



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: _____



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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Larson Engineering, Inc. dba Larson Operating Company
Well Name	McLeish 'B' 3-24
Doc ID	1050309

Tops

Name	Top	Datum
Anhydrite	2016	+629
Base Anhydrite	2044	+601
Heebner Sh	3956	-1311
Lansing-KC	3995	-1350
Stark Sh	4259	-1614
Base KC	4336	-1691
Altamont	4401	-1756
Pawnee	4467	-1822
Fort Scott	4517	-1872
Cherokee	4540	-1895
Mississippi	4619	-1974



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Larson Engineering Inc.

McLeish "B" #3-24

562 WState Rd. 4
Olmitz, Ks 67564

24 18s 27w

Job Ticket: 39501

DST#: 1

ATTN: Bob Lew ellyn

Test Start: 2010.10.16 @ 00:09:30

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:00:15

Time Test Ended: 08:43:15

Test Type: Conventional Bottom Hole

Tester: Brad Walter

Unit No: 28

Interval: 4387.00 ft (KB) To 4452.00 ft (KB) (TVD)

Reference Elevations: 2645.00 ft (KB)

Total Depth: 4452.00 ft (KB) (TVD)

2638.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6753

Inside

Press @ RunDepth: 41.43 psig @ 4388.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.16

End Date: 2010.10.16

Last Calib.: 2010.10.16

Start Time: 00:09:35

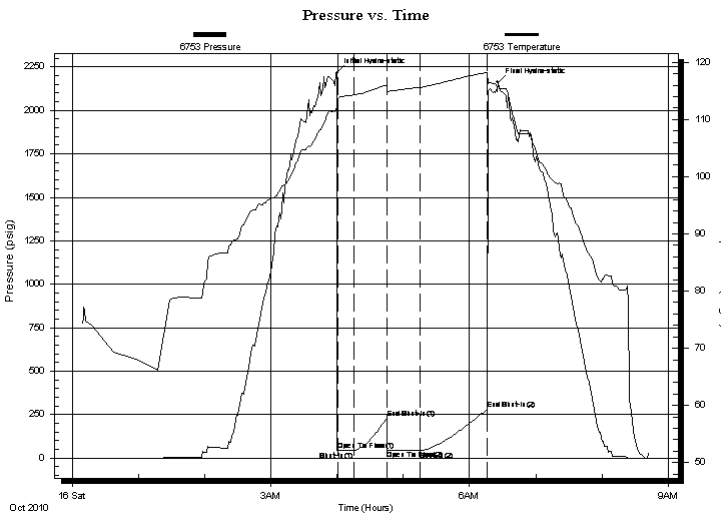
End Time: 08:43:15

Time On Btm: 2010.10.16 @ 04:00:00

Time Off Btm: 2010.10.16 @ 06:25:30

TEST COMMENT: IF: 1 1/2 blow .
IS: No return.
FF: No blow .
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.10	111.97	Initial Hydro-static
1	44.19	112.61	Open To Flow (1)
16	41.71	114.27	Shut-In(1)
45	231.42	116.07	End Shut-In(1)
46	44.52	114.83	Open To Flow (2)
76	41.43	115.59	Shut-In(2)
136	279.71	118.25	End Shut-In(2)
146	2162.05	115.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud 100% m	0.10

Gas Rates

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



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TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering Inc.

McLeish "B" #3-24

562 WState Rd. 4
Olmitz, Ks 67564

24 18s 27w

Job Ticket: 39501

DST#: 1

ATTN: Bob Lew ellyn

Test Start: 2010.10.16 @ 00:09:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud 100% m	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

