



KANSAS CORPORATION COMMISSION 1061723  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**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

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: \_\_\_\_\_



1061723

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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	Luea 4
Doc ID	1061723

All Electric Logs Run

Micro
Sonic
Dual Induction
Compensated Neutron/Density

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Luea 4
Doc ID	1061723

Tops

Name	Top	Datum
Top Anhydrite	1575'	+686
Base Anhydrite	1619'	+642
Topeka	3270'	-1009
Heebner	3508'	-1247
Toronto	3527'	-1266
LKC	3546'	-1285
BKC	3793'	-1532
Marmaton	3857'	-1596
Arbuckle	3904'	-1643



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co. Inc.

**Luea #4**

PO Box 1019  
Hays Ks 67601

**1-14-21, Trego, Ks**

ATTN: Marc Dow ning

Job Ticket: 43925

**DST#: 1**

Test Start: 2011.07.31 @ 04:25:22

## GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:25:22

Time Test Ended: 10:27:52

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

**Interval: 3538.00 ft (KB) To 3570.00 ft (KB) (TVD)**

Reference Elevations: 2260.00 ft (KB)

Total Depth: 3570.00 ft (KB) (TVD)

2252.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6753 Outside**

Press @ Run Depth: 47.79 psig @ 3542.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.31 End Date: 2011.07.31

Last Calib.: 2011.07.31

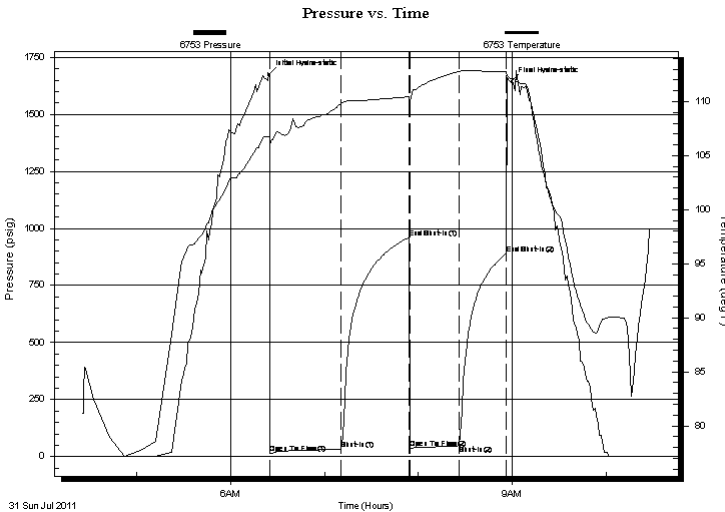
Start Time: 04:25:27 End Time: 10:27:51

Time On Btm: 2011.07.31 @ 06:24:22

Time Off Btm: 2011.07.31 @ 08:59:22

**TEST COMMENT:** IF-2 3/4in blow  
ISI-No blow  
FF-Very weak surface blow  
FSI-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1674.29	106.73	Initial Hydro-static
1	13.61	105.96	Open To Flow (1)
47	33.51	109.84	Shut-In(1)
90	960.77	110.44	End Shut-In(1)
91	37.69	110.00	Open To Flow (2)
122	47.79	112.76	Shut-In(2)
152	887.77	112.82	End Shut-In(2)
155	1641.98	112.12	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	MCW 15%M 85%W	0.64

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Dow ning-Nelson Oil Co. Inc.

**Luea #4**

PO Box 1019  
Hays Ks 67601

**1-14-21, Trego, Ks**

ATTN: Marc Dow ning

Job Ticket: 43925

**DST#: 1**

Test Start: 2011.07.31 @ 04:25:22

## 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:

60000 ppm

Viscosity: 73.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
65.00	MCW 15%M 85%W	0.638

Total Length: 65.00 ft      Total Volume: 0.638 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

