



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1076375
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1076375

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	BELL 'A' 1-7
Doc ID	1076375

All Electric Logs Run

CDL/CNL
DIL
BHCS
Microresistivity
CPI
Sector Bond Log

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	BELL 'A' 1-7
Doc ID	1076375

Tops

Name	Top	Datum
Herrington	2101	-246
Winfield	2156	-303
Towanda	2222	-367
Fort Riley	2274	-419
Wrefold	2403	-548
Council Grove	2429	-574
Neva	2620	-765
Stotler	3052	-1197
Topeka	3351	-1496
Heebner	3736	-1881
Lansing Kansas City	3941	-2086
BKC	4324	-2469
Marmaton	4328	-2473
Mississippi	4396	-2541
Kinderhook Chert	4404	-2549
Kinderhook Shale	4449	-2594
Kinderhook Sand	4597	-2742
Viola	4486	-2631
Viola Chert	4497	-2642
Simpson Shale	4580	-2725
Simpson Sand	4597	-2742
Arbuckle	4680	-2825
RTD	4875	-3020



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Rene Husted

Bell "A" #1-7

7-30s-13w Barber

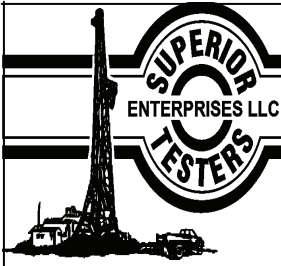
Start Date: 2012.02.08 @ 00:00:00

End Date: 2012.02.08 @ 00:00:00

Job Ticket #: 15856 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.02.08 @ 06:41:46



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15856

DST#: 1

ATTN: Rene Husted

Test Start: 2012.02.08 @ 00:00:00

GENERAL INFORMATION:

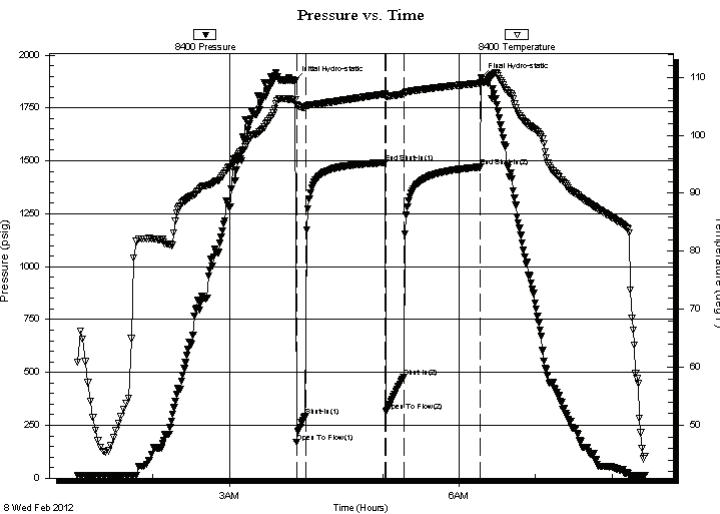
Formation: **Douglas**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3763.00 ft (KB) To 3833.00 ft (KB) (TVD)**
 Total Depth: 3833.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335-
 Reference Elevations: 1855.00 ft (KB)
 1842.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8400

Inside

Press@RunDepth: 1470.17 psig @ 3828.83 ft (KB) Capacity: 5000.00 psig
 Start Date: 2012.02.08 End Date: 2012.02.08 Last Calib.: 2012.02.08
 Start Time: 01:00:00 End Time: 08:26:00 Time On Btm: 2012.02.08 @ 03:51:30
 Time Off Btm: 2012.02.08 @ 06:17:30

TEST COMMENT: 1st Opening 5 Minutes-Good blow built to the bottom of a 5 gallon bucket in 4 minutes
 1st Shut-In 60 Minutes-No blow back
 2nd Opening 15 Minutes-Good Blow built to the bottom of a 5 gallon bucket in 6 minutes
 2nd Shut-In 60 Minutes-No blow back



PRESSURE SUMMARY

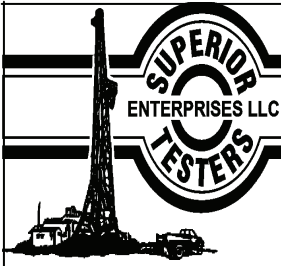
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1880.08	106.14	Initial Hydro-static
1	169.89	105.18	Open To Flow (1)
8	293.48	104.80	Shut-In(1)
71	1491.20	107.11	End Shut-In(1)
71	314.92	106.66	Open To Flow (2)
85	478.44	107.09	Shut-In(2)
145	1470.17	108.98	End Shut-In(2)
146	1891.83	109.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	Drilling Mud	0.39
240.00	Muddy Water	2.46
0.00	30% Mud 70% Water	0.00
240.00	Slightly Muddy Water	3.37
0.00	10% Mud 90% Water	0.00
240.00	Water 5% Mud 95% Water	3.37