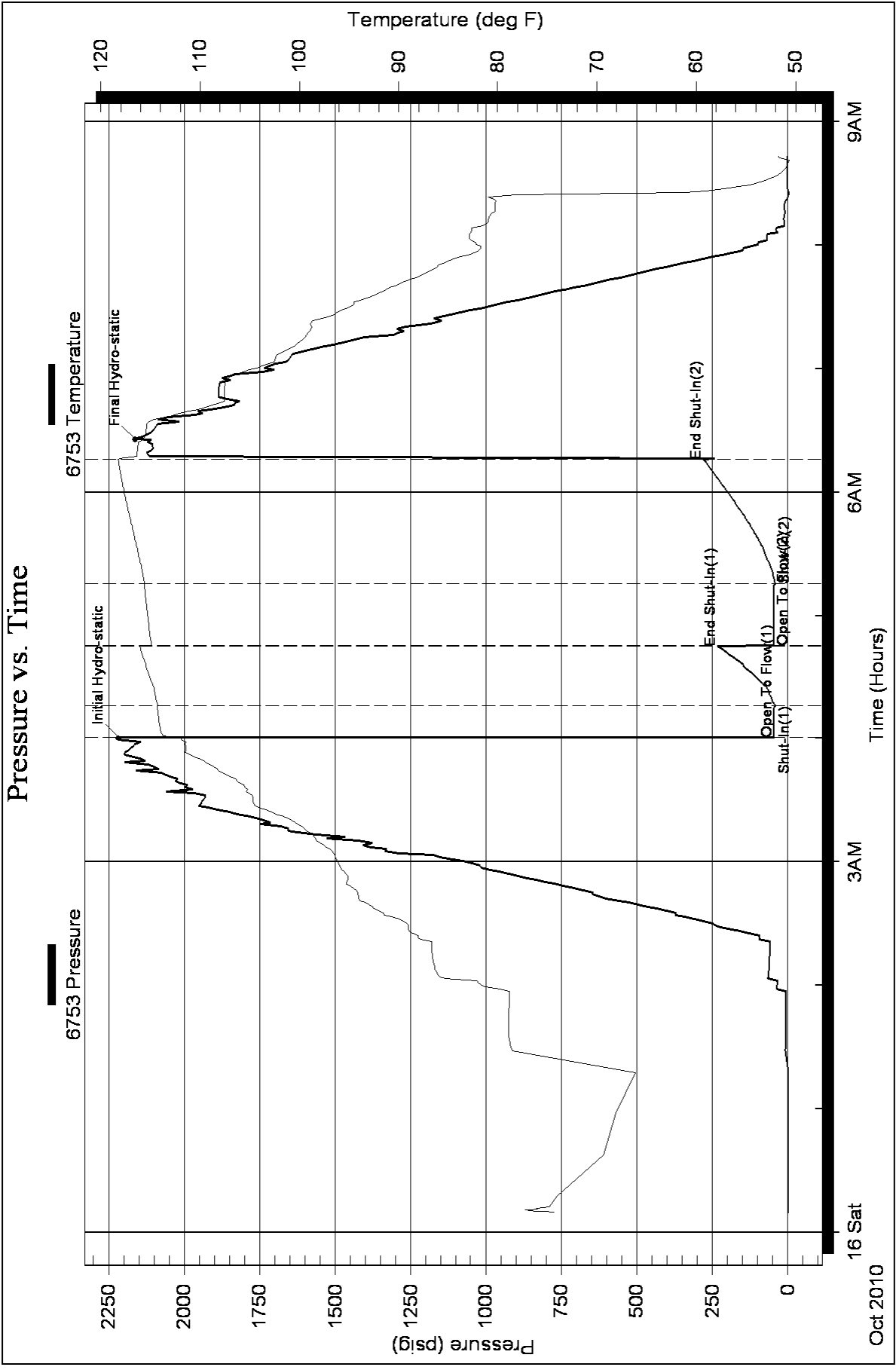
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Larson Engineering Inc.

McLeish "B" #3-24

562 WState Rd. 4
Olmitz, Ks 67564

24 18s 27w

Job Ticket: 39502

DST#: 2

ATTN: Bob Lew ellyn

Test Start: 2010.10.17 @ 05:26:30

GENERAL INFORMATION:

Formation: **Pawnee - Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:52:45

Time Test Ended: 14:11:15

Test Type: Conventional Bottom Hole

Tester: Brad Walter

Unit No: 28

Interval: 4452.00 ft (KB) To 4555.00 ft (KB) (TVD)

Reference Elevations: 2645.00 ft (KB)

Total Depth: 4555.00 ft (KB) (TVD)

2638.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6753 Inside

Press @RunDepth: 28.54 psig @ 4458.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.17

End Date:

2010.10.17

Last Calib.: 2010.10.17

Start Time: 05:26:35

End Time:

14:11:15

Time On Btm: 2010.10.17 @ 09:52:30

Time Off Btm: 2010.10.17 @ 12:09:45

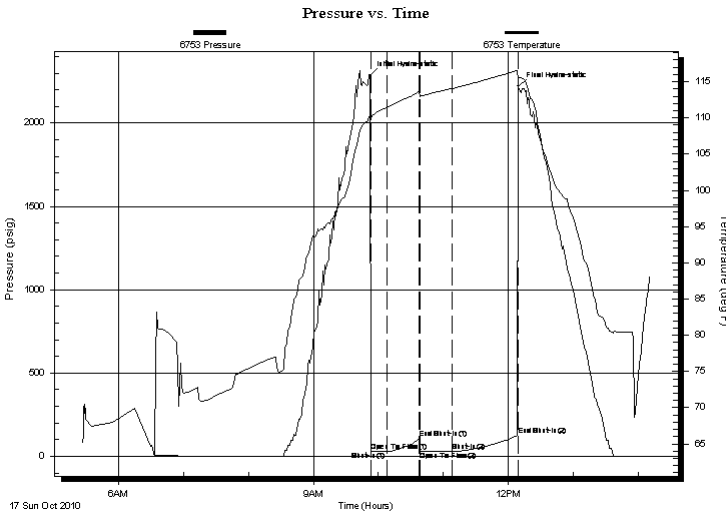
TEST COMMENT: IF: 1/2 inch blow .

