



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary, JR and Associates

33-15s-15w

1515 Wynkoop st
Suite 700 Denver Co 80202

Dumler Trust 1-33

ATTN: Clayton Camozzi

Job Ticket: 46316

DST#: 2

Test Start: 2012.04.22 @ 07:29:00

GENERAL INFORMATION:

Formation: **KC "I,J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:33:30
 Time Test Ended: 14:28:00
 Interval: **3330.00 ft (KB) To 3370.00 ft (KB) (TVD)**
 Total Depth: 3370.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Cody Bloedorn
 Unit No: 44
 Reference Elevations: 1929.00 ft (KB)
 1919.00 ft (CF)
 KB to GR/CF: 10.00 ft

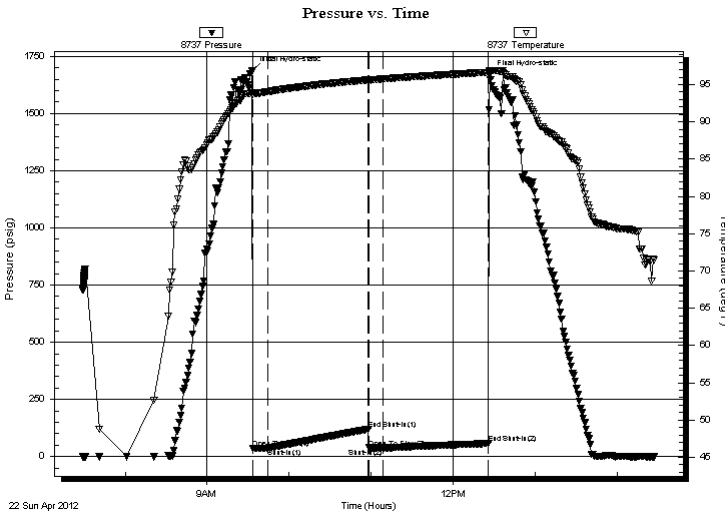
Serial #: 8737

Outside

Press @ Run Depth: 38.24 psig @ 3367.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.04.22 End Date: 2012.04.22 Last Calib.: 2012.04.22
 Start Time: 07:29:01 End Time: 14:28:00 Time On Btm: 2012.04.22 @ 09:33:00
 Time Off Btm: 2012.04.22 @ 12:27:00

TEST COMMENT: 10 - IFP- 1/4" blow
 75 - IS- No blow back
 10 - FF- No blow back
 75 - FS- No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1687.43	93.93	Initial Hydro-static
1	35.51	93.69	Open To Flow (1)
12	37.26	94.04	Shut-In(1)
85	120.28	95.62	End Shut-In(1)
86	38.76	95.58	Open To Flow (2)
96	38.24	95.75	Shut-In(2)
173	57.70	96.63	End Shut-In(2)
174	1670.81	96.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud, 100%M	0.07

* Recovery from multiple tests

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: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud, 100%M	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

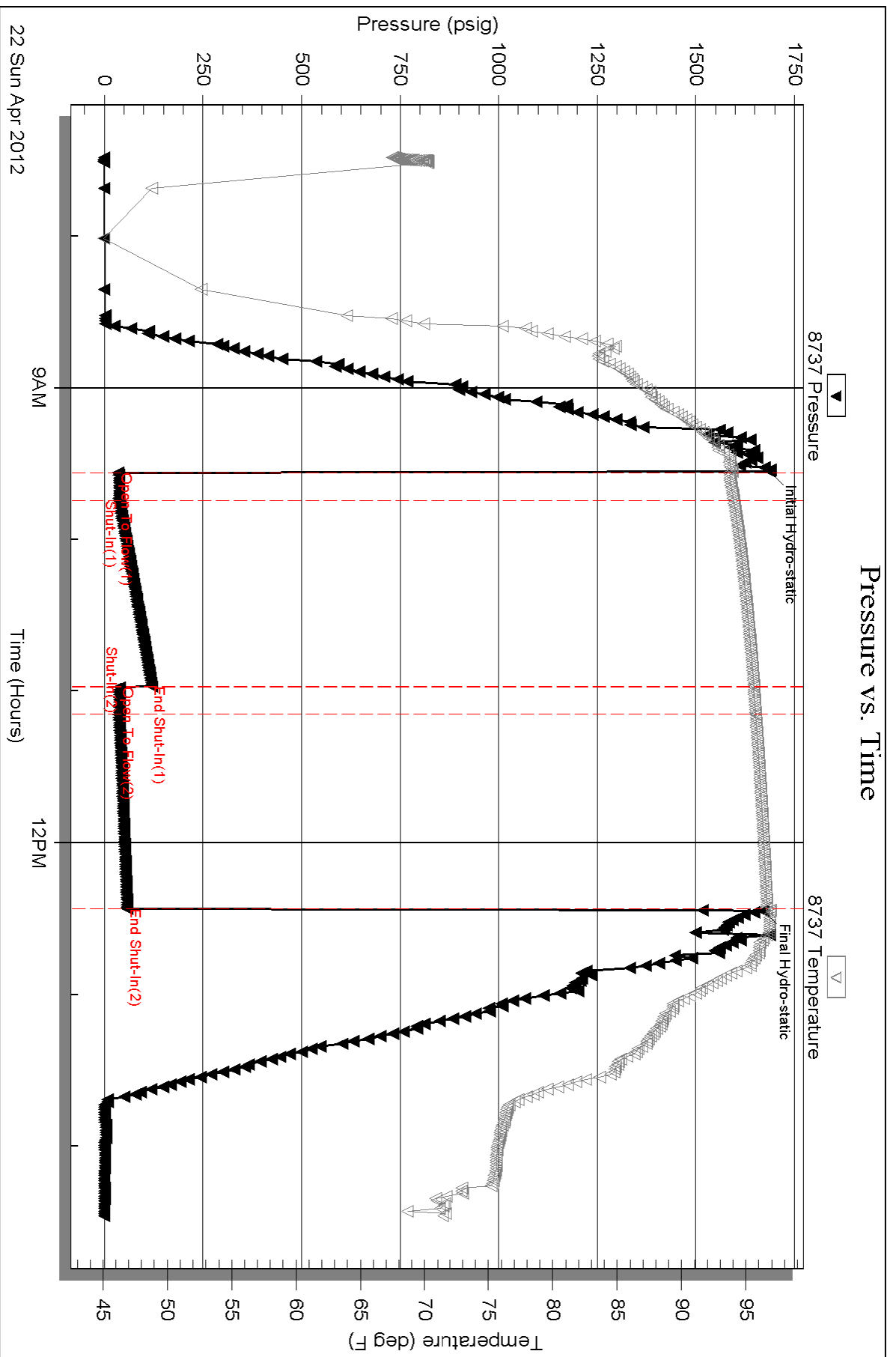
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8679

Fluid

Samuel Gary, JR and Associates

Dunler Trust 1-33

DST Test Number: 2