Gas Rates

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



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15856

DST#: 1

ATTN: Rene Husted

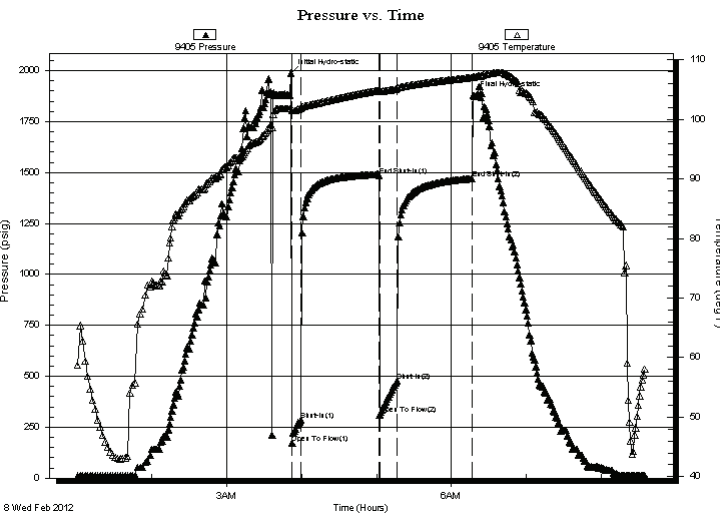
Test Start: 2012.02.08 @ 00:00:00

GENERAL INFORMATION:

Formation: **Douglas**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3763.00 ft (KB) To 3833.00 ft (KB) (TVD)**
 Total Depth: 3833.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335-
 Reference Elevations: 1855.00 ft (KB)
 1842.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 9405 Outside
 Press@RunDepth: 1469.05 psig @ 3829.83 ft (KB) Capacity: 5000.00 psig
 Start Date: 2012.02.08 End Date: 2012.02.08 Last Calib.: 2012.02.08
 Start Time: 01:00:00 End Time: 08:35:00 Time On Btm: 2012.02.08 @ 03:51:30
 Time Off Btm: 2012.02.08 @ 06:17:30

TEST COMMENT: 1st Opening 5 Minutes-Good blow built to the bottom of a 5 gallon bucket in 4 minutes
 1st Shut-In 60 Minutes-No blow back
 2nd Opening 15 Minutes-Good Blow built to the bottom of a 5 gallon bucket in 6 minutes
 2nd Shut-In 60 Minutes-No blow back



PRESSURE SUMMARY

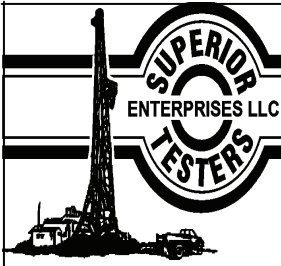
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1987.02	101.86	Initial Hydro-static
1	170.92	101.44	Open To Flow (1)
8	286.80	101.88	Shut-In(1)
71	1482.18	104.89	End Shut-In(1)
71	311.85	104.69	Open To Flow (2)
85	478.19	105.15	Shut-In(2)
145	1469.05	107.06	End Shut-In(2)
146	1876.67	107.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	Drilling Mud	0.39
240.00	Muddy Water	2.46
0.00	30% Mud 70% Water	0.00
240.00	Slightly Muddy Water	3.37
0.00	10% Mud 90% Water	0.00
240.00	Water 5% Mud 95% Water	3.37

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15856

DST#: 1

ATTN: Rene Husted

Test Start: 2012.02.08 @ 00:00:00

Tool Information

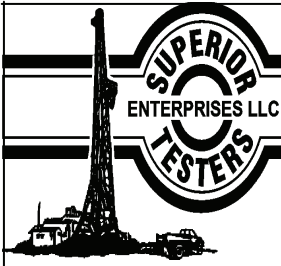
Drill Pipe:	Length: 3583.00 ft	Diameter: 3.80 inches	Volume: 50.26 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 51.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3763.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	69.83 ft			
Tool Length:	97.83 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut-In Tool	5.00			3740.00	
Hydraulic Tool	5.00			3745.00	
Jars	6.00			3751.00	
Safety Joint	2.00			3753.00	
Packer	5.00			3758.00	28.00 Bottom Of Top Packer
Packer	5.00			3763.00	
Anchor	1.00			3764.00	
Change Over Sub	0.75			3764.75	
Drill Pipe	31.33			3796.08	
Change Over Sub	0.75			3796.83	
Anchor	31.00			3827.83	
Recorder	1.00	8400	Inside	3828.83	
Recorder	1.00	9405	Outside	3829.83	
Bull Plug	3.00			3832.83	69.83 Bottom Packers & Anchor