IS: No return.

FF: No blow .

FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2284.48	110.22	Initial Hydro-static
1	27.33	109.81	Open To Flow (1)
15	27.13	111.44	Shut-In(1)
46	108.70	113.65	End Shut-In(1)
46	27.59	112.98	Open To Flow (2)
76	28.54	114.07	Shut-In(2)
137	126.22	116.56	End Shut-In(2)
138	2219.53	115.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	Mud 100%m	0.03

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering Inc.

McLeish "B" #3-24

562 WState Rd. 4
Olmitz, Ks 67564

24 18s 27w

Job Ticket: 39502

DST#: 2

ATTN: Bob Lew ellyn

Test Start: 2010.10.17 @ 05:26:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
6.00	Mud 100%m	0.030

Total Length: 6.00 ft Total Volume: 0.030 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

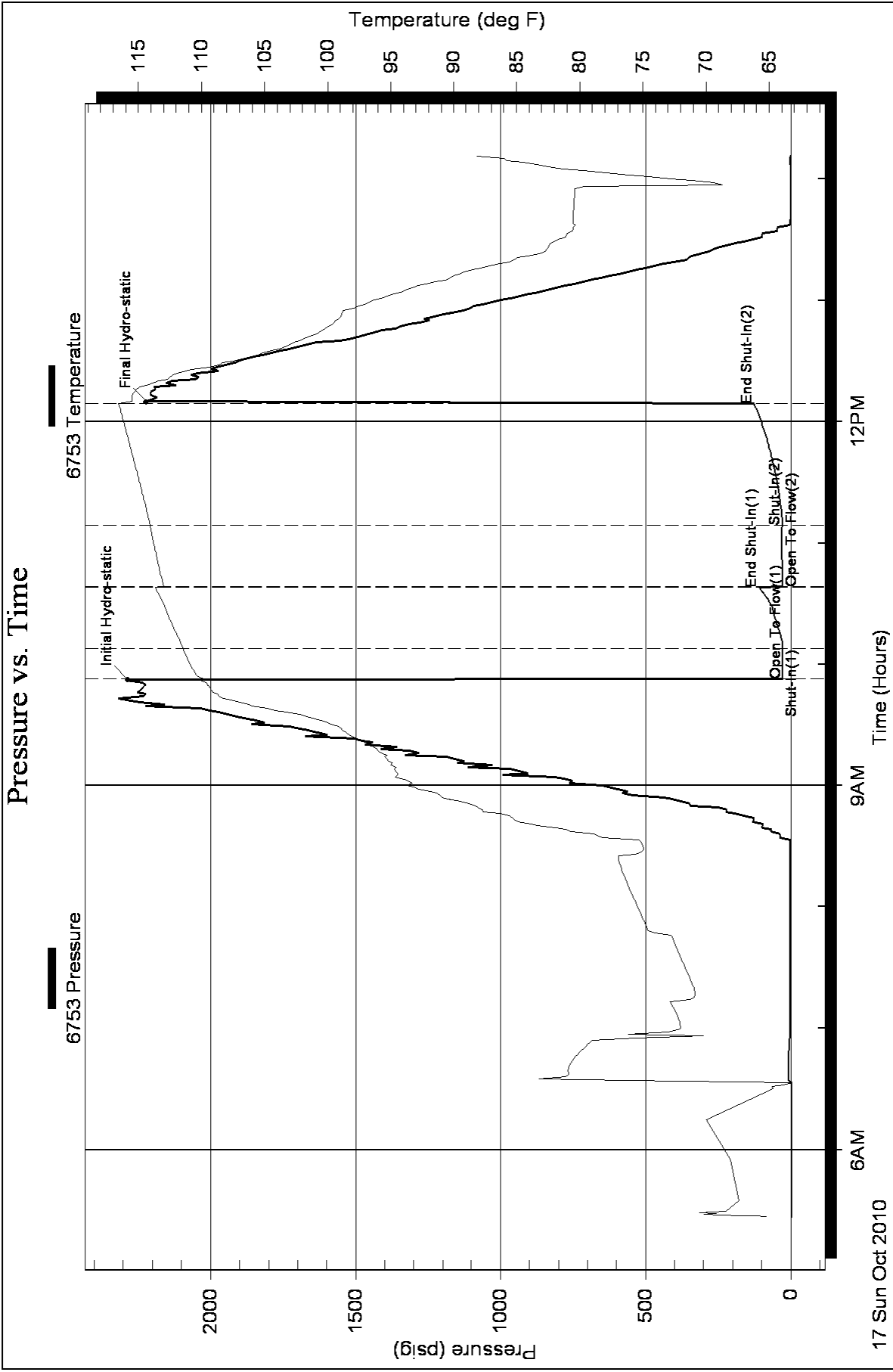
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Larson Engineering Inc.

