



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1072770

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Showalter 1-17
Doc ID	1072770

All Electric Logs Run

Micro
Sonic
Dual Induction
Compensated Density/Neutron

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Showalter 1-17
Doc ID	1072770

Tops

Name	Top	Datum
Top Anhydrite	1370'	+819
Base Anhydrite	1394'	+795
Heebner	3700'	-1505
LKC	3749'	-1555
BKC	4050'	-1856
Fort Scott	4227'	-2033
Cherokee Shale	4245'	-2051
Mississippi	4296'	-2102



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:

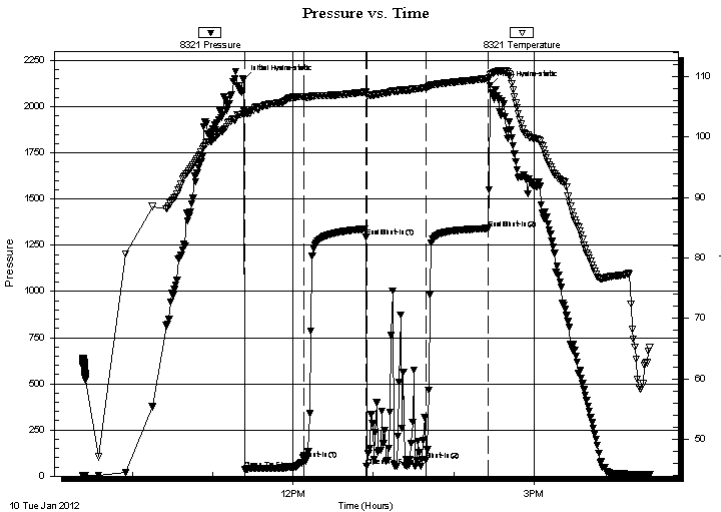
2012.01.10 @ 11:23:20

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)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co inc

17-20s-20w

Po Box 372
Hays Ks 67601

Showalter 1-17

Job Ticket: 46245

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 bbbl
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:

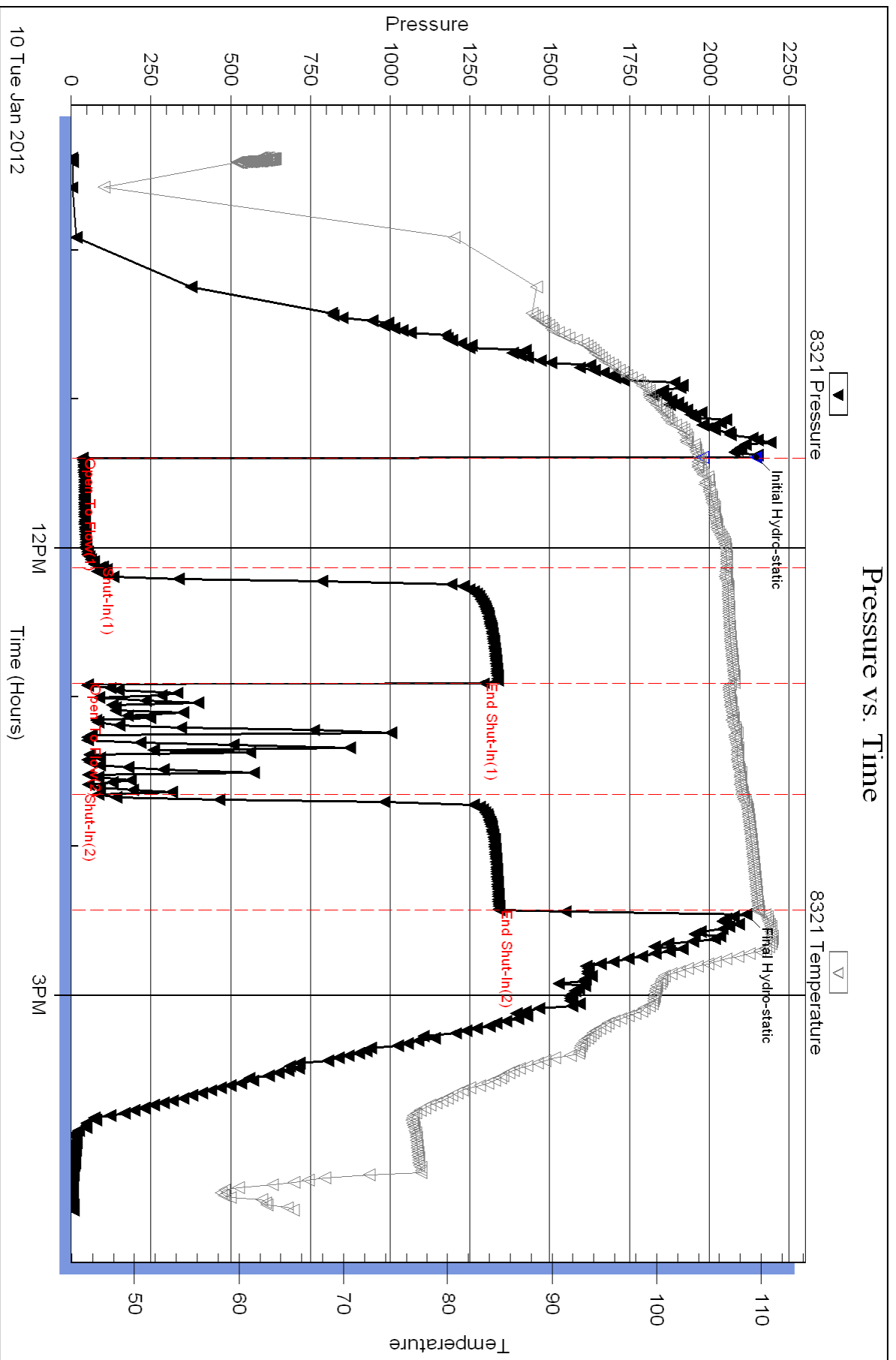
Serial #: 8321

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



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: 46246

DST#: 2

Test Start: 2012.01.10 @ 22:34:49

GENERAL INFORMATION:

Formation: **MISS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:26:19

Time Test Ended: 05:41:19

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

Interval: 4297.00 ft (KB) To 4307.00 ft (KB) (TVD)

Reference Elevations: 2187.00 ft (KB)

Total Depth: 4307.00 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 @RunDepth: 288.48 psig @ 4300.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.10

End Date:

2012.01.11

Last Calib.:

2012.01.11

Start Time: 22:34:50

End Time:

05:41:19

Time On Btm:

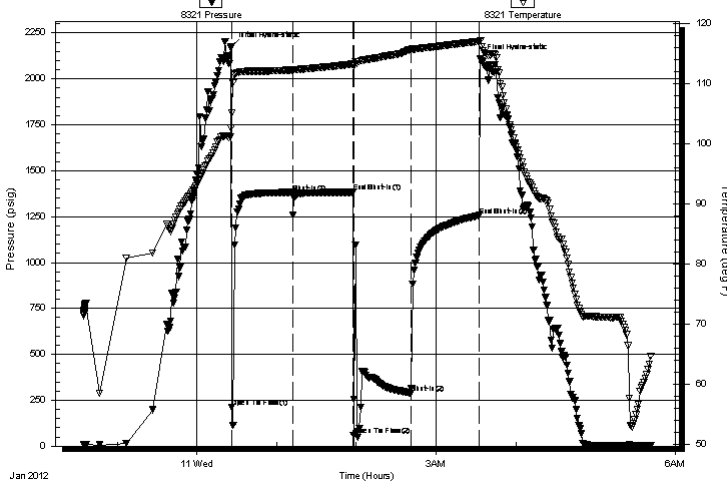
2012.01.11 @ 00:25:49

Time Off Btm:

2012.01.11 @ 03:33:19

TEST COMMENT: IFP-Weak blow built to 3 3/4 in
ISI-Dead no blow back
FFP-Good blow BOB in 22 min
FSI-Weak surface blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.61	102.66	Initial Hydro-static
1	210.91	105.04	Open To Flow (1)
46	1378.06	112.20	Shut-In(1)
92	1382.99	113.18	End Shut-In(1)
92	59.27	112.90	Open To Flow (2)
135	288.48	115.59	Shut-In(2)
187	1255.58	116.96	End Shut-In(2)
188	2111.75	117.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
46.00	SOCM 10%O90%M	0.36
31.00	OCM 20%O80%M	0.43
80.00	GASSY OIL 10%G90%O	1.12
0.00	157 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co inc