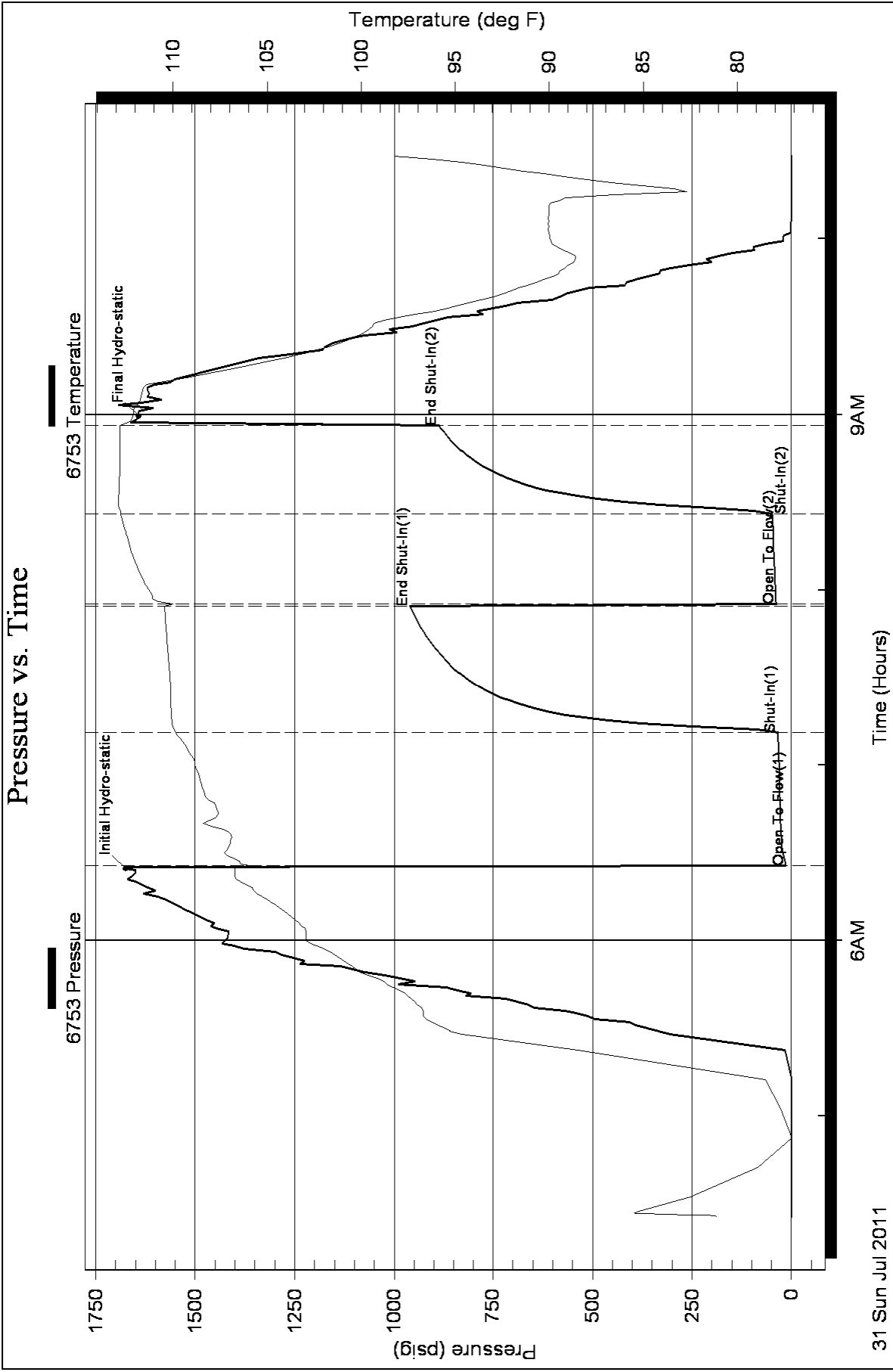
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .10

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co. Inc.

**Luea #4**

PO Box 1019  
Hays Ks 67601

**1-14-21, Trego, Ks**

ATTN: Marc Dow ning

Job Ticket: 43926

**DST#: 2**

Test Start: 2011.07.31 @ 16:25:01

## GENERAL INFORMATION:

Formation: **LKC"C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:45:31

Time Test Ended: 23:26:01

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

**Interval: 3567.00 ft (KB) To 3592.00 ft (KB) (TVD)**

Reference Elevations: 2260.00 ft (KB)

Total Depth: 3592.00 ft (KB) (TVD)

2252.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6753 Outside**

Press @ Run Depth: 71.62 psig @ 3571.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.31

End Date: 2011.07.31

Last Calib.: 2011.07.31

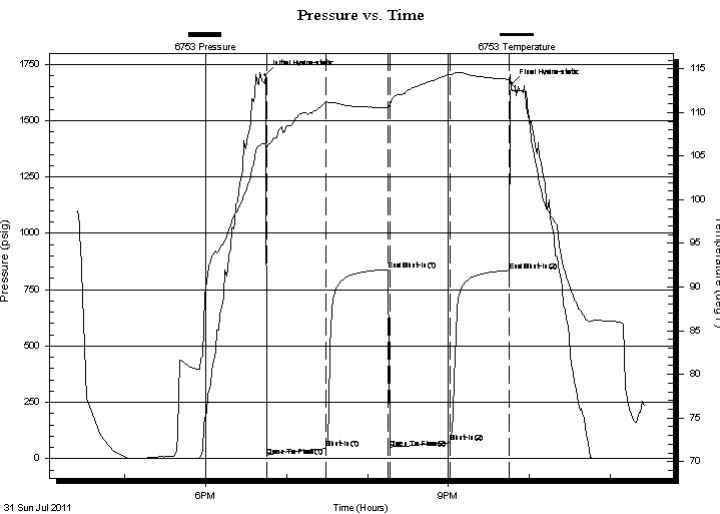
Start Time: 16:25:06

End Time: 23:26:00

Time On Btm: 2011.07.31 @ 18:44:31

Time Off Btm: 2011.07.31 @ 21:47:01

**TEST COMMENT:** IF-3.5in blow  
ISI-No blow  
FF-3in blow  
FSI-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1702.79	106.48	Initial Hydro-static
1	12.73	105.96	Open To Flow (1)
45	45.07	111.21	Shut-In(1)
91	839.66	110.58	End Shut-In(1)
92	48.37	110.87	Open To Flow (2)
137	71.62	114.37	Shut-In(2)
181	835.58	113.80	End Shut-In(2)
183	1664.61	112.63	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	oilspotted MCW	1.41

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Dow ning-Nelson Oil Co. Inc.

