



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning Nelson Oil Co inc

17-20s-20w

Po Box 372
Hays Ks 67601

Showalter 1-17

ATTN: Ron Nelson

Job Ticket: 46245

DST#: 1

Test Start: 2012.01.10 @ 09:22:50

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:23:50

Time Test Ended: 16:26:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 44

Interval: 4257.00 ft (KB) To 4297.00 ft (KB) (TVD)

Reference Elevations: 2187.00 ft (KB)

Total Depth: 4297.00 ft (KB) (TVD)

2179.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8321 Inside

Press @ Run Depth: 85.65 psig @ 4261.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.10 End Date: 2012.01.10

Last Calib.: 2012.01.10

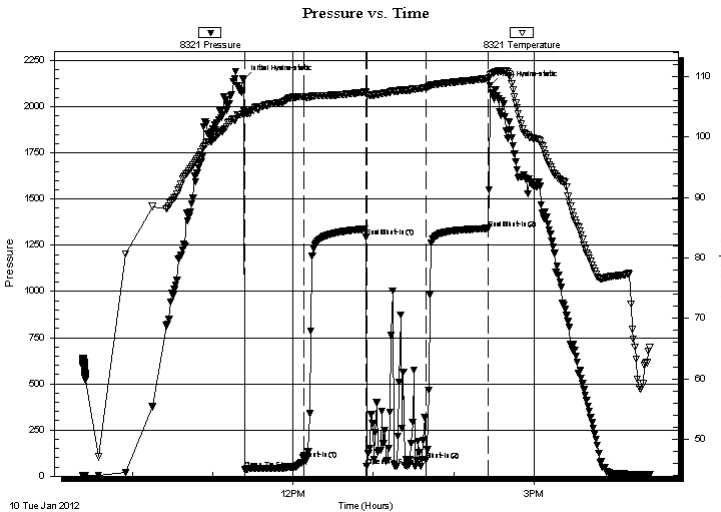
Start Time: 09:22:51 End Time: 16:26:20

Time On Btm: 2012.01.10 @ 11:23:20

Time Off Btm: 2012.01.10 @ 14:27:20

TEST COMMENT: IFP-Weak blow built to 3 3/4 in
ISI-Dead no blow back
PFP-Weak blow built to 1 in
FSI-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2145.99	104.41	Initial Hydro-static
1	35.61	104.02	Open To Flow (1)
45	89.95	106.69	Shut-In(1)
91	1293.46	107.45	End Shut-In(1)
92	51.95	107.04	Open To Flow (2)
136	85.65	108.10	Shut-In(2)
183	1341.59	109.72	End Shut-In(2)
184	2115.45	110.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	SOCM 10%O90%M	0.60

Gas Rates

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



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FLUID SUMMARY

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DST#: 1

ATTN: Ron Nelson

Test Start: 2012.01.10 @ 09:22:50

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	SOCM 10%O90%M	0.601

Total Length: 63.00 ft Total Volume: 0.601 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

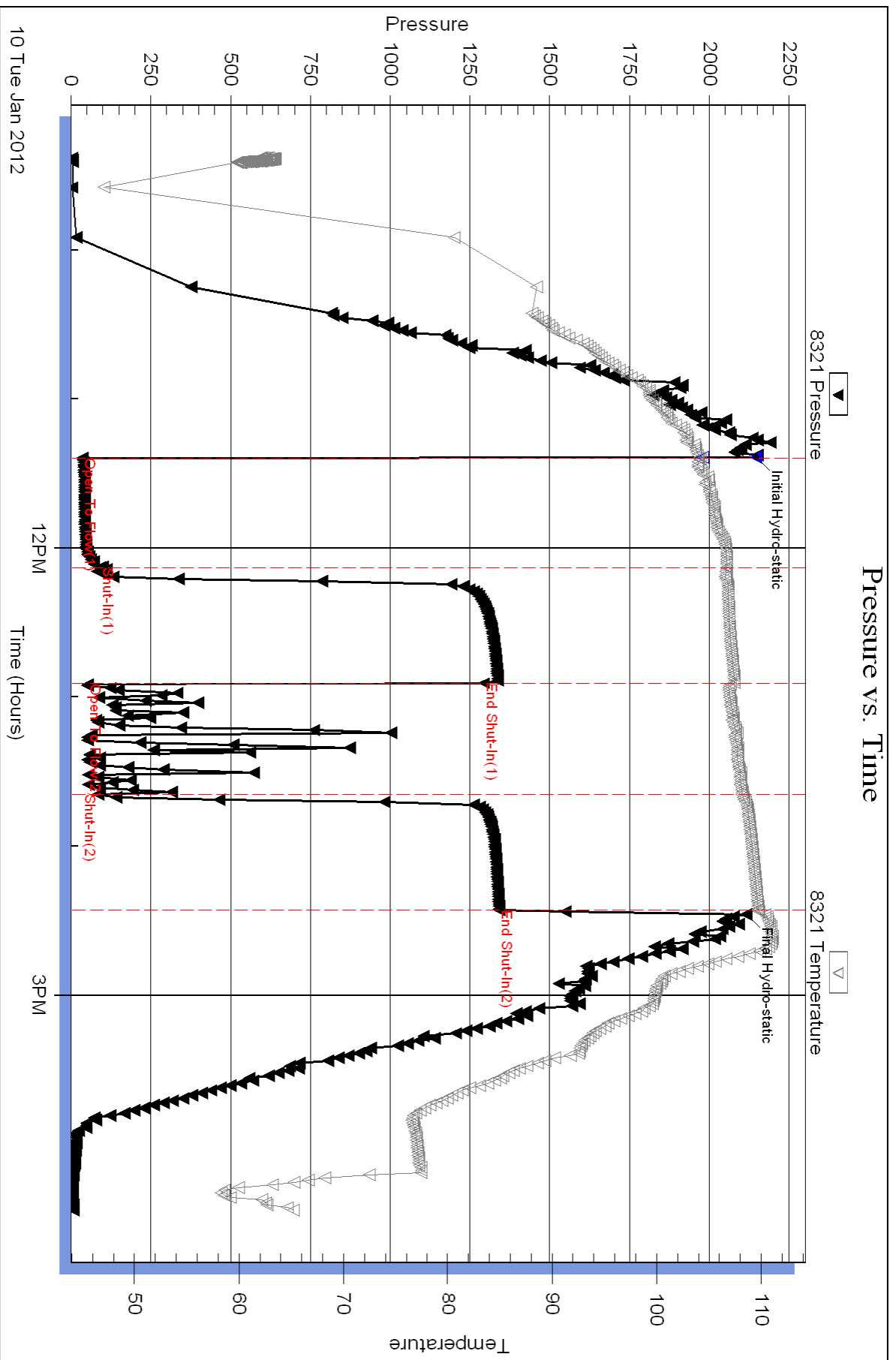
Serial #: 8321

Inside

Downing Nelson Oil Co inc

Show after 1-17

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 46245

Printed: 2012.01.11 @ 09:22:18