McLeish "B" #3-24

562 WState Rd. 4
Olmitz, Ks 67564

24 18s 27w

Job Ticket: 39503

DST#: 3

ATTN: Bob Lew ellyn

Test Start: 2010.10.18 @ 17:06:30

GENERAL INFORMATION:

Formation: **Cherokee - Mississipp**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:11:30

Time Test Ended: 23:50:15

Test Type: Conventional Straddle

Tester: Brad Walter

Unit No: 28

Interval: 4538.00 ft (KB) To 4646.00 ft (KB) (TVD)

Reference Elevations: 2645.00 ft (KB)

Total Depth: 4660.00 ft (KB) (TVD)

2638.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6753

Inside

Press @ Run Depth: 118.60 psig @ 4636.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.18

End Date:

2010.10.18

Last Calib.:

2010.10.19

Start Time: 17:06:35

End Time:

23:50:14

Time On Btm:

2010.10.18 @ 19:09:45

Time Off Btm:

2010.10.18 @ 21:27:45

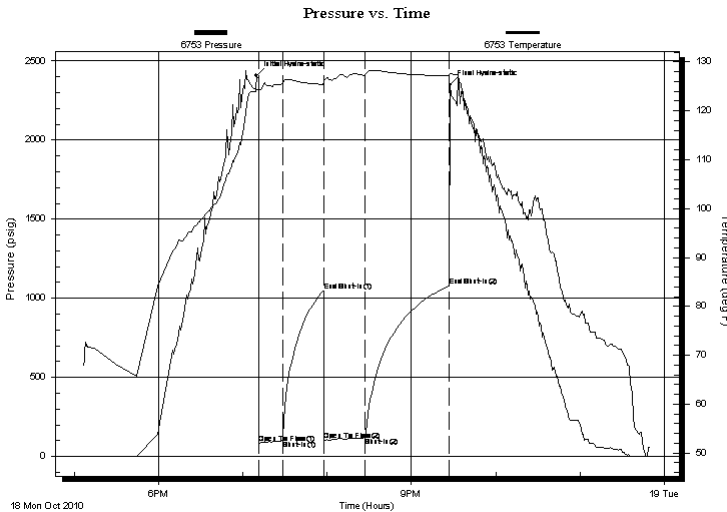
TEST COMMENT: IF: 2 inch blow .

ISI No return.

FF: Surface blow @ 10 minutes.

FSI: No return.

PRESSURE SUMMARY



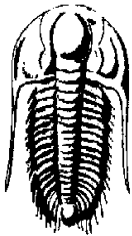
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2408.44	124.26	Initial Hydro-static
2	81.56	124.15	Open To Flow (1)
19	98.94	125.50	Shut-In(1)
48	1048.81	125.43	End Shut-In(1)
48	101.98	125.97	Open To Flow (2)
78	118.60	127.34	Shut-In(2)
138	1079.21	127.21	End Shut-In(2)
138	2348.83	127.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
78.00	Mud 100% m	0.38

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Larson Engineering Inc.

McLeish "B" #3-24

562 WState Rd. 4
Olmitz, Ks 67564

24 18s 27w

Job Ticket: 39503

DST#: 3

ATTN: Bob Lew ellyn

Test Start: 2010.10.18 @ 17:06:30

GENERAL INFORMATION:

Formation: **Cherokee - Mississipp**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:11:30

Time Test Ended: 23:50:15

Test Type: Conventional Straddle

Tester: Brad Walter

Unit No: 28

Interval: 4538.00 ft (KB) To 4646.00 ft (KB) (TVD)

Reference Elevations: 2645.00 ft (KB)

Total Depth: 4660.00 ft (KB) (TVD)

2638.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8371

Inside

Press @ Run Depth: psig @ 4636.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.18

End Date:

2010.10.18

Last Calib.:

2010.10.19

Start Time: 17:59:41

End Time:

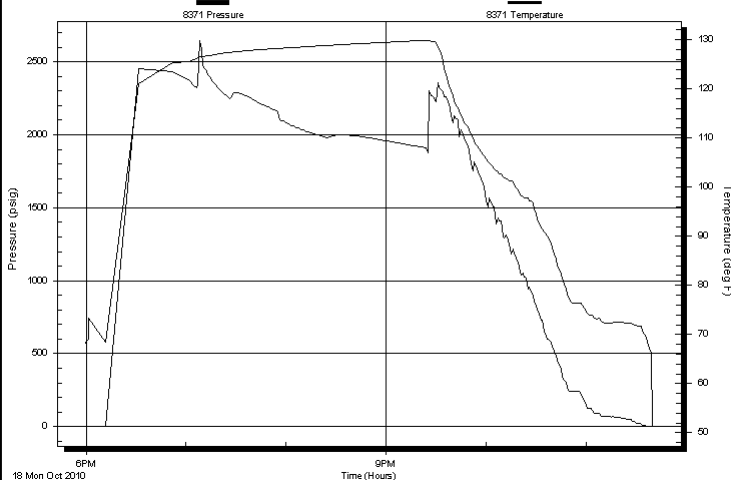
23:40:40

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 2 inch blow.
ISI No return.
FF: Surface blow @ 10 minutes.
FSI: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
78.00	Mud 100% m	0.38

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering Inc.

McLeish "B" #3-24

562 WState Rd. 4
Olmitz, Ks 67564

24 18s 27w

Job Ticket: 39503

DST#: 3

ATTN: Bob Lew ellyn

Test Start: 2010.10.18 @ 17:06:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 15200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
78.00	Mud 100%m	0.384

Total Length: 78.00 ft Total Volume: 0.384 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

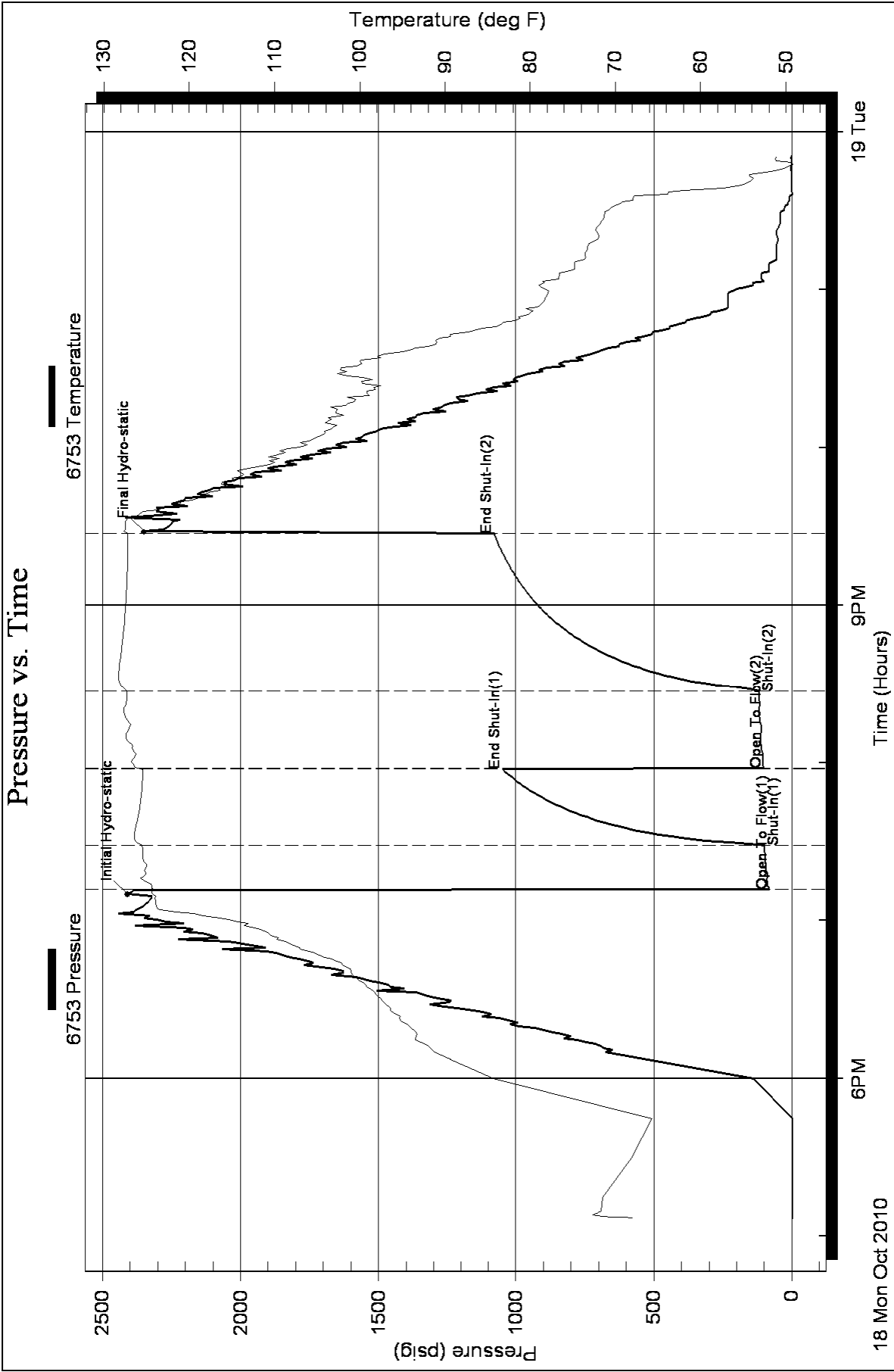
Serial #:

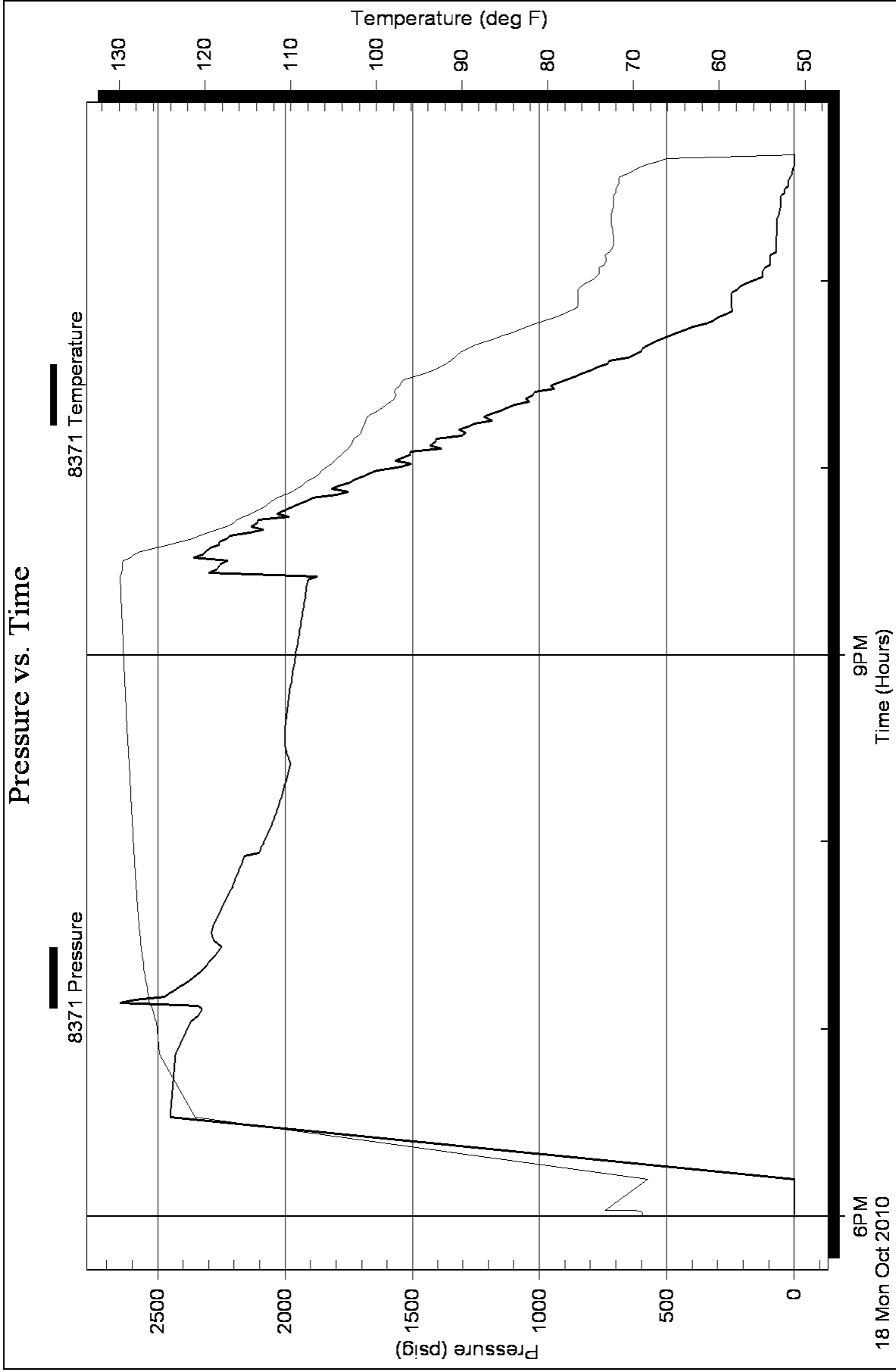
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





Robert C. Lewellyn

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Kechi, KS 67067-0375
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Cell 316-518-0495
boblewellyn@yahoo.com

GEOLOGICAL REPORT

Larson Engineering, Inc.