**Luea #4**

PO Box 1019  
Hays Ks 67601

**1-14-21, Trego, Ks**

ATTN: Marc Dow ning

Job Ticket: 43926

**DST#: 2**

Test Start: 2011.07.31 @ 16:25:01

**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:

50000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
120.00	oilspotted MCW	1.410

Total Length: 120.00 ft

Total Volume: 1.410 bbf

Num Fluid Samples: 0

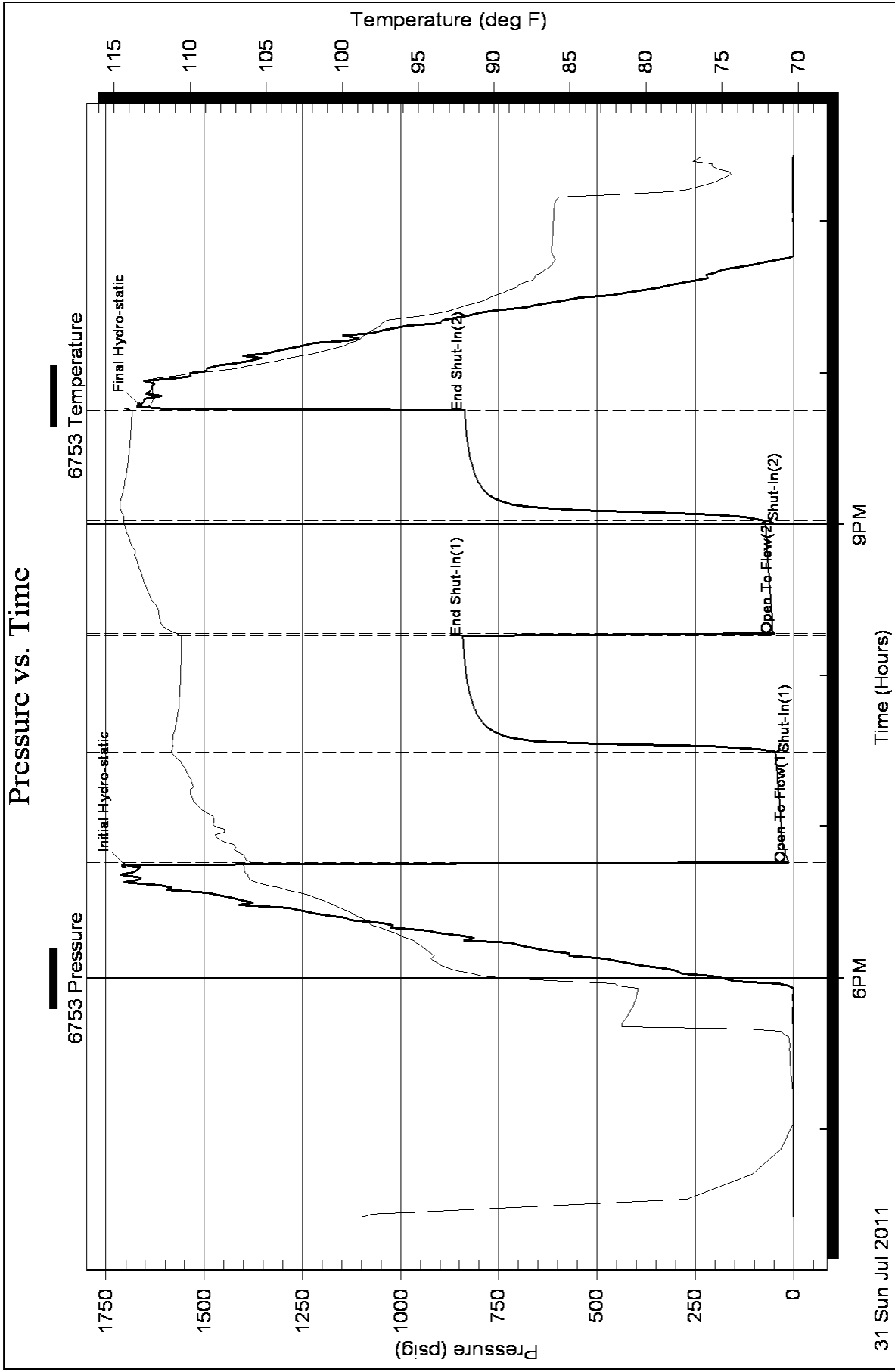
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .15





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co. Inc.