Total Tool Length: 97.83



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15856

DST#: 1

ATTN: Rene Husted

Test Start: 2012.02.08 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 8.79 in³
Resistivity: ohm.m
Salinity: 5700.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	Drilling Mud	0.393
240.00	Muddy Water	2.456
0.00	30% Mud 70% Water	0.000
240.00	Slightly Muddy Water	3.367
0.00	10% Mud 90% Water	0.000
240.00	Water 5% Mud 95% Water	3.367
0.00	Chlorides 92,000	0.000
0.00	Resistivity .1 @78 degrees	0.000

Total Length: 800.00 ft Total Volume: 9.583 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

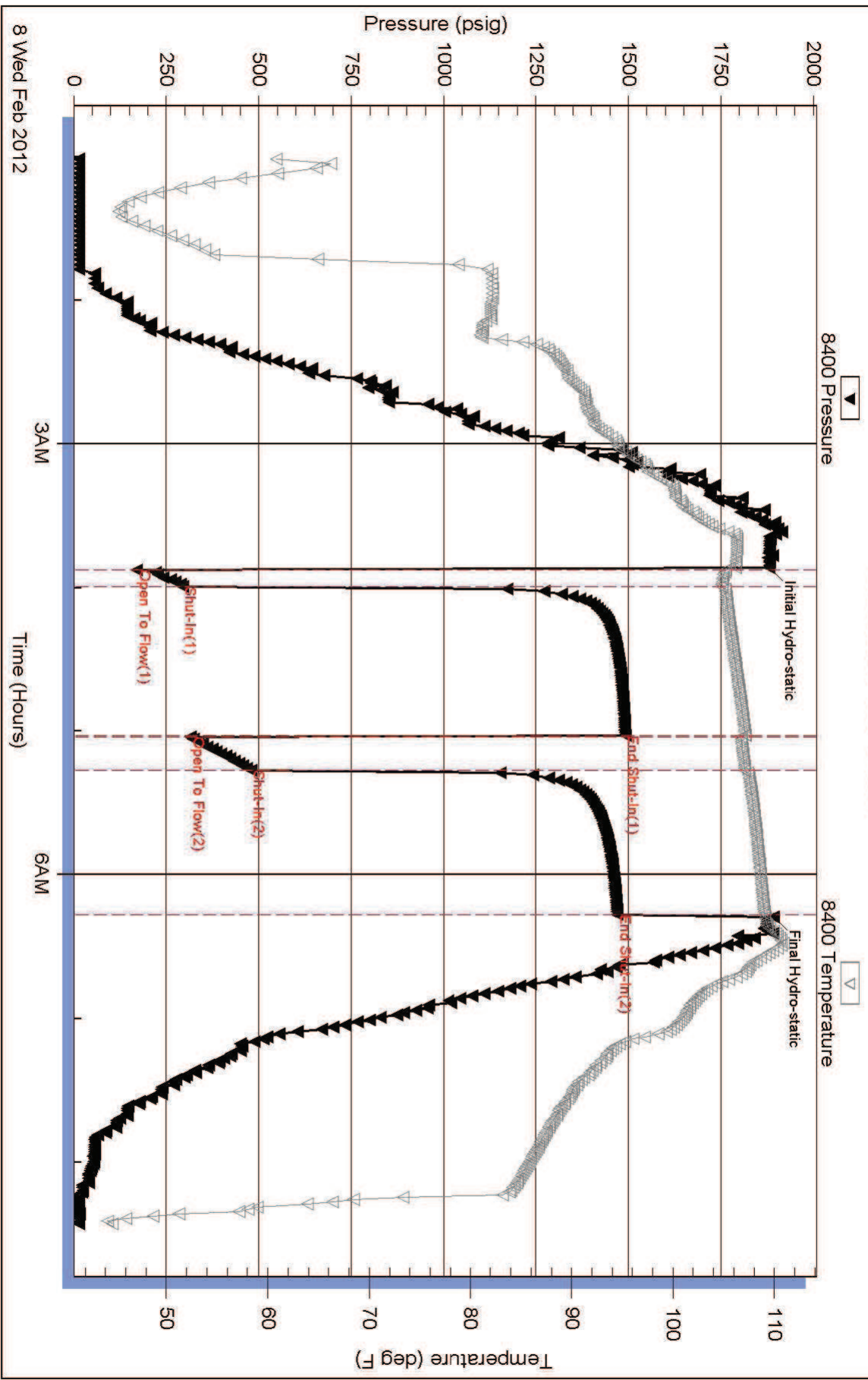
Serial #:

Laboratory Name:

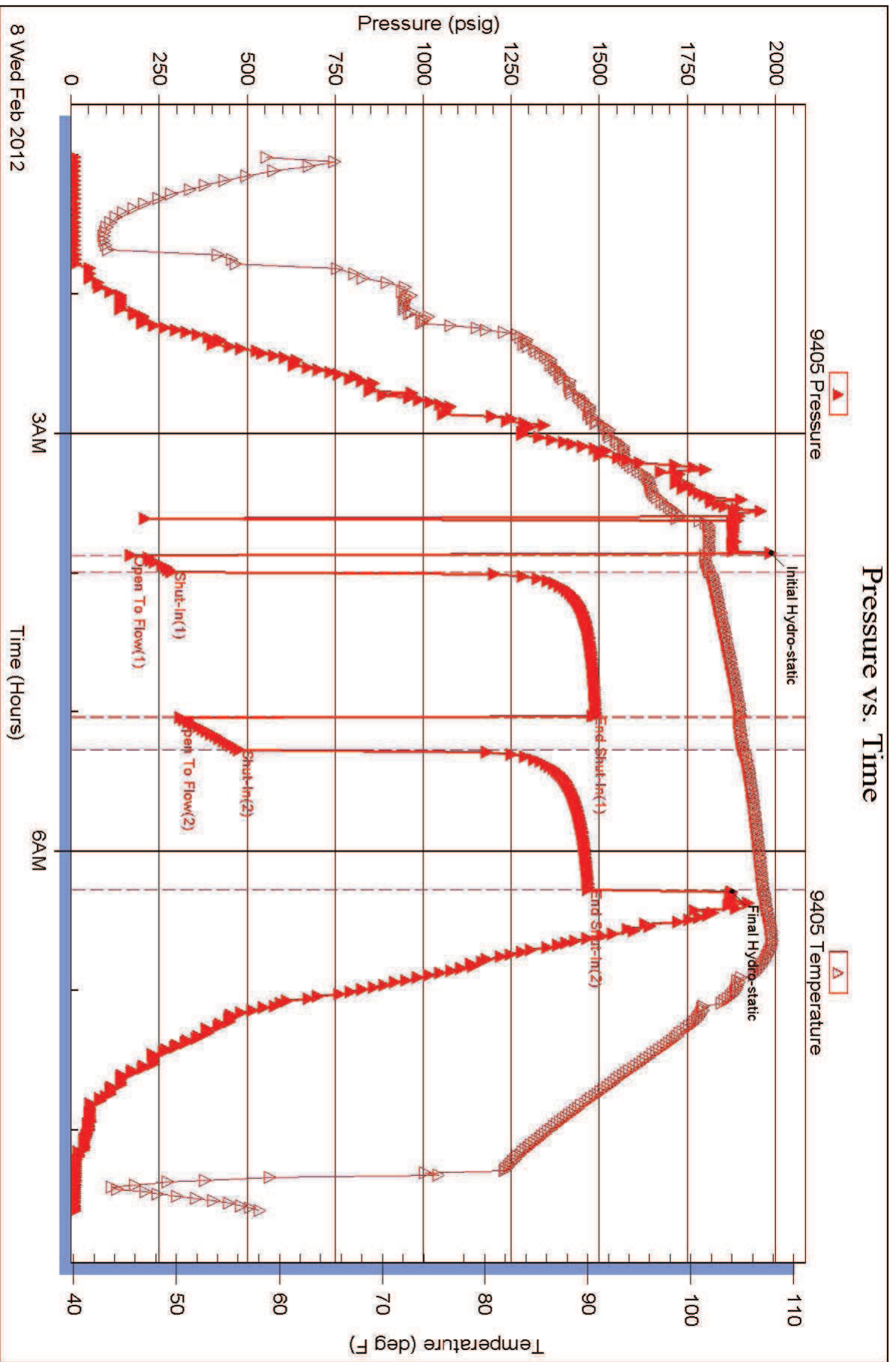
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Rene Husted

Bell "A" #1-7

7-30s-13w Barber

Start Date: 2012.02.09 @ 06:30:00

End Date: 2012.02.09 @ 00:00:00

Job Ticket #: 15860 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.02.09 @ 22:56:06



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15860

DST#: 2

ATTN: Rene Husted

Test Start: 2012.02.09 @ 06:30:00

GENERAL INFORMATION:

Formation: **Kansas City "I" Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig-44 Pratt

Unit No: 3335

Interval: 4146.00 ft (KB) To 4174.00 ft (KB) (TVD)

Reference Elevations: 1855.00 ft (KB)

Total Depth: 4174.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8405 Outside

Press @ Run Depth: 1471.19 psig @ 4171.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2012.02.09