McLeish "B" No. 3-24
930' FSL & 638' FEL Sec. 24-18S-27W
Lane County, Kansas

CONTRACTOR: H D Drilling, LLC, Rig No. 3
SPUDDED: October 08, 2010
DRILLING COMPLETED: October 19, 2010
SURFACE CASING: 8 5/8" @ 256 KBM/175 sx,
ELECTRIC LOGS: Log-Tech DIL CNL/CDL MEL
ELEVATIONS: 2645 KB 2638 GL

FORMATION TOPS (Electric Log):

Anhydrite	2016 (+ 629)
Base Anhydrite	2044 (+ 601)
Heebner Shale	3956 (-1311)
Lansing-Kansas City Group	3995 (-1350)
Muncie Creek Shale	4158 (-1513)
Stark Shale	4259 (-1614)
Hushpuckney shale	4300 (-1655)
Base Kansas City	4336 (-1691)
Altamont	4401 (-1756)
Pawnee	4467 (-1822)
Fort Scott	4517 (-1872)
Cherokee	4540 (-1895)
Mississippian	4619 (-1974)
Cherokee Sand	absent
Electric Log Total Depth	4660 (-2015)

Samples were examined microscopically from 3800 to Rotary Total Depth. Samples were examined wet and dry and samples from potentially productive zones were viewed under a fluoroscope and checked for oil cut. Following is a description of zones of interest, Drill Stem Tests, etc. For a complete lithologic description of all formations, refer to the sample log in the back pages of this report.

Lansing-Kansas City Zones:

3997-3999 & 4005-4019(A Zone)

Limestone, cream to buff, much chalky and dense with scattered finely crystalline, some slightly fossiliferous, scattered poor intercrystalline porosity, no show of oil.

4024-4031 (B Zone)

Limestone, cream to buff, some tan, dense to finely crystalline, much chalky, trace of oolitic, poor scattered intercrystalline and interoolitic porosity, no show of oil.

4038-4053 (C Zone)

Limestone, buff, dense with cream chalky, some scattered finely crystalline, zone is mostly tight with no shows of oil. Some scattered light gray chert.

4056-4076 (D Zone)

Limestone, buff to tan with much cream chalky, some dense and finely crystalline and scattered light grey chert, zone is mostly tight with no shows of oil.

4078-4083 (E Zone)

Limestone, buff, some tan and brown, dense to finely crystalline, some cream chalky limestone, trace of white to light grey chert, zone is mostly tight with no shows of oil.

4086-4094 (F Zone)

Limestone, cream to buff, finely crystalline and chalky, partly oolitic, slightly fossiliferous, trace of very poor intercrystalline and interoolitic porosity with scattered traces of dead stain, no shows of live oil.

4104-4123 (G Zone)

Limestone, cream to buff, finely crystalline and partly oolitic, partly chalky, poor scattered oolitic porosity, no show of oil, some scattered white chert. Lower portion becomes mostly dense and chalky limestone with occasional streaks of finely crystalline with poor intercrystalline porosity, no shows.

4172-4178 (H Zone)

Limestone, cream and buff to tan and brown, dense to finely crystalline, some chalky, zone is mostly tight with only a trace of very poor intercrystalline porosity, zone becomes dense in lower part, no show of oil.

4204-4207 (I Zone)

Limestone, very slightly dolomitic, cream to buff, finely crystalline with some chalky, scattered poor intercrystalline porosity, no shows of oil.

4239-4242 (J Zone)

Limestone, cream to buff, finely crystalline and partly oolitic, zone contains some poor oolitic porosity but is mostly tight, zone contains no shows of oil.

4272-4279 (K Zone)

Limestone, buff to tan, some brown with some mottled, dense to finely crystalline, slightly fossiliferous and partly oolitic, trace of poor scattered intercrystalline and interoolitic porosity, no shows of oil.

4305-4308 & 4321-4325 (L Zone)

Limestone, cream to buff, some tan, dense to finely crystalline and mealy, some chalky, scattered very poor intercrystalline porosity, no shows of oil.

4336-4371 (Pleasanton Zone)

The pleasanton section consisted of limestones, cream to buff to tan with some mottled lime, dense to finely crystalline, partly chalky, with poor scattered intercrystalline porosity and no shows of oil.

4381-4398 (Lenapah Zone)

Limestone, buff to tan and brown, dense, some finely crystalline, some tan chert, zone is mostly tight with no shows of oil.

4400-4403, 4423-4424 & 4442-4443 (Altamont Zone)

Top section was limestone, cream, finely crystalline and slightly chalky with poor intercrystalline porosity, poor light spotted stain, very slight show of free oil, no odor, no fluorescence, no cut. Middle section was limestone, yellowish buff, dense to finely crystalline, partly fossiliferous, oolitic in part, scattered fair interoolitic and intercrystalline porosity, some fossil cast porosity, fair spotted stain, slight show of free oil, faint to fair odor, poor fluorescence, poor to fair cut. Lower section was limestone,

cream to buff, dense to finely crystalline, poor intercrystalline porosity, poor spotted stain, very slight show of free oil, faint fleeting odor, poor fluorescence, poor cut.