**Luea #4**

PO Box 1019  
Hays Ks 67601

**1-14-21,Trego,Ks**

ATTN: Marc Dow ning

Job Ticket: 44277

**DST#: 3**

Test Start: 2011.08.01 @ 06:55:02

## GENERAL INFORMATION:

Formation: **LKC "E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:09:02

Time Test Ended: 13:46:32

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

**Interval: 3609.00 ft (KB) To 3626.00 ft (KB) (TVD)**

Reference Elevations: 2260.00 ft (KB)

Total Depth: 3626.00 ft (KB) (TVD)

2252.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6753 Outside**

Press @RunDepth: 67.48 psig @ 3613.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.01

End Date:

2011.08.01

Last Calib.:

2011.08.01

Start Time: 06:55:07

End Time:

13:46:31

Time On Btm:

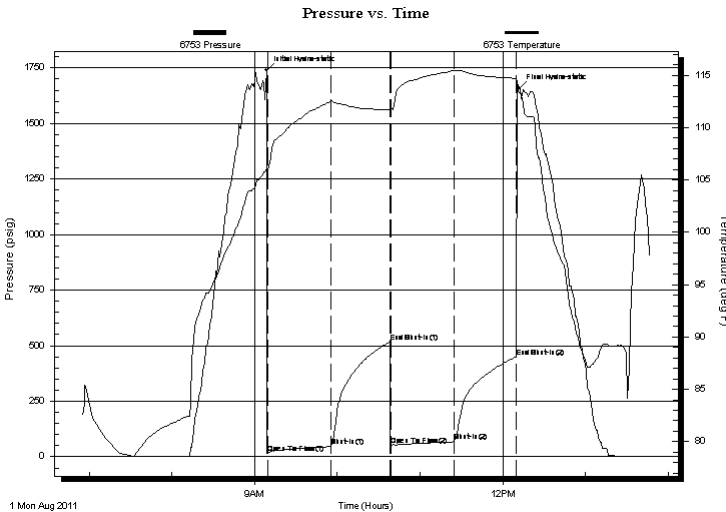
2011.08.01 @ 09:08:32

Time Off Btm:

2011.08.01 @ 12:12:02

**TEST COMMENT:** IF-3.75in blow  
ISI-No blow  
FF-3in blow  
FSI-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1739.08	106.07	Initial Hydro-static
1	16.00	105.67	Open To Flow (1)
47	46.23	112.55	Shut-In(1)
90	516.11	111.78	End Shut-In(1)
91	51.23	111.85	Open To Flow (2)
136	67.48	115.46	Shut-In(2)
181	449.94	114.74	End Shut-In(2)
184	1657.59	113.38	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
1.00	Free Oil	0.00
114.00	MCW 20%M 80%W	1.33

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Dow ning-Nelson Oil Co. Inc.

**Luea #4**

PO Box 1019  
Hays Ks 67601

**1-14-21,Trego,Ks**

Job Ticket: 44277

**DST#: 3**

ATTN: Marc Dow ning

Test Start: 2011.08.01 @ 06:55:02

### 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:

90000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1.00	Free Oil	0.005
114.00	MCW 20%M 80%W	1.335

Total Length: 115.00 ft

Total Volume: 1.340 bbl

Num Fluid Samples: 0

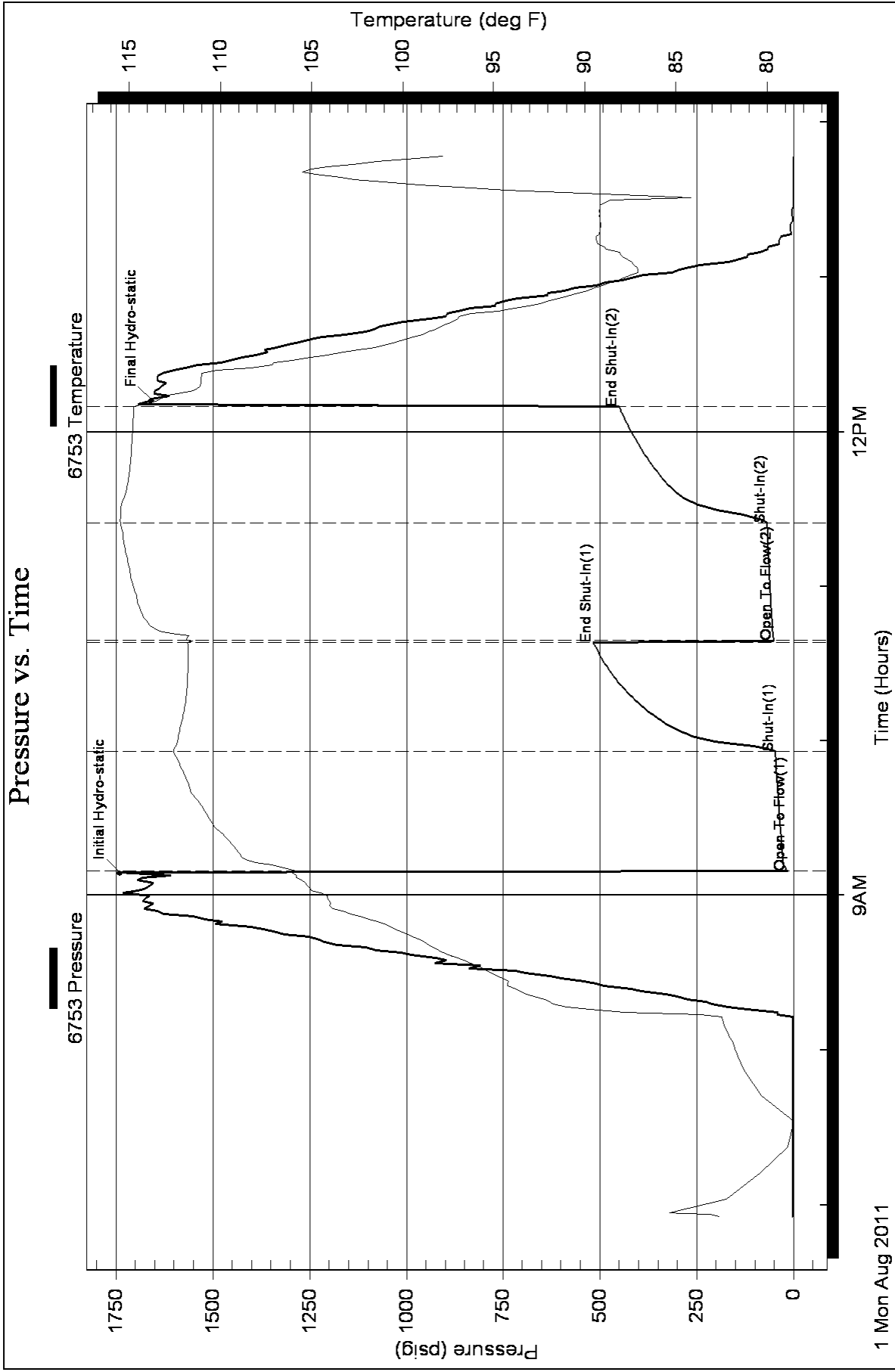
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .06