End Date: 2012.02.09

Last Calib.: 2012.02.09

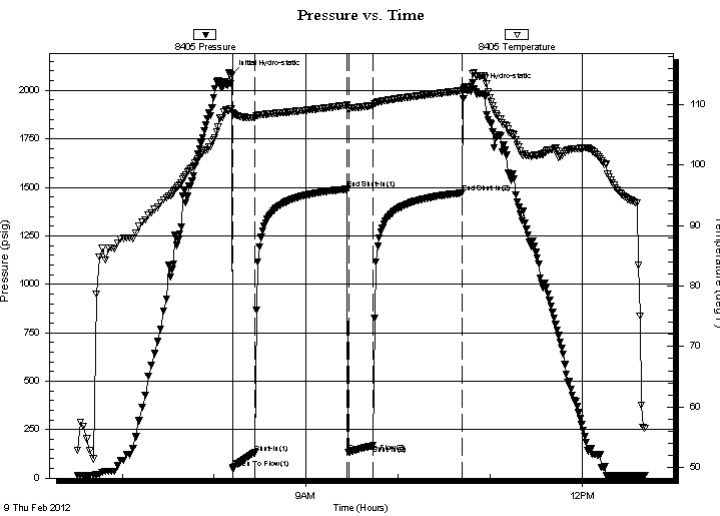
Start Time: 06:30:00

End Time: 12:41:00

Time On Btm: 2012.02.09 @ 08:11:30

Time Off Btm: 2012.02.09 @ 10:43:00

TEST COMMENT: 1st Opening 15 Minutes Weak building blow built to 2 1/2 inches into the water
 1st Shut-In 60 Minutes-No blow back
 2nd Opening 15 Minutes-Weak 1/4 inch blow through out
 2nd Shut-In 60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.42	109.32	Initial Hydro-static
1	49.08	108.56	Open To Flow (1)
15	129.81	107.80	Shut-In(1)
75	1490.32	109.90	End Shut-In(1)
76	134.35	109.43	Open To Flow (2)
92	167.63	109.86	Shut-In(2)
151	1471.19	112.31	End Shut-In(2)
152	2015.15	112.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	drilling mud	0.20
180.00	Muddy water	1.25
0.00	10% Mud 90% Water	0.00
0.00	Chlorides 42000 resistivity 2 @ 58 degree	0.00

Gas Rates

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



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15860

DST#: 2

ATTN: Rene Husted

Test Start: 2012.02.09 @ 06:30:00

GENERAL INFORMATION:

Formation: **Kansas City "I" Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig-44 Pratt

Unit No: 3335

Interval: 4146.00 ft (KB) To 4174.00 ft (KB) (TVD)

Reference Elevations: 1855.00 ft (KB)

Total Depth: 4174.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8400 Inside

Press @ Run Depth: 1471.19 psig @ 4170.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2012.02.09

End Date: 2012.02.09

Last Calib.: 2012.02.09

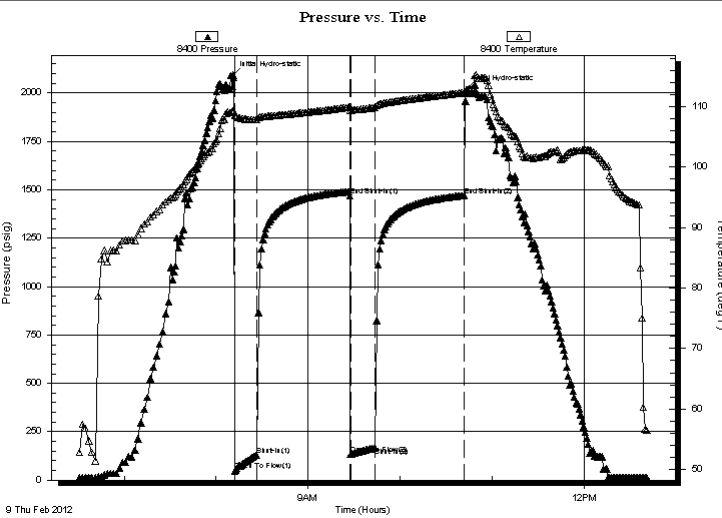
Start Time: 06:30:00

End Time: 12:41:00

Time On Btm: 2012.02.09 @ 08:11:00

Time Off Btm: 2012.02.09 @ 10:43:00

TEST COMMENT: 1st Opening 15 Minutes Weak building blow built to 2 1/2 inches into the water
 1st Shut-In 60 Minutes-No blow back
 2nd Opening 15 Minutes-Weak 1/4 inch blow through out
 2nd Shut-In 60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2092.16	109.38	Initial Hydro-static
1	49.08	108.56	Open To Flow (1)
16	129.81	107.80	Shut-In(1)
76	1469.02	109.90	End Shut-In(1)
77	134.35	109.43	Open To Flow (2)
93	167.63	109.86	Shut-In(2)
151	1471.19	112.31	End Shut-In(2)
152	2015.15	112.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	drilling mud	0.20
180.00	Muddy water	1.25
0.00	10% Mud 90% Water	0.00
0.00	Chlorides 42000 resistivity 2 @ 58 degree	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15860

