

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED ORIGINAL  
KCC-1  
June 2009

APR 22 2011

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

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

OPERATOR: License # 8914

Name: H & C Oil Operating, Inc.

Address 1: P.O. Box 86

Address 2: \_\_\_\_\_

City: Plainville State: KS Zip: 67663 + 0086

Contact Person: Charles R. Ramsay

Phone: ( 785 ) 434-7434

CONTRACTOR: License # 33493

Name: American Eagle Drilling LLC

Wellsite Geologist: Marc Downing

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SLOW
- 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 #: \_\_\_\_\_

<u>03/18/2011</u>	<u>03/25/2011</u>	<u>03/26/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23723-00-00

Spot Description: \_\_\_\_\_

NE NW SW NE Sec. 19 Twp. 7 S. R. 22  East  West

1,560 Feet from  North /  South Line of Section

2,050 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Graham

Lease Name: Ninemire Trust Well #: 19-1

Field Name: Wildcat

Producing Formation: None

Elevation: Ground: 2236 Kelly Bushing: 2243

Total Depth: 3735 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 263 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 #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Charles R. Ramsay

Title: President Date: 04/18/2011

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: DA Dg Date: 4/27/11

Operator Name: H & C Oil Operating, Inc. Lease Name: Ninemire Trust Well #: 19-1  
 Sec. 19 Twp. 7 S. R. 22  East  West County: Graham

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no. Submit Copy)</i>  List All E. Logs Run: Microresistivity, Dual Compensated Porosity, Dual Induction, Borehole Compensated Sonic	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1847</td> <td>+396</td> </tr> <tr> <td>Topeka</td> <td>3248</td> <td>-1005</td> </tr> <tr> <td>Heebner</td> <td>3450</td> <td>-1207</td> </tr> <tr> <td>Toronto</td> <td>3474</td> <td>-1231</td> </tr> <tr> <td>Lansing</td> <td>3490</td> <td>-1247</td> </tr> <tr> <td>BKC</td> <td>3684</td> <td>-1441</td> </tr> </table>	Name	Top	Datum	Anhydrite	1847	+396	Topeka	3248	-1005	Heebner	3450	-1207	Toronto	3474	-1231	Lansing	3490	-1247	BKC	3684	-1441
Name	Top	Datum																				
Anhydrite	1847	+396																				
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Toronto	3474	-1231																				
Lansing	3490	-1247																				
BKC	3684	-1441																				

CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	23#	263	Common	165	3% C.C., 2% Gel

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
		RECEIVED APR 22 2011 KCC WICHITA	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio      Gravity

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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Phone 785-483-2025  
Cell 785-324-1041

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

No. 4938

Date <u>3/19/11</u>	Sec. <u>19</u>	Twp. <u>7</u>	Range <u>22</u>	County <u>Cookson</u>	State <u>KS</u>	On Location	Finish <u>2:15 PM</u>
Lease <u>WICHITA TRUST</u>	Well No. <u>19-1</u>			Location <u>Hickory Bluffs 1 1/2 miles</u>			

Contractor <u>Imperial Frac-Dr</u>	Owner
Type Job <u>Surface</u>	To Quality Oilwell Cementing, Inc.
Hole Size <u>12 1/4</u>	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Csg. <u>5 3/8</u>	Depth <u>264</u>
Tbg. Size	Depth
Tool	Depth
Cement Left in Csg. <u>15'</u>	Shoe Joint
Meas Line	Displace <u>15 3/4 BBL</u>
Charge To <u>A/C</u>	
Street	
City	
State	
The above was done to satisfaction and supervision of owner agent or contractor	
Cement Amount Ordered <u>1652 lbs 3 1/2 c 2 1/2 gal</u>	

**EQUIPMENT**

Pumptrk <u>1</u>	No.	Cemento <u>1</u>	Common <u>16.5</u>
		Helper	
Bulktrk	No.	Driver <u>1</u>	Poz. Mix
Bulktrk <u>8</u>	No.	Driver <u>8</u>	Gel. <u>3</u>
		Driver <u>1</u>	Calcium <u>6</u>

**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
<u>3 1/2 c 12 1/4" Poz. Cemented Mix</u>	Sand
<u>16 3/4" Displace</u>	Handling <u>170'</u>
<u>Cemented Cemented</u>	Mileage

**FLOAT EQUIPMENT**

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

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KCC WICHITA

Pumptrk Charge <u>Surface</u>	Tax
Mileage <u>39</u>	Discount
	Total Charge
X Signature <u>Thomson</u>	

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

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

No. 4518

Date 3/26/11 Sec. 19 Twp. 7 Range 22 County Graham State KS On Location \_\_\_\_\_ Finish 6:00 AM

Lease Ninemire Well No. 19-1 Location Hill City, N on Rd, 1 1/2 E, Santo

Contractor American Eagle Rig #2 Owner \_\_\_\_\_

Type Job PTA To Quality Oilwell Cementing, Inc.  
You are hereby requested to rent cementing equipment and furnish  
Hole Size 7 7/8" T.D. 3735' cementer and helper to assist owner or contractor to do work as listed.