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co. Inc.

**Luea #4**

PO Box 1019  
Hays Ks 67601

**1-14-21, Trego, Ks**

ATTN: Marc Dow ning

Job Ticket: 44278

**DST#: 4**

Test Start: 2011.08.02 @ 20:45:15

## GENERAL INFORMATION:

Formation: **Arb.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:33:15

Time Test Ended: 03:46:15

Test Type: Conventional Straddle

Tester: Brett Dickinson

Unit No: 47

**Interval: 3890.00 ft (KB) To 3925.00 ft (KB) (TVD)**

Reference Elevations: 2260.00 ft (KB)

Total Depth: 3999.00 ft (KB) (TVD)

2252.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

## Serial #: 6753

Press @RunDepth: 59.28 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.02

End Date: 2011.08.03

Last Calib.: 2011.08.03

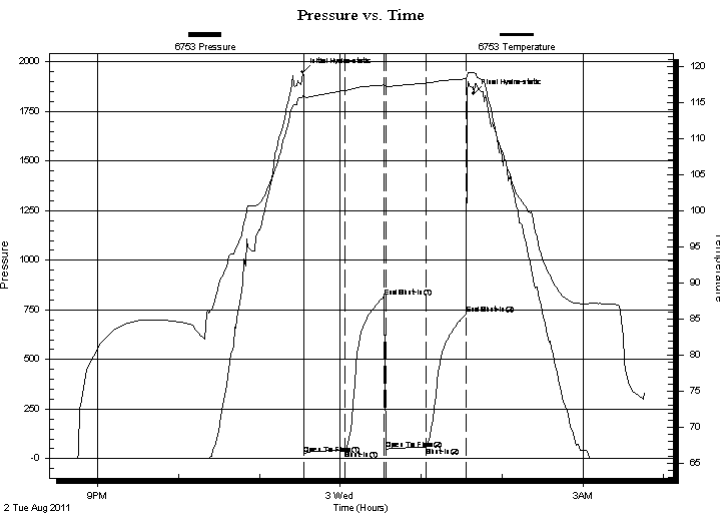
Start Time: 20:45:20

End Time: 03:46:14

Time On Btm: 2011.08.02 @ 23:32:15

Time Off Btm: 2011.08.03 @ 01:39:15

**TEST COMMENT:** IF-3/4in blow died back to weak surface blow  
IS-No blow  
FF-1/2in blow died in 23min  
FS-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1947.06	115.86	Initial Hydro-static
1	24.02	115.57	Open To Flow (1)
32	42.70	116.67	Shut-In(1)
61	817.52	117.43	End Shut-In(1)
62	46.72	117.19	Open To Flow (2)
92	59.28	117.68	Shut-In(2)
121	729.10	118.26	End Shut-In(2)
127	1840.33	119.12	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
35.00	OCM 40%O 60%M	0.22
60.00	MCO 65%O 35%M	0.84

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Dow ning-Nelson Oil Co. Inc.

