.08 @ 18:30:00

GENERAL INFORMATION:

Formation: **G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:05:30
 Time Test Ended: 05:01:30
 Interval: **3758.00 ft (KB) To 3808.00 ft (KB) (TVD)**
 Total Depth: 3808.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: BOB HAMEL
 Unit No: 66
 Reference Elevations: 2416.00 ft (KB)
 2408.00 ft (CF)
 KB to GR/CF: 8.00 ft

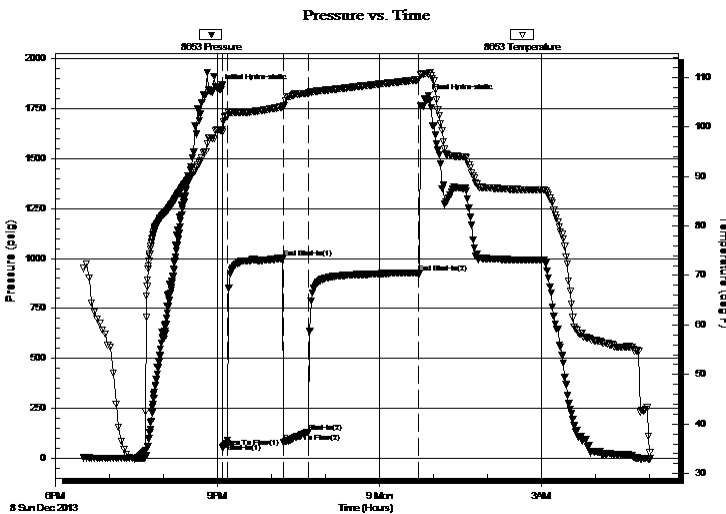
Serial #: 8653

Outside

Press @ Run Depth: 131.14 psig @ 3795.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.08 End Date: 2013.12.09 Last Calib.: 2013.12.09
 Start Time: 18:31:00 End Time: 05:01:30 Time On Btm: 2013.12.08 @ 21:01:00
 Time Off Btm: 2013.12.09 @ 00:51:30

TEST COMMENT: I.F. - 5 - 1/2 INT. BLOW BUILT TO (7" IN 5 MIN.)
 I.S.I. - 60 - W.S. B.B. NO BUILD
 F.F. - 30 - 1/2 INT. BLOW BUILT TO (B.O.B. IN 20 MIN.)
 F.S.I. - 120 - W.S.B.B. NO BUILD

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1849.83	99.42	Initial Hydro-static
5	55.00	98.93	Open To Flow (1)
10	71.78	102.13	Shut-In(1)
72	1000.49	104.09	End Shut-In(1)
73	76.97	104.10	Open To Flow (2)
101	131.14	106.86	Shut-In(2)
223	927.43	109.52	End Shut-In(2)
231	1801.70	110.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
234.00	S,O,S,W,C,M, 5% OIL 25% WATER 70%3.28 D	

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

SAMUEL GARY & ASSOC. INC.

SEC. 24 - 12 S. - 23 W. TREGO CO.

1515 WYNKOOP SUITE 700
DENVER COLORADO
80202

SCHNEIDER #1-24

Job Ticket: 5867

DST#: 2

ATTN: DANIEL PRITCHARD

Test Start: 2013.12.08 @ 18:30:00

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: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
234.00	S,O,S,W,C,M, 5% OIL 25% WATER 70% ML	3.282

Total Length: 234.00 ft Total Volume: 3.282 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: SAMPLER RECOVERY = 1,500 M.L. TOTAL FLUID

OIL = 300 M.L.

WATER = 500 M.L.