Csg. \_\_\_\_\_ Depth \_\_\_\_\_ Charge To H TC

Tbg. Size \_\_\_\_\_ Depth \_\_\_\_\_ Street \_\_\_\_\_

Tool \_\_\_\_\_ Depth \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

Cement Left in Csg. \_\_\_\_\_ Shoe Joint \_\_\_\_\_ The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line \_\_\_\_\_ Displace \_\_\_\_\_ Cement Amount Ordered 205 sy 60/40 4 1/2 gel

**EQUIPMENT**

Pumptrk	<u>5</u>	No.	Cementor	<u>Paul</u>	Common	<u>123</u>
			Helper			
Bulktrk	<u>10</u>	No.	Driver	<u>Brendan</u>	Poz. Mix	<u>82</u>
			Driver			
Bulktrk	<u>PV</u>	No.	Driver	<u>Con</u>	Gel.	<u>7</u>
			Driver			

**JOB SERVICES & REMARKS**

Remarks: \_\_\_\_\_ Hulls \_\_\_\_\_  
Rat Hole 303W Salt \_\_\_\_\_  
Mouse Hole \_\_\_\_\_ Flowseal 50#  
Centralizers \_\_\_\_\_ Kol-Seal \_\_\_\_\_  
Baskets \_\_\_\_\_ Mud CLR 48 \_\_\_\_\_  
D/V or Port Collar \_\_\_\_\_ CFL-117 or CD110 CAF 38 \_\_\_\_\_  
1850' - 255x Sand \_\_\_\_\_  
1100' - 1005x Handling 212 \_\_\_\_\_  
310' - 405x Mileage \_\_\_\_\_  
40' - 105x

**FLOAT EQUIPMENT**

Guide Shoe \_\_\_\_\_  
Centralizer \_\_\_\_\_  
Baskets \_\_\_\_\_  
AFU Inserts \_\_\_\_\_  
Float Shoe \_\_\_\_\_ RECEIVED  
Latch Down 4 5/8" Dry APR 22 2011

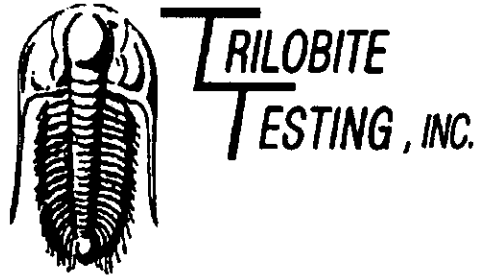
Thank You!!

Hole Plug KCC WICHITA plug

Pumptrk Charge \_\_\_\_\_  
Mileage 39

Tax \_\_\_\_\_  
Discount \_\_\_\_\_  
Total Charge \_\_\_\_\_

X Signature \_\_\_\_\_



## DRILL STEM TEST REPORT

Prepared For: **H & C Oil Operating, Inc.**

PO Box 86  
Plainville, KS 67663

ATTN: Marc Downing

**19-7s-22w-Graham, KS**

**Ninemire #19-1**

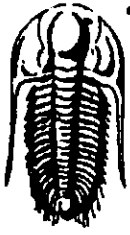
Start Date: 2011.03.25 @ 13:25:03

End Date: 2011.03.25 @ 22:32:48

Job Ticket #: 42832                      DST #: 1

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

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KCC WICHITA



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

H & C Oil Operating, Inc.