**Luea #4**

PO Box 1019  
Hays Ks 67601

**1-14-21, Trego, Ks**

Job Ticket: 44278

**DST#: 4**

ATTN: Marc Dow ning

Test Start: 2011.08.02 @ 20:45:15

### 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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
35.00	OCM 40%O 60%M	0.218
60.00	MCO 65%O 35%M	0.842

Total Length: 95.00 ft

Total Volume: 1.060 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

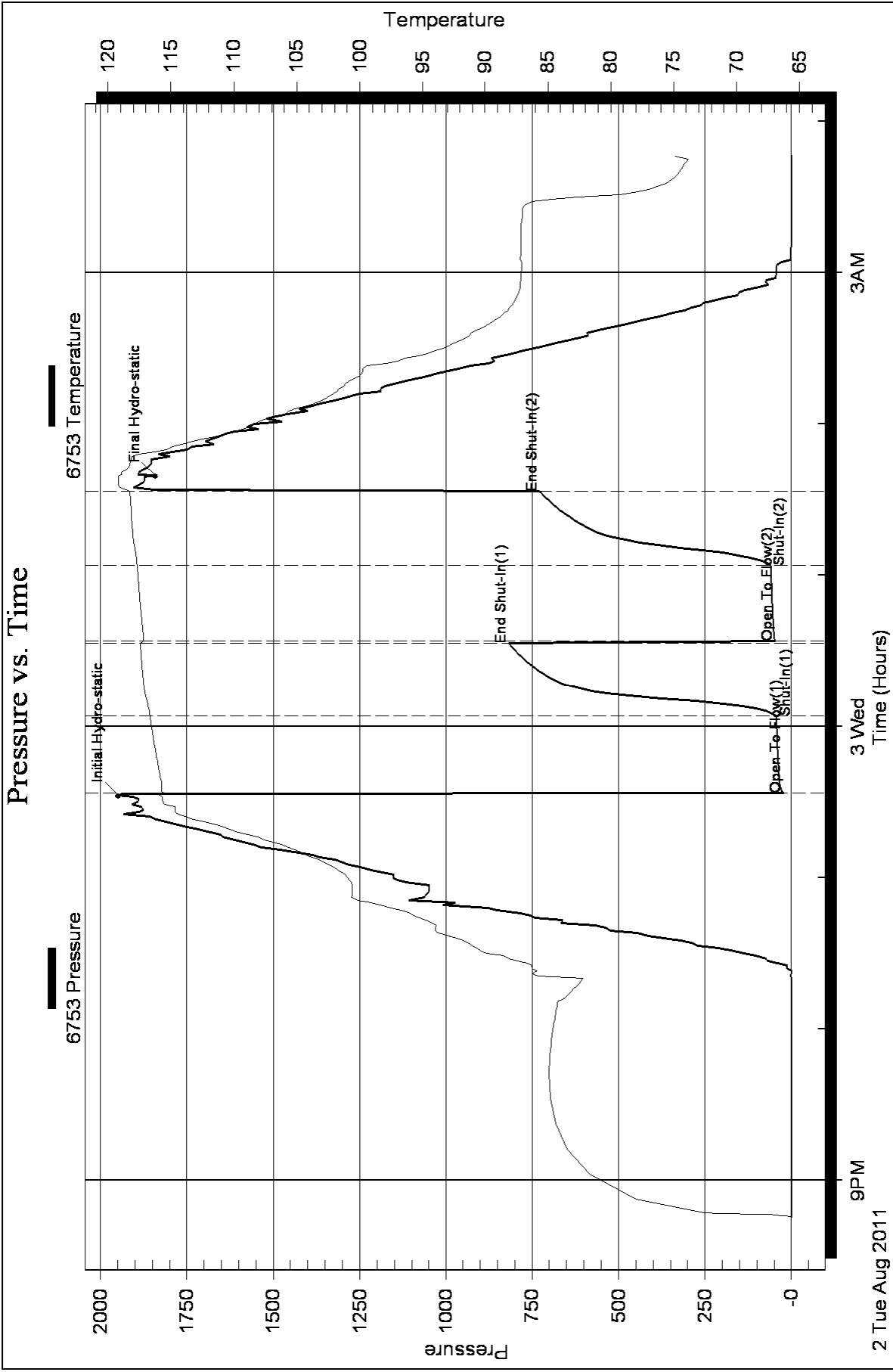
Laboratory Name:

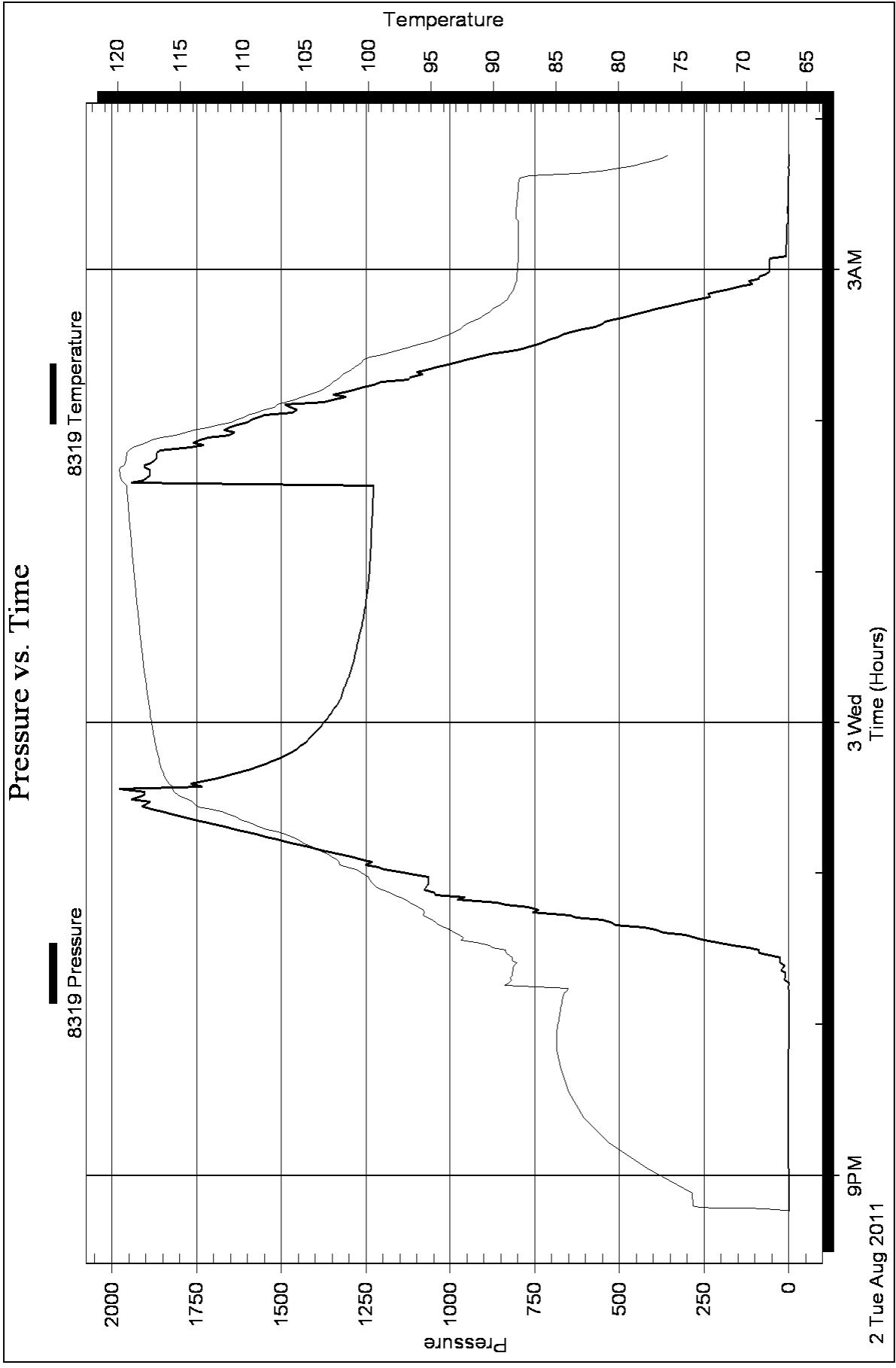
Laboratory Location:

Recovery Comments:



### Pressure vs. Time





# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 5255

Cell 785-324-1041

Date	7/27/11	Sec.	1	Twp.	14	Range	21	County	Trego	State	KS	On Location		Finish	6:15 PM		
Lease	Lupa	Well No.	4	Location	Ellis, S to Victoria Rd, 2W, 1/2 S, W1/4												
Contractor	Discovery Drilling Rig #3							Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Type Job	Surface							Charge To	Downing - Nelson Oil Co. Inc.								
Hole Size	12 1/4"		T.D.	221'			Depth	221'									
Csg.	8 5/8" 23#		Depth	221'													
Tbg. Size								Street									
Tool								City	State								
Cement Left in Csg.	15'		Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.													
Meas Line								Displace	13 Bbls.			Cement Amount Ordered	150 sxc Com 3% CL 2 1/2 gel				

**EQUIPMENT**

Pumptrk	9	No.	Cementer	Paul	Common	150
Bulktrk	14	No.	Driver	Matt	Poz. Mix	
Bulktrk	PV	No.	Driver	Cisco	Gel.	3

**JOB SERVICES & REMARKS**

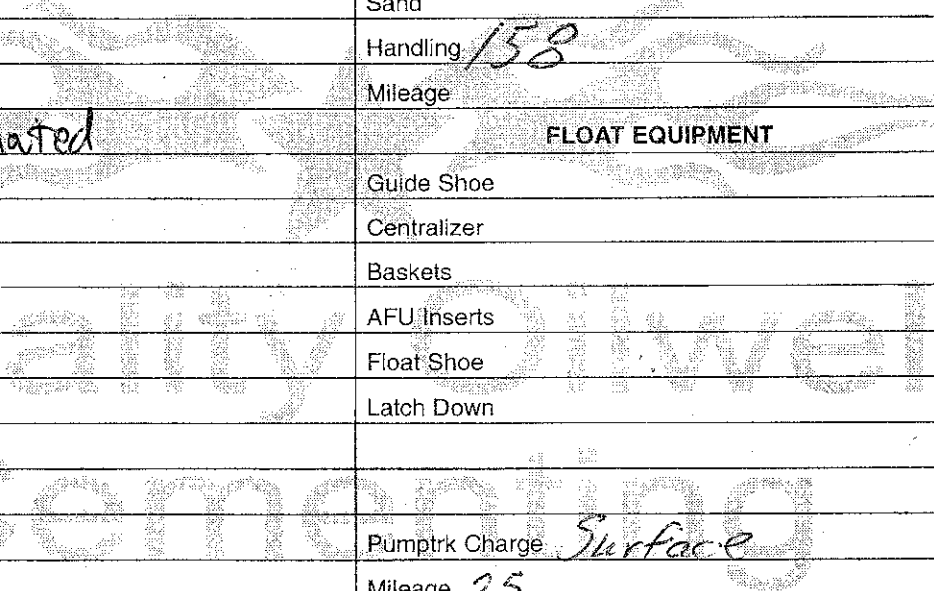
Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
Est. Circ.	Sand
Mix 150 sxc	Handling 150
Displace	Mileage
Cement Circulated	