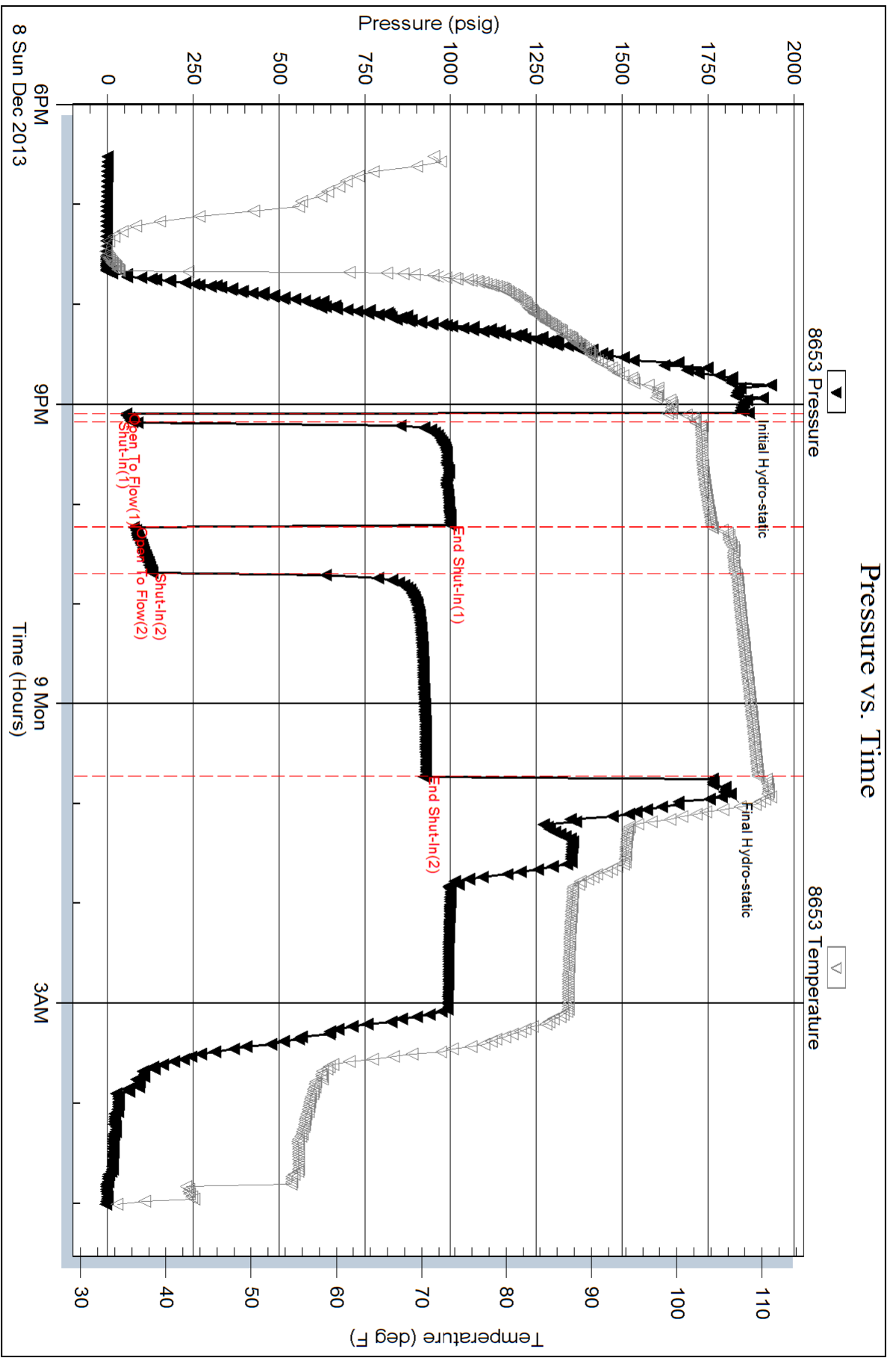
MUD = 700 M.L.

Serial #: 8653

Outside SAMUEL GARY & ASSOC. INC.

SCHNEDER #1-24

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 5867

Printed: 2013.12.09 @ 08:22:03

Serial #: 8874

Fluid

SAMUEL GARY & ASSOC. INC.

SCHNEDER #1-24

DST Test Number: 2

