



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.

32 10s 34w Thomas, Ks

88 Inverness Cir. E, Unit F104
Englewood, Co 80112

T Schertz 1-32

Job Ticket: 44494

DST#: 2

ATTN: Bob Elder

Test Start: 2011.10.19 @ 05:20:00

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:39:45

Time Test Ended: 13:20:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 40

Interval: 4415.00 ft (KB) To 4450.00 ft (KB) (TVD)

Reference Elevations: 3283.00 ft (KB)

Total Depth: 4417.00 ft (KB) (TVD)

3278.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8652

Inside

Press @ Run Depth: 237.18 psig @ 4416.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.19

End Date:

2011.10.19

Last Calib.:

2011.10.19

Start Time: 05:20:05

End Time:

13:20:14

Time On Btm:

2011.10.19 @ 07:39:30

Time Off Btm:

2011.10.19 @ 11:03:15

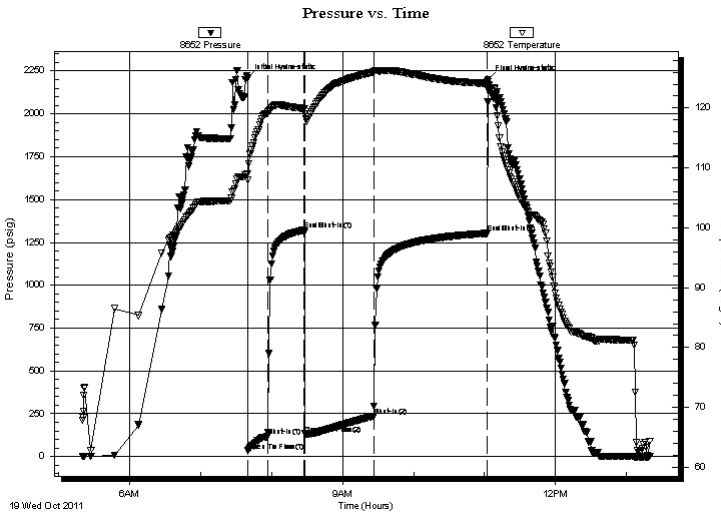
TEST COMMENT: IF: BOB @ 10 min.

IS: 1" blow.

FF: BOB @ 7 minutes.

FS: 2 1/2" blow, died @ 60 minutes.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.20	109.03	Initial Hydro-static
1	33.79	107.93	Open To Flow (1)
17	117.64	119.35	Shut-In(1)
48	1322.08	119.90	End Shut-In(1)
49	133.34	118.99	Open To Flow (2)
107	237.18	126.03	Shut-In(2)
203	1303.36	124.08	End Shut-In(2)
204	2201.00	123.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	ocm 10o 90m	1.30
340.00	gmco 30g 5m 65o	4.77
0.00	650' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 44494

DST#: 2

ATTN: Bob Elder

Test Start: 2011.10.19 @ 05:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
250.00	ocm 10o 90m	1.302
340.00	gmco 30g 5m 65o	4.769
0.00	650' GIP	0.000

Total Length: 590.00 ft Total Volume: 6.071 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Bottom hole temp 124

Serial #: 8652

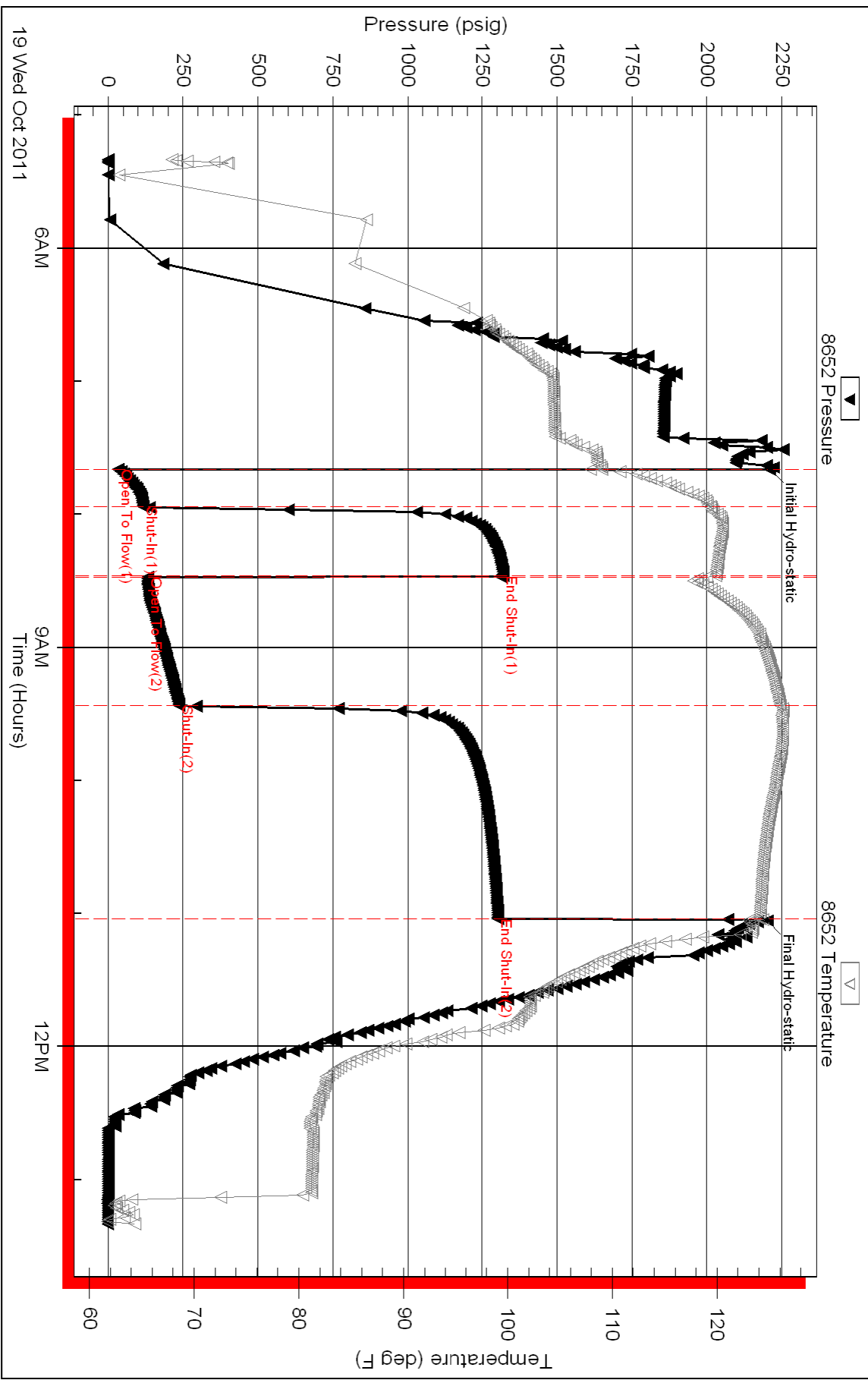
Inside

Norstar Petroleum, Inc.

T Schertz 1-32

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44494

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