DST#: 2

ATTN: Rene Husted

Test Start: 2012.02.09 @ 06:30:00

Tool Information

Drill Pipe:	Length: 3961.00 ft	Diameter: 3.80 inches	Volume: 55.56 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4146.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4123.00	
Hydraulic Tool	5.00			4128.00	
Jars	6.00			4134.00	
Safety Joint	2.00			4136.00	
Packer	5.00			4141.00	28.00 Bottom Of Top Packer
Packer	5.00			4146.00	
Anchor	23.00			4169.00	
Recorder	1.00	8400	Inside	4170.00	
Recorder	1.00	8405	Outside	4171.00	
Bull Plug	3.00			4174.00	28.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15860

DST#: 2

ATTN: Rene Husted

Test Start: 2012.02.09 @ 06:30:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 8.80 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	drilling mud	0.197
180.00	Muddy water	1.250
0.00	10% Mud 90% Water	0.000
0.00	Chlorides 42000 resistivity 2 @ 58 degree	0.000

Total Length: 220.00 ft Total Volume: 1.447 bbl

Num Fluid Samples: 0

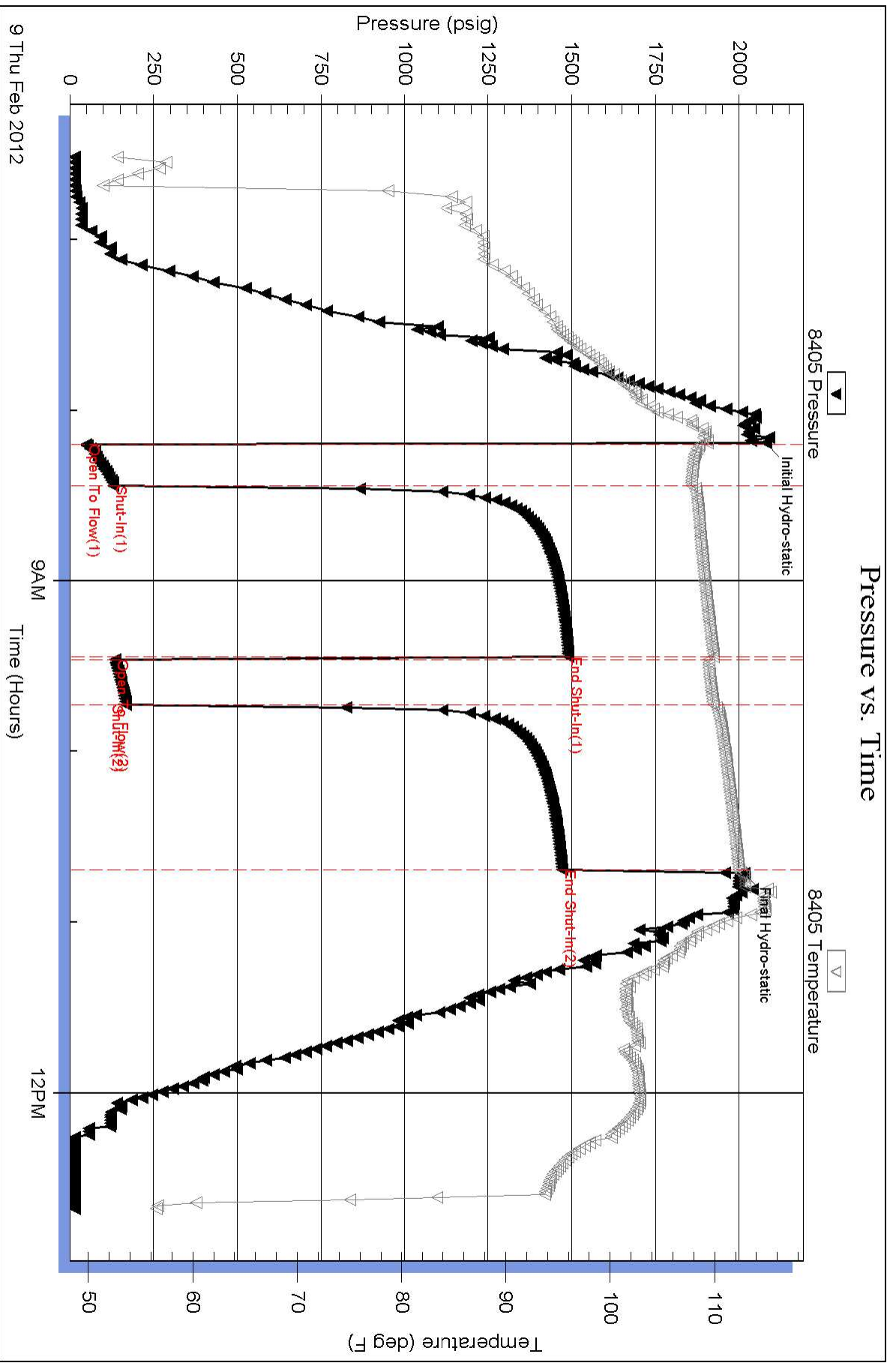
Num Gas Bombs: 0

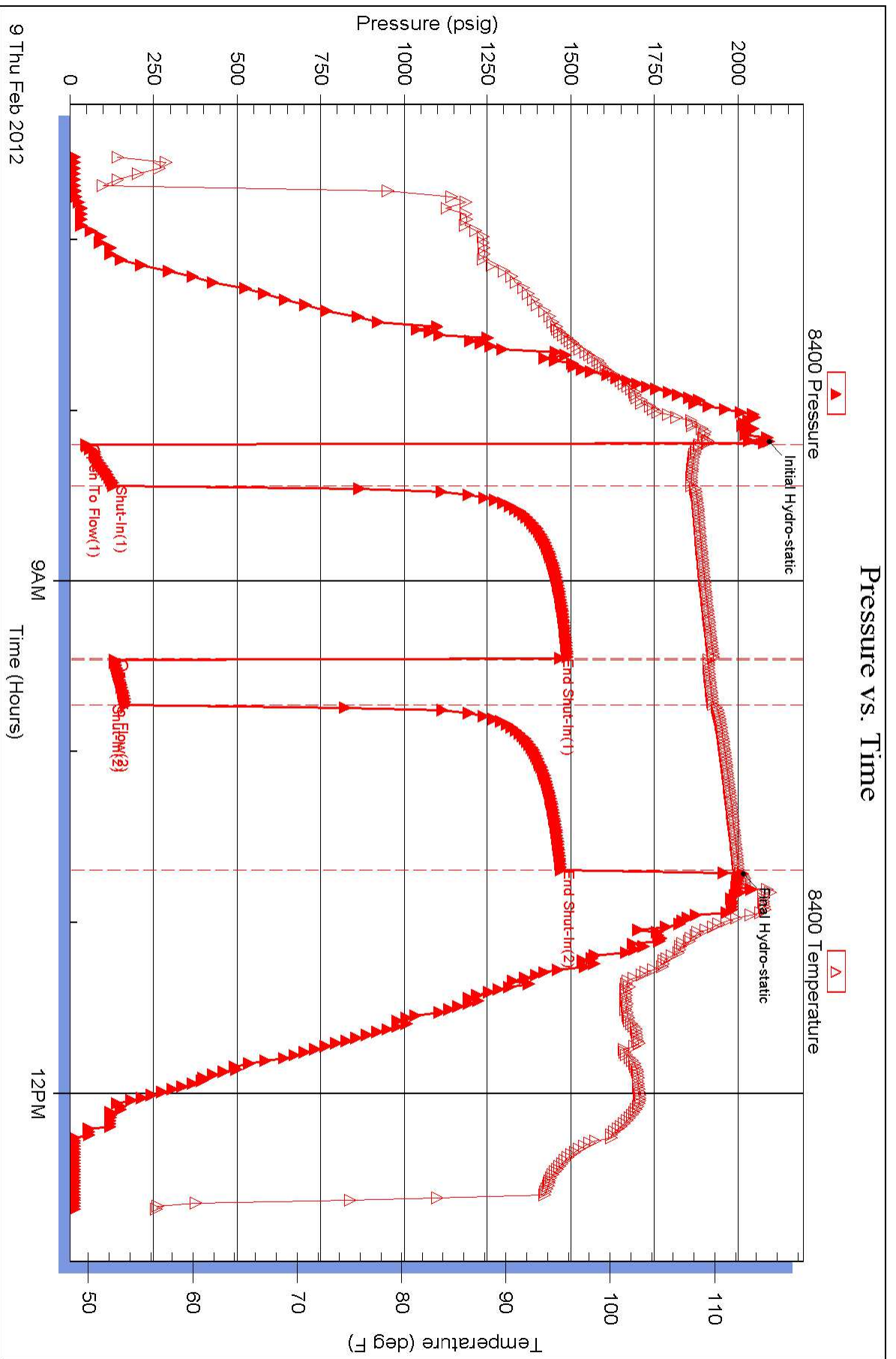
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Rene Husted

Bell "A" #1-7

7-30s-13w Barber

Start Date: 2012.02.11 @ 10:50:00

End Date: 2012.02.11 @ 16:37:00

Job Ticket #: 15861 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.02.11 @ 14:49:46