17-20s-20w

Po Box 372
Hays Ks 67601

Showalter 1-17

Job Ticket: 46246

DST#: 2

ATTN: Ron Nelson

Test Start: 2012.01.10 @ 22:34:49

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
46.00	SOCM 10%O90%M	0.363
31.00	OCM 20%O80%M	0.435
80.00	GASSY OIL 10%G90%O	1.122
0.00	157 GIP	0.000

Total Length: 157.00 ft

Total Volume: 1.920 bbl

Num Fluid Samples: 0

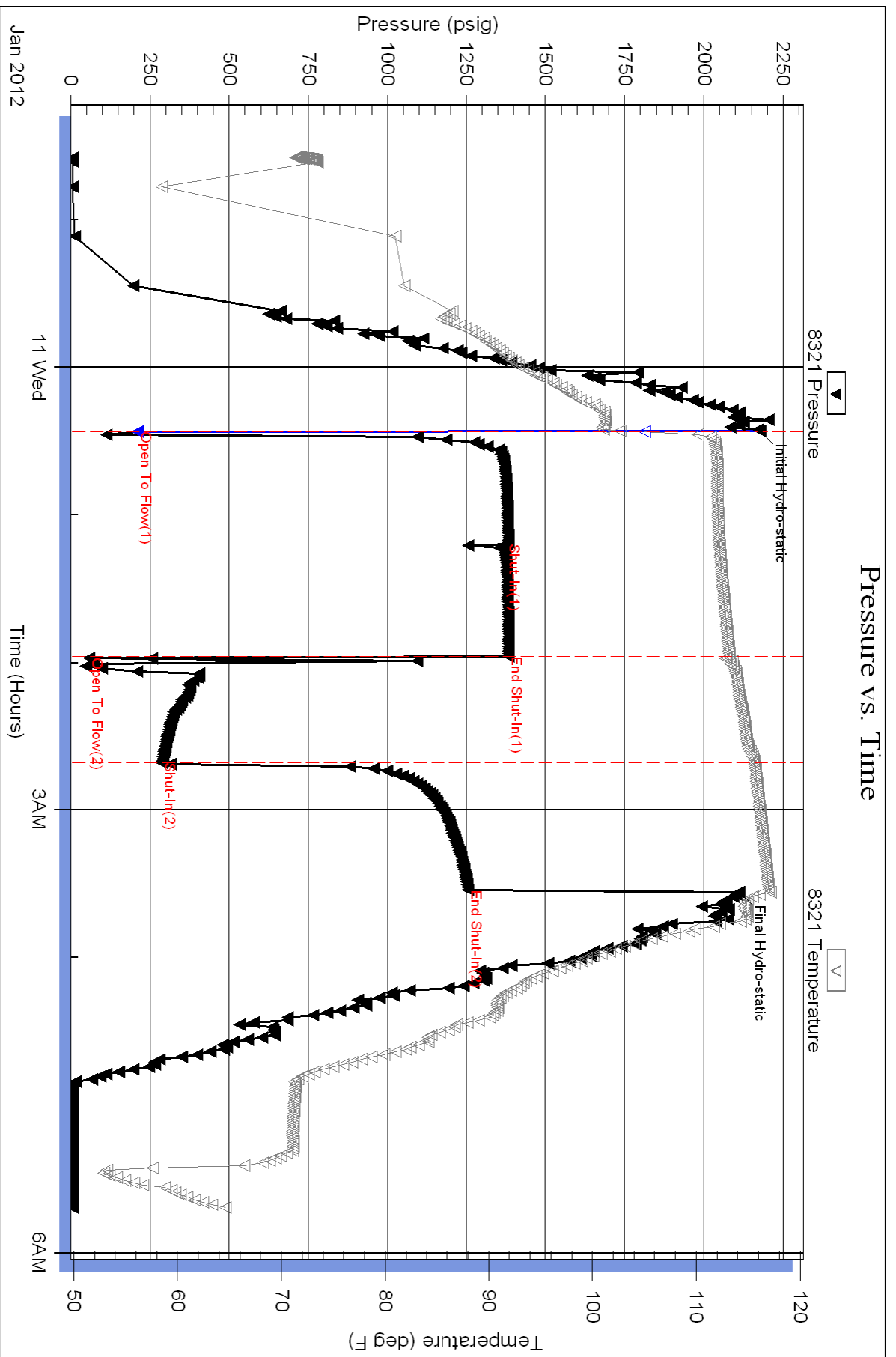
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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: 46247

