



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co Inc

34-12s-21w Trego

P O Box 1019
Hays Ks 67601

Seitz-BarnhardtC1-34

ATTN: Ron Nelson

Job Ticket: 44766

DST#: 3

Test Start: 2011.11.02 @ 16:15:34

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:05:29

Time Test Ended: 22:59:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 3790.00 ft (KB) To 3862.00 ft (KB) (TVD)

Reference Elevations: 2198.00 ft (KB)

Total Depth: 3862.00 ft (KB) (TVD)

2190.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press @ Run Depth: 479.28 psig @ 3796.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.11.02

End Date:

2011.11.02

Last Calib.: 2011.11.02

Start Time: 16:15:34

End Time:

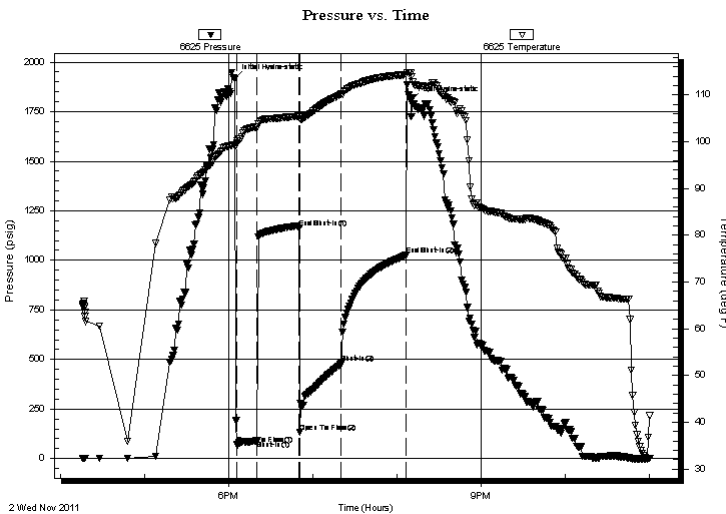
22:59:58

Time On Btm: 2011.11.02 @ 18:03:59

Time Off Btm: 2011.11.02 @ 20:09:29

TEST COMMENT: 15-IFP-strg bl in 2 min
30-ISIP-1/8"bl bk
30-FFP-strg bl in 1 min
45-FSIP-1"bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.50	99.34	Initial Hydro-static
2	73.18	99.82	Open To Flow (1)
16	91.83	103.09	Shut-In(1)
46	1163.71	105.47	End Shut-In(1)
47	132.74	104.96	Open To Flow (2)
76	479.28	110.17	Shut-In(2)
122	1025.64	114.30	End Shut-In(2)
126	1804.09	114.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	MGO 10%G5%M85%O	1.55
1055.00	CO	14.80
0.00	120' 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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P O Box 1019
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Seitz-BarnhardtC1-34

Job Ticket: 44766

DST#: 3

ATTN: Ron Nelson

Test Start: 2011.11.02 @ 16:15:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	MGO 10%G5%M85%O	1.550
1055.00	CO	14.799
0.00	120' GIP	0.000

Total Length: 1185.00 ft Total Volume: 16.349 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6625

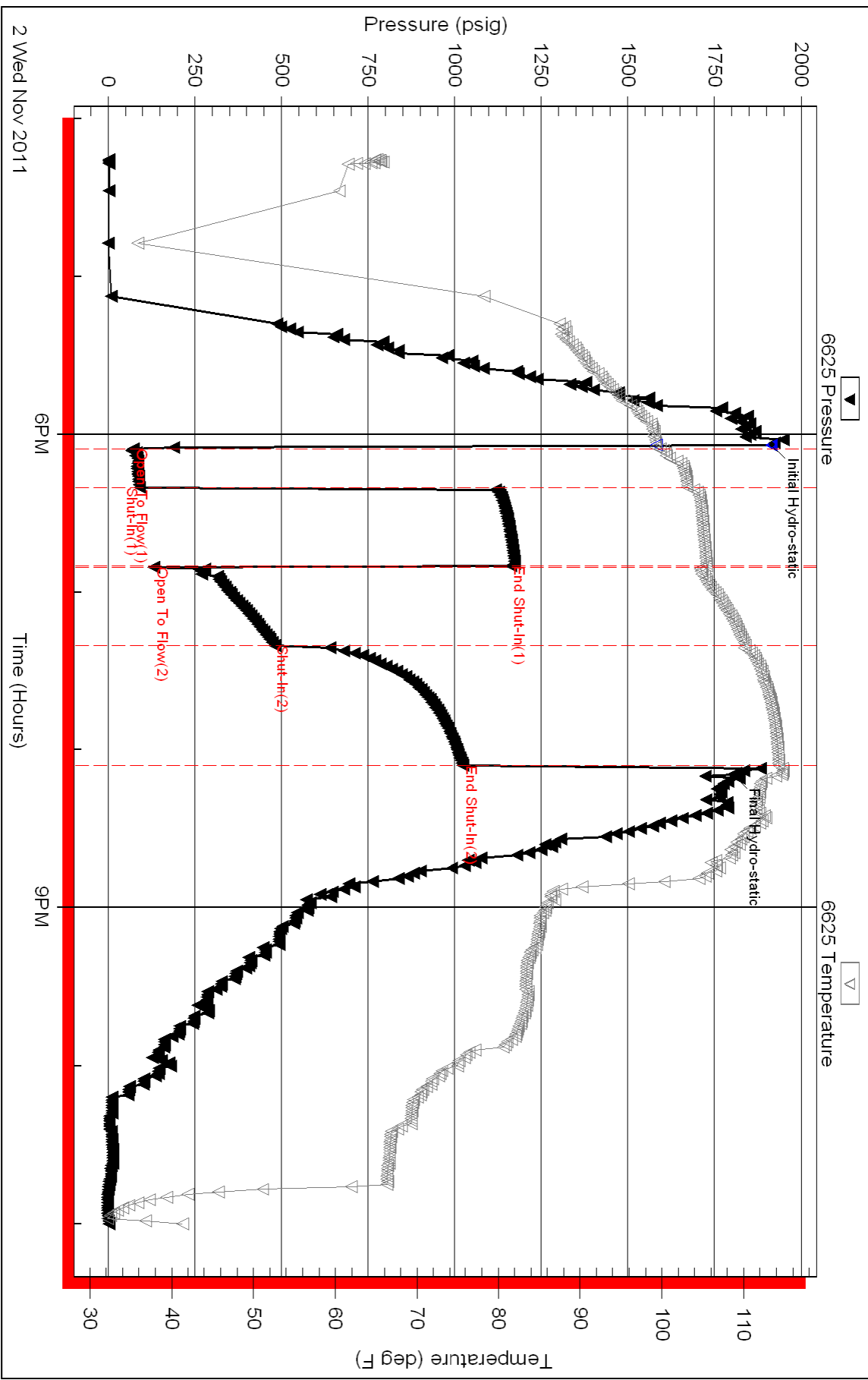
Inside

Dow nting-Nelson Oil Co Inc

Seitz-BarnhardtC1-34

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44766

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