**Ninemire #19-1**

PO Box 86  
Plainville, KS 67663

**19-7s-22w-Graham, KS**

ATTN: Marc Downing

Job Ticket: 42832      DST#: 1

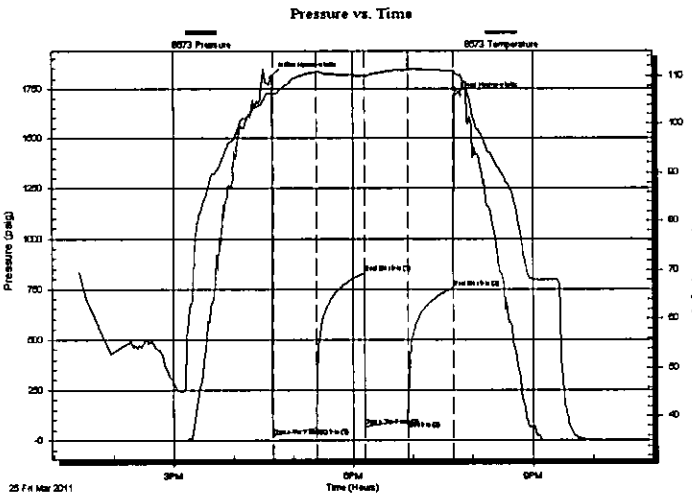
Test Start: 2011.03.25 @ 13:25:03

## GENERAL INFORMATION:

Formation: **Lansing A**  
 Deviated: **No** Whipstock:                      ft (KB)  
 Time Tool Opened: 16:38:48  
 Time Test Ended: 22:32:48  
 Interval: **3480.00 ft (KB) To 3498.00 ft (KB) (TVD)**  
 Total Depth: **3736.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: **Good**  
 Test Type: **Conventional Straddle**  
 Tester: **Jason McLemore**  
 Unit No: **54**  
 Reference Elevations: **2243.00 ft (KB)**  
**2236.00 ft (CF)**  
 KB to GR/CF: **7.00 ft**

**Serial #: 8673**      Inside  
 Press@RunDepth: **98.10 psig @ 3484.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2011.03.25**      End Date: **2011.03.25**      Last Calib.: **2011.03.25**  
 Start Time: **13:25:05**      End Time: **22:32:48**      Time On Btm: **2011.03.25 @ 16:38:18**  
 Time Off Btm: **2011.03.25 @ 19:41:03**

**TEST COMMENT:** FFP-Fair Blow ,Built to 9-1/2"  
 IS-Dead  
 FFP-Fair Blow ,Built to 6-1/2"  
 FSI-Dead



## PRESSURE SUMMARY

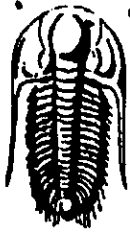
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1812.28	106.63	Initial Hydro-static
1	20.26	105.90	Open To Flow (1)
45	61.97	110.71	Shut-In(1)
93	828.11	109.90	End Shut-In(1)
94	65.76	109.43	Open To Flow (2)
136	98.10	111.21	Shut-In(2)
182	755.05	110.81	End Shut-In(2)
183	1711.13	111.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
175.00	Muddy Water W/Oil Scum-99%W-1%M	2.45

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

H & C Oil Operating, Inc.

**Ninemire #19-1**

PO Box 86  
Plainville, KS 67663

**19-7s-22w-Graham, KS**

Job Ticket: 42832

DST#: 1

ATTN: Marc Downing

Test Start: 2011.03.25 @ 13:25:03

**Tool Information**

Drill Pipe:	Length: 3470.00 ft	Diameter: 3.80 inches	Volume: 48.67 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	45000.00 lb
			<b>Total Volume: 48.67 bbl</b>	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3480.00 ft			Final	39000.00 lb
Depth to Bottom Packer:	3498.00 ft				
Interval between Packers:	18.00 ft				
Tool Length:	276.00 ft				
Number of Packers:	3	Diameter: 6.75 inches			

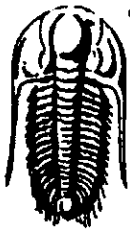
Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3460.00	
Shut In Tool	5.00			3465.00	
Hydraulic tool	5.00			3470.00	
Packer	5.00			3475.00	21.00 Bottom Of Top Packer
Packer	5.00			3480.00	
Stubb	1.00			3481.00	
Perforations	3.00			3484.00	
Recorder	0.00	8673	Inside	3484.00	
Recorder	0.00	6755	Outside	3484.00	
Perforations	10.00			3494.00	
Blank Off Sub	1.00			3495.00	
Blank Spacing	3.00			3498.00	18.00 Tool Interval
Packer	1.00			3499.00	
Recorder	0.00	8666	Below	3499.00	
Perforations	16.00			3515.00	
Change Over Sub	1.00			3516.00	
Blank Spacing	215.00			3731.00	
Change Over Sub	1.00			3732.00	
Bullnose	3.00			3735.00	237.00 Bottom Packers & Anchor

**Total Tool Length: 276.00**

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**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

H & C Oil Operating, Inc.