DST#: 3

Test Start: 2012.01.11 @ 13:00:16

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:22:16

Time Test Ended: 20:39:46

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

Interval: 4306.00 ft (KB) To 4316.00 ft (KB) (TVD)

Reference Elevations: 2187.00 ft (KB)

Total Depth: 4316.00 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 @ RunDepth: 126.75 psig @ 4309.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.11 End Date: 2012.01.11

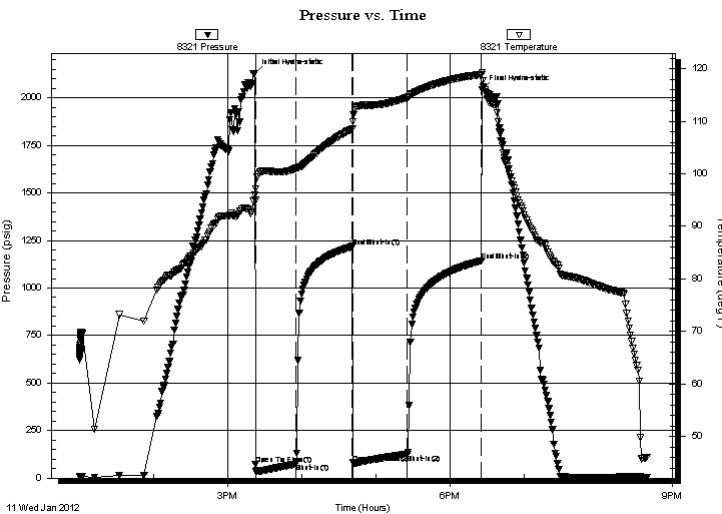
Last Calib.: 2012.01.11

Start Time: 13:00:17 End Time: 20:38:46

Time On Btm: 2012.01.11 @ 15:21:46

Time Off Btm: 2012.01.11 @ 18:25:46

TEST COMMENT: IFP-Good blow BOB in 10 min
ISI-Weak blow back built to 1 1/4 in
FFP-Good blow BOB in 15 min
FSI-Weak blow blow built 1 1/8 in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2126.46	95.91	Initial Hydro-static
1	71.01	94.98	Open To Flow (1)
34	76.98	101.04	Shut-In(1)
79	1218.19	108.55	End Shut-In(1)
80	80.09	109.88	Open To Flow (2)
124	126.75	114.52	Shut-In(2)
184	1143.41	118.90	End Shut-In(2)
184	2041.74	119.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
32.00	GOCM 10%G10%O80%M	0.17
268.00	Gassy Oil 30%G70%M	3.76
0.00	330 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co inc

17-20s-20w

Po Box 372
Hays Ks 67601

Showalter 1-17

Job Ticket: 46247

DST#: 3

ATTN: Ron Nelson

Test Start: 2012.01.11 @ 13:00:16

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 89.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
32.00	GOCM 10%G10%O80%M	0.166
268.00	Gassy Oil 30%G70%M	3.759
0.00	330 GIP	0.000

Total Length: 300.00 ft Total Volume: 3.925 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8321