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	Surface	Tax	
Mileage	25	Discount	
Signature	[Signature]	Total Charge	

Thank You!!









3200

50

3300

50

LS: tom-grg, foss, dens

SH: shik grg

LS: tom-com, mid-ces  
xlog, lrg foss, dense

LS: tom, foss, mostly  
dens, ssat sub xlog

rx, ns

SH: grg

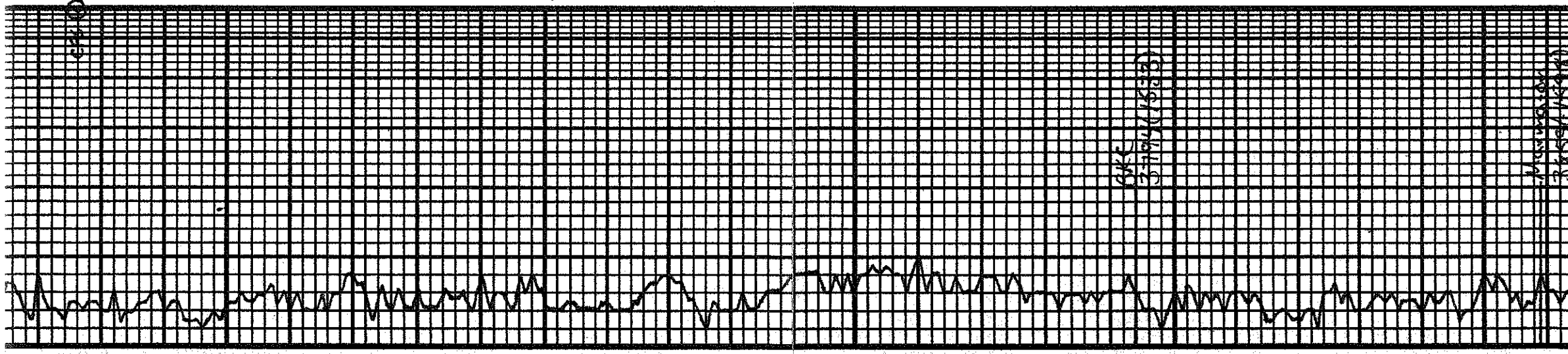
LS: whf, vth xlm, v chky  
friable. All NS, No Od.

Tong suc, dens

SH: grg

LS: tom-com, foss, gd  
intxh #, tong dens w/1  
prob, ns.

LS: com-tom, sand xlog,  
foss, m+bl, subxlm,  
friable, ns



#3

50

3700

50

3800

50

LS: wht, mid CS xln, Fass. Fr- sd wvg + int Fass, Chik in Fr. Ad. sat str w/ fr-50 SFO. Fr. Ad. sat str w/ fr-50 SFO.	LS: wht, fu xln, mostly Chik, scat lt str, NSFO, Chik	Sh: gy LS: wht, fu-mid xln, scat Chik, w/ Fass. Fr. Ad. sat str many Chik ex. fr lt brn str, roun SFO, lt od. tom chnta	LS: wht, fu xln, sub xln w/ tom - w/lt chnta	Swi Black Carb	Sh: gy LS: mostly wht-tom, fu xln, scab. 2-3 ex. chnta fr-gd int xln, gd sat str fr SFO, No Od. fr amt tom-brn shp chnta.	Sh: gy LS: tom, wht, fu-mid xln, scab xln, few Fass ex w/ hvy SFO in pr. pr. w/lt	Sh: gy LS: wht, tom, fu xln, sub xln, scat pr. pass fr. g w/lt lt str, scab SFO, No Od. Fr. Ad. sat str	Sh: gy LS: wht, fu xln, mostly chnta, sub xln in prt. All NS, No Od.	Sh: gy LS: wht-com, fu-mid xln, sub xln, frng chnta, NS.	Sh: gy w/ brn LS: tom - w/lt, mid xln, chnta.	Sh: gy-brn LS: tom, mid xln, mtld, w/lt	front org chnta.	mostly LS w/ pr. pr. pr. sm/
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1' FO 114' MCW 80' W BHT: 115° C/Ler: 90K	DST #4 3890-3925 30-30-30-30 IFPA 24-43 FFP 47-59
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