Drill Stem Test No. 1 4387-4452

15-30-30-60; built to 1 ½" blow on first flow period; blow did not return on second flow period; recovered 20 feet of mud. ISIP 231# FSIP 280# IFP 44-42# FFP 45-41# IHP 2216# FHP 2161# BHT 118.5 degrees.

4467-4469 (Pawnee Zone)

Limestone, buff to tan, some brown, dense to finely crystalline and slightly oolitic, scattered poor intercrystalline and interoolitic porosity, poor spotted stain, very slight show of free oil, faint fleeting odor, poor fluorescence, poor cut.

4517-4540 (Fort Scott Zone)

Limestone, buff to tan, some brown, some mottled, dense to finely crystalline, partly oolitic, scattered poor to fair intercrystalline and interoolitic porosity, poor to fair spotted stain, slight show of free oil, faint odor, fair cut.

Drill Stem Test No. 2 4452-4555

15-30-30-60; one-half inch blow throughout first flow period; blow did not return on second flow; recovered six feet of mud with oil spots in tool. ISIP 109# FSIP 126# IFP 27-27# FFP 28-29# IHP 2284# FHP 2220# BHT 117 degrees.

4572-4588 (Johnson Zone)

Limestone, buff to tan, dense, some finely crystalline, trace of chalky, some slightly fossiliferous, zone is mostly tight with trace of dead stain, no show of live oil.

4542-4619 (Detrital Zone)

Various and varicolored shales with scattered fragments of chert, along with only four or five clusters of very fine-grained, tight, white sand. The sand contained no shows except for a rare trace of very light spotted stain.

4619-4644 (Mississippian Zone)

Dolomite and dolomitic limestone, broken porosity streaks, fine to medium crystalline with fair intercrystalline and small vug porosity, good spotted stain, good show of gassy free oil, good odor, fair fluorescence, good cut.

Drill Stem Test No. 3 4538-4646

15-30-30-60; built to two-inch blow on first flow; surface blow after ten minutes on second flow remained through flow period; recovered 78 feet of mud. ISIP 1049# FSIP 1079# IFP 82-99# FFP 102-109# BHT 127 degrees.

4644-4660

The remainder of the Mississippian consisted of dolomite and dolomitic lime as above with streaks of poor to fair intercrystalline porosity and no shows of oil.

4660

Rotary Total Depth

Conclusions and Recommendations:

Sample examination, drill stem testing, and electric logging failed to reveal any zones of potential commercial production of oil or gas. It was therefore recommended that the McLeish "B" No. 3-24 be plugged and abandoned.

Respectfully submitted,

Robert C. Lewellyn
Petroleum Geologist

RCL:me

ALLIED CEMENTING CO., LLC. 042004

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>10-9-10</u>	SEC. <u>24</u>	TWP. <u>18</u>	RANGE <u>27</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00am</u>	JOB FINISH <u>1:15am</u>
McLeish "B" LEASE		WELL # <u>3-24</u>		LOCATION <u>Ness City west to Ness & Lane</u>		COUNTY <u>Lane</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)			County Line South into.				

CONTRACTOR H&D Drilling Rig #3

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 261'

CASING SIZE 8 3/8 DEPTH 261'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 15.6 Bbl

OWNER _____

CEMENT AMOUNT ORDERED 175 com 3% cc 2% Gel

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts

417 HELPER Richard TWS

BULK TRUCK

394-287 DRIVER Allen Oakley

BULK TRUCK

_____ DRIVER _____

COMMON	<u>175</u>	@	<u>1350</u>	<u>2362⁵⁰</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20²⁵</u>	<u>60⁷⁵</u>
CHLORIDE	<u>6</u>	@	<u>51⁵⁰</u>	<u>309⁰⁰</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>175</u>	@	<u>2²⁵</u>	<u>393²⁵</u>
MILEAGE	<u>.100/56/mile</u>		Min. Charge	<u>300⁰⁰</u>
TOTAL				<u>3426⁰⁰</u>

REMARKS:

Est. Circulation

Mix 175sk cement

Displace w/ 15.6 Bbl H₂O

Cement Did Circulate!

Thank You!

CHARGE TO: Larson Engineering Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE			<u>991⁰⁰</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>17</u>	@	<u>7⁰⁰</u> <u>119⁰⁰</u>	
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1,110⁰⁰</u>

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL			_____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME LEWAYNE TRESNER

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES [Redacted]

DISCOUNT [Redacted] IF PAID IN 30 DAYS

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



phone: 316-337-6200
fax: 316-337-6211
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

February 04, 2011

Thomas Larson
Larson Engineering, Inc. dba Larson Operating
Company
562 W STATE RD 4
OLMITZ, KS 67564-8561

Re: ACO1
API 15-101-22259-00-00
McLeish 'B' 3-24
SE/4 Sec.24-18S-27W
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Thomas Larson