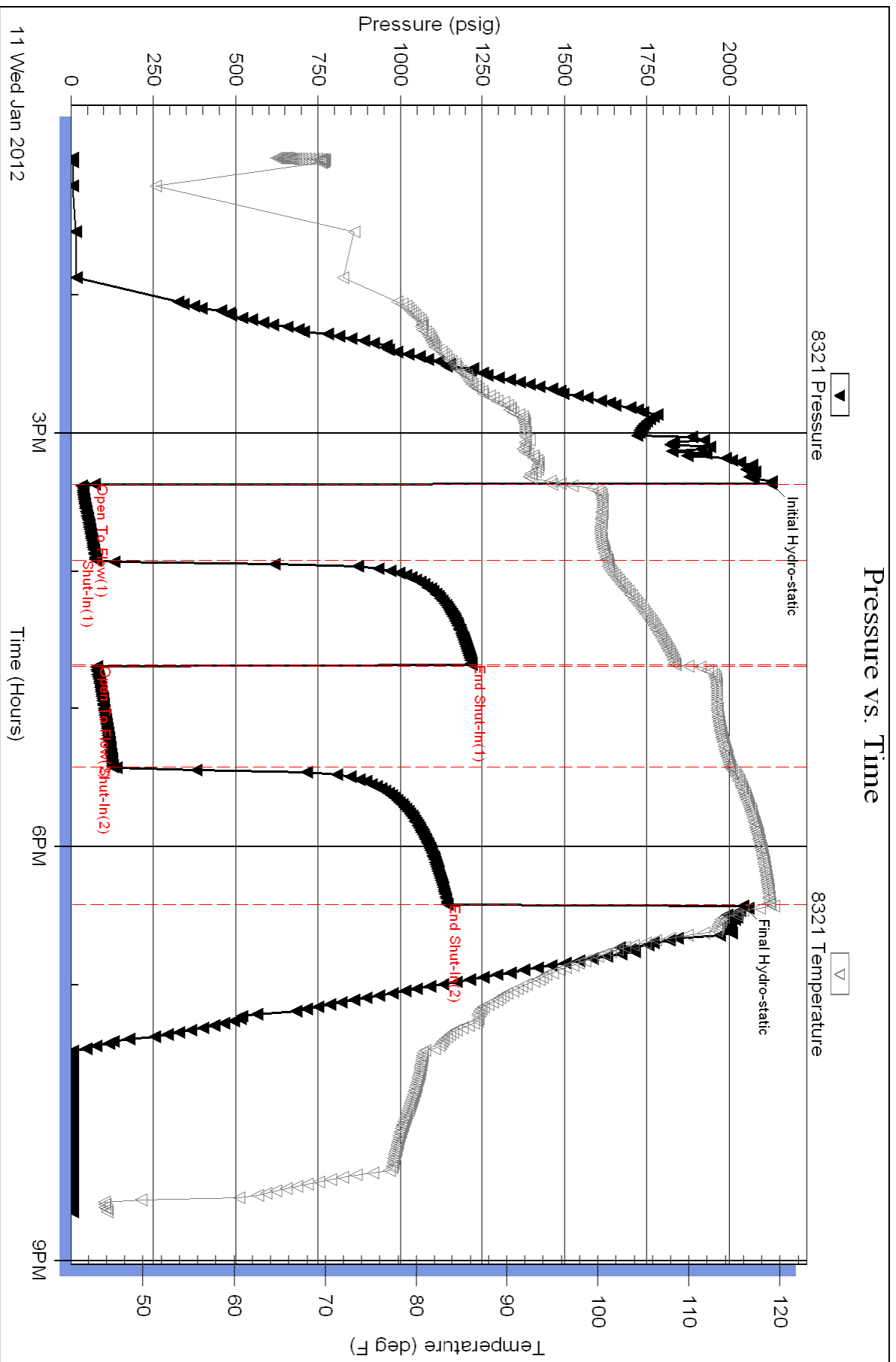
Inside

Downing Nelson Oil Co Inc

Show after 1-17

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46247

Printed: 2012.01.12 @ 08:15:54



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: 46248

DST#: 4

Test Start: 2012.01.12 @ 03:38:35

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:50:05
 Time Test Ended: 11:39:05
 Interval: **4315.00 ft (KB) To 4324.00 ft (KB) (TVD)**
 Total Depth: 4324.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 44
 Reference Elevations: 2187.00 ft (KB)
 2179.00 ft (CF)
 KB to GR/CF: 8.00 ft