**Ninemire #19-1**

PO Box 86  
Plainville, KS 67663

**19-7s-22w-Graham, KS**

Job Ticket: 42832

DST#: 1

ATTN: Marc Downing

Test Start: 2011.03.25 @ 13:25:03

**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:

95000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 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
175.00	Muddy Water W/Oil Scum-99%W-1%M	2.455

Total Length: 175.00 ft

Total Volume: 2.455 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

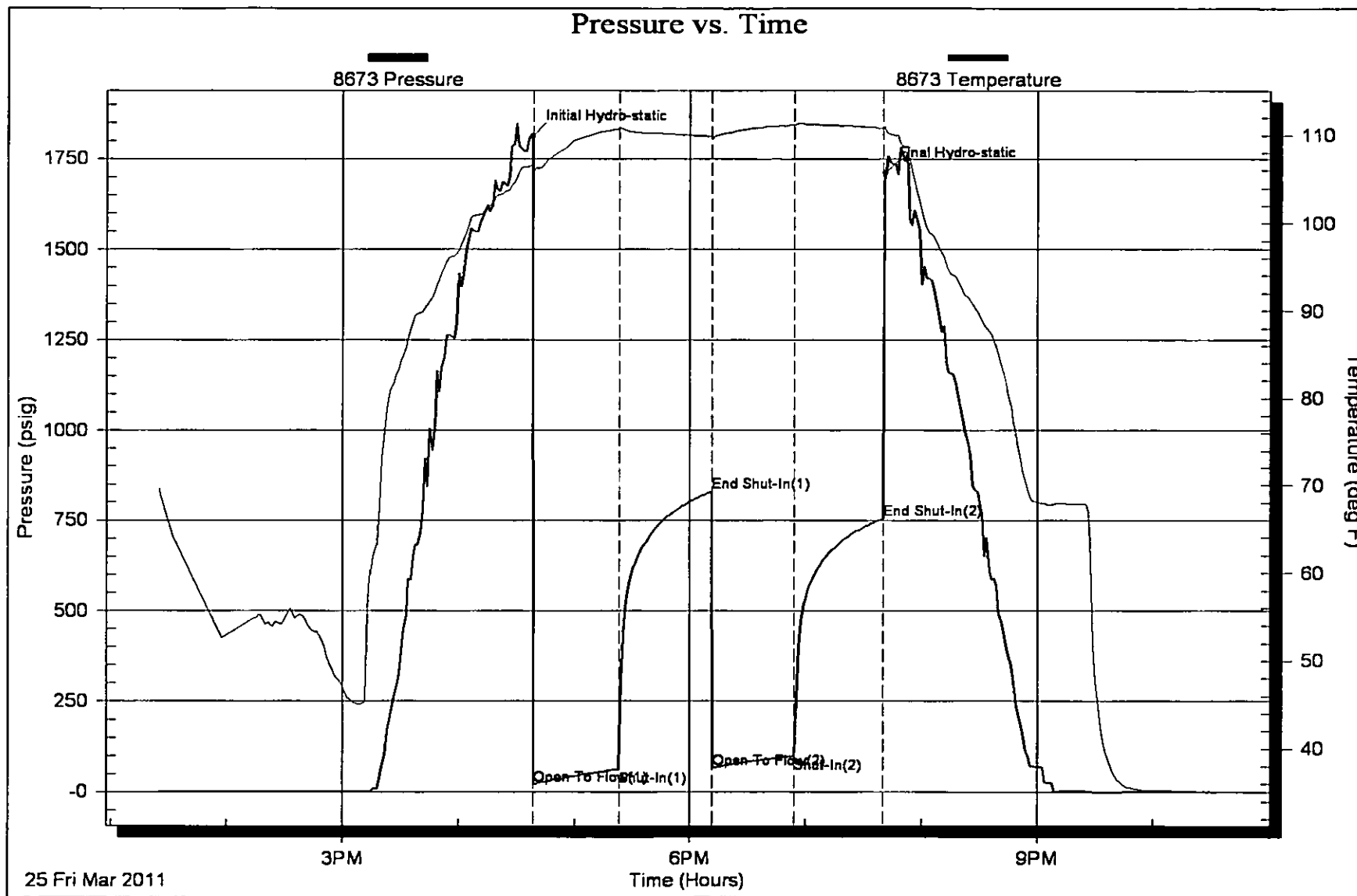
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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