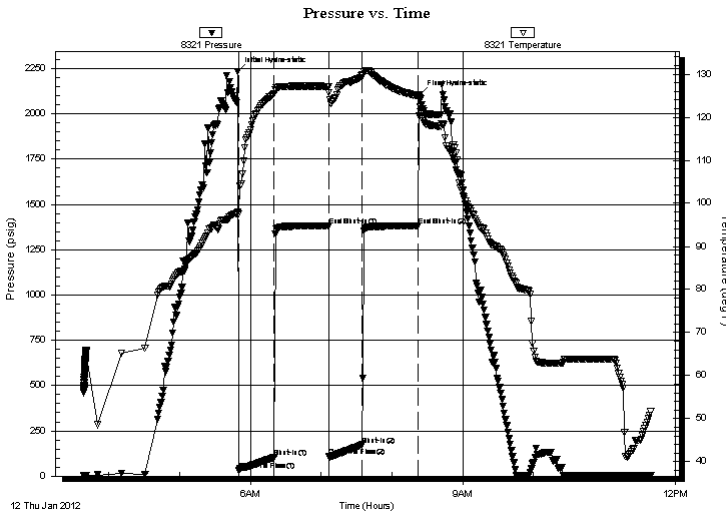
Serial #: 8321

Inside

Press @RunDepth: 172.79 psig @ 4317.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.01.12 End Date: 2012.01.12 Last Calib.: 2012.01.12
 Start Time: 03:38:36 End Time: 11:39:05 Time On Btm: 2012.01.12 @ 05:49:05
 Time Off Btm: 2012.01.12 @ 08:23:35

TEST COMMENT: IFP-Good blow BOB in 8 min
 ISI-Weak surface blow back built to 3 3/4 in
 FFP-Good low BOB in 10 min
 FSI-Fair blow back built to 4 in

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2235.08	97.89	Initial Hydro-static
1	30.96	97.55	Open To Flow (1)
31	102.31	125.46	Shut-In(1)
77	1382.42	127.13	End Shut-In(1)
78	107.85	125.71	Open To Flow (2)
106	172.79	129.65	Shut-In(2)
153	1381.97	124.90	End Shut-In(2)
155	2108.08	122.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	HOCGMW 15%G20%M20%W45%O	1.49
63.00	GMCO 20%G5%M75%O	0.88
239.00	Gassy Oil 10%G90%O	3.35
0.00	378-GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co inc

17-20s-20w

Po Box 372
Hays Ks 67601

Showalter 1-17

Job Ticket: 46248

DST#: 4

ATTN: Ron Nelson

Test Start: 2012.01.12 @ 03:38:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
126.00	HOCGMW 15%G20%M20%W45%O	1.485
63.00	GMCO 20%G5%M75%O	0.884
239.00	Gassy Oil 10%G90%O	3.353
0.00	378-GIP	0.000

Total Length: 428.00 ft

Total Volume: 5.722 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8321

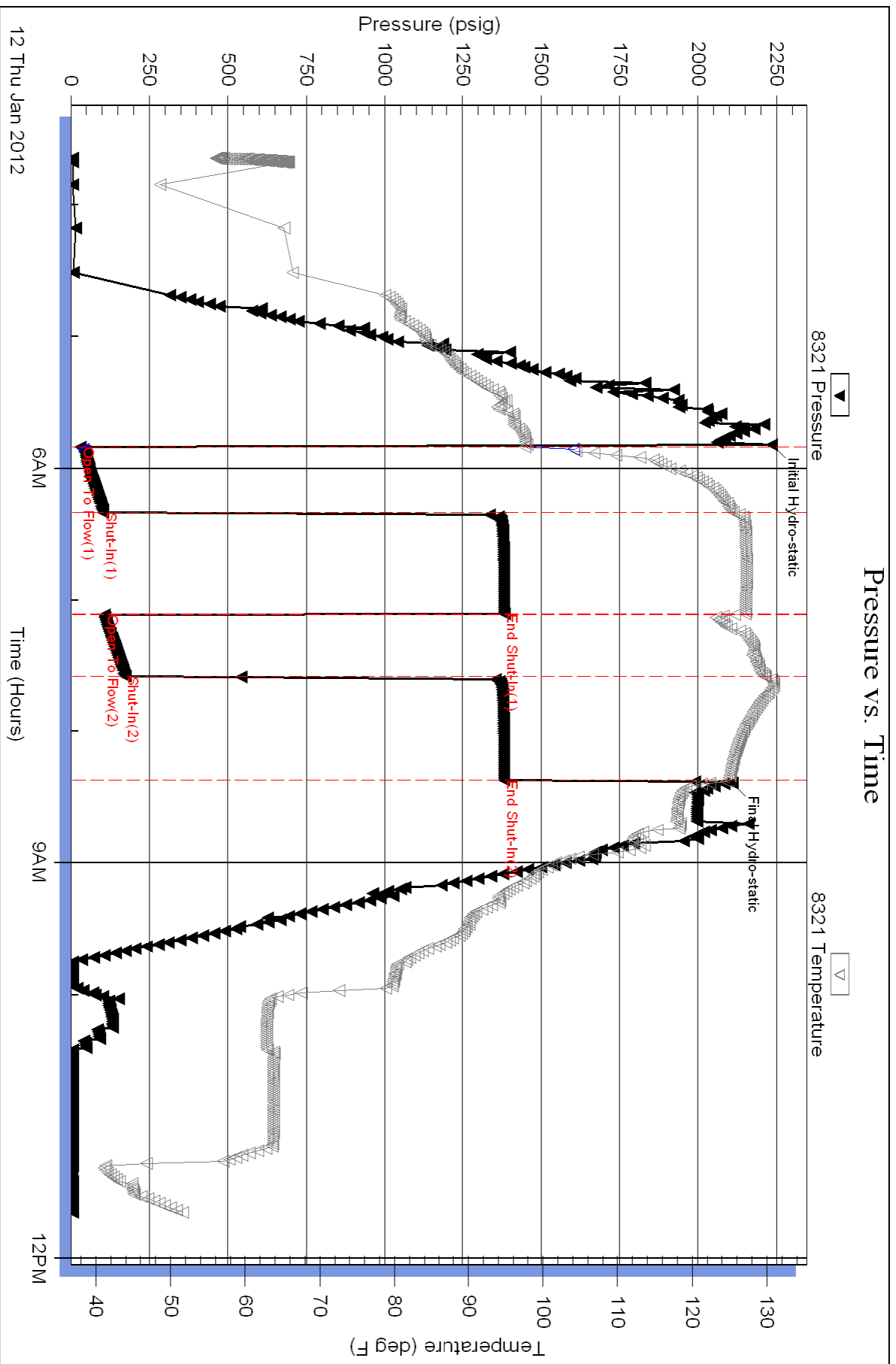
Inside

Downing Nelson Oil Co inc

Show after 1-17

DST Test Number: 4

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46248

Printed: 2012.01.12 @ 13:34:52

JOB LOG

SWIFT Services, Inc.

DATE 1-13-12 PAGE NO. 1

CUSTOMER *Douming & Nelson* WELL NO. *#1-17* LEASE *Showalter* JOB TYPE *Logging* TICKET NO. *21204*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0300							on loc w/ FE
								RTD 4324' LTD 4333'
								5 1/2" x 14# x 4329' x 43'
								Cent. 1, 3, 5, 7, 9, 11, 13
								Back 10
	0400							Start FE
	0610							Break Circ
	0640					1300		Set Pkt Shoe
	0650	2.5	7/5					Plug RH & MH 30/20 sks EA-2
	0650	5	0			250		Start Mud Flush 500 gal
		5	12/0			250		Start KCL Flush 20 bbl
		6	20/0			300		Start Cement 125 sks EA-2
	0705		30					End Cement
								Wash P+L
								Drop L.D Plug
	0710	6.5	0			200		Start Displacement
	0722	5	75			250		Catch Cement
	0728		104.5			500 / 1300		Land Plug
								Release Pressure
								Float Held

Thank you

Nick, Josh F. & Doug

JOB LOG

SWIFT Services, Inc.

DATE 1-13-12 PAGE NO. 1

CUSTOMER *Douming & Nelson* WELL NO. *#1-17* LEASE *Showalter* JOB TYPE *Logging* TICKET NO. *21204*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0300							on loc w/ FE
								RTD 4324' LTD 4333'
								5 1/2" x 14# x 4329' x 43'
								Cent. 1, 3, 5, 7, 9, 11, 13
								Back 10
	0400							Start FE
	0610							Break Circ
	0640					1300		Set Pkt Shoe
	0650	2.5	7/5					Plug RH & MH 30/20 sks EA-2
	0650	5	0			250		Start Mud Flush 500 gal
		5	12/0			250		Start KCL Flush 20 bbl
		6	20/0			300		Start Cement 125 sks EA-2
	0705		30					End Cement
								Wash P+L
								Drop L.D Plug
	0710	6.5	0			200		Start Displacement
	0722	5	75			250		Catch Cement
	0728		104.5			500 / 1300		Land Plug
								Release Pressure
								Float Held

Thank you

Nick, Josh F. & Doug