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15861

DST#: 3

ATTN: Rene Husted

Test Start: 2012.02.11 @ 10:50:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:06:30

Time Test Ended: 16:37:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3335-Pratt -44

Interval: 4370.00 ft (KB) To 4438.00 ft (KB) (TVD)

Reference Elevations: 1855.00 ft (KB)

Total Depth: 4438.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8400 Inside

Press @ Run Depth: 94.18 psig @ 4434.99 ft (KB)

Capacity: 5000.00 psig

Start Date: 2012.02.11 End Date: 2012.02.11

Last Calib.: 2012.02.11

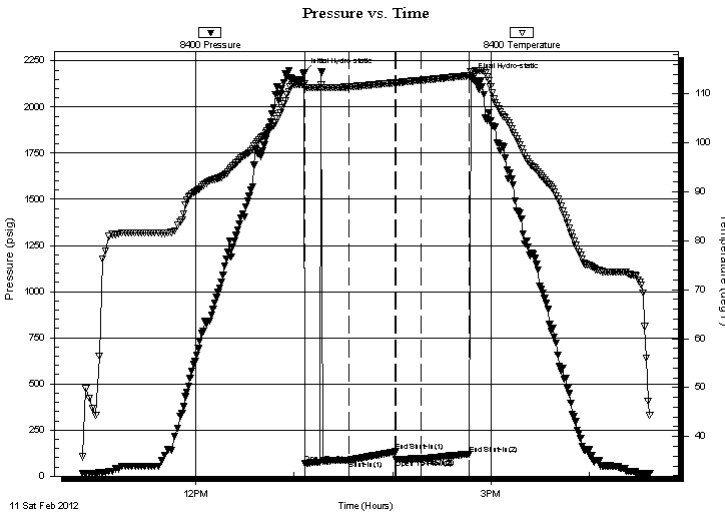
Start Time: 10:50:00 End Time: 16:37:00

Time On Btm: 2012.02.11 @ 13:06:00

Time Off Btm: 2012.02.11 @ 14:47:30

TEST COMMENT: 1st Open 15 minutes Weak surface blow then died off
1st Shut in 30 minutes No blow back
2nd Open 15 minutes Weak surface blow then died off
2nd Shut in 30 minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.70	112.00	Initial Hydro-static
1	70.46	111.30	Open To Flow (1)
28	86.98	111.41	Shut-In(1)
56	131.96	112.27	End Shut-In(1)
56	91.53	112.26	Open To Flow (2)
72	94.18	112.76	Shut-In(2)
101	120.16	113.70	End Shut-In(2)
102	2159.27	114.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Drilling mud 100%	0.30

Gas Rates

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



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15861

DST#: 3

ATTN: Rene Husted

Test Start: 2012.02.11 @ 10:50:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:06:30

Time Test Ended: 16:37:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3335-Pratt -44

Interval: 4370.00 ft (KB) To 4438.00 ft (KB) (TVD)

Reference Elevations: 1855.00 ft (KB)

Total Depth: 4438.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8405 Outside

Press @ Run Depth: 119.55 psig @ 4435.99 ft (KB)

Capacity: 5000.00 psig

Start Date: 2012.02.11 End Date: 2012.02.11

Last Calib.: 2012.02.11

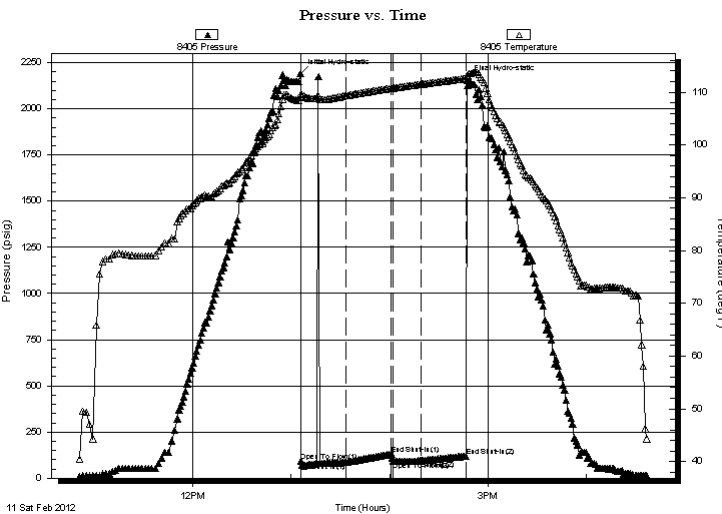
Start Time: 10:50:00 End Time: 16:37:00

Time On Btm: 2012.02.11 @ 13:05:30

Time Off Btm: 2012.02.11 @ 14:47:00

TEST COMMENT: 1st Open 15 minutes Weak surface blow then died off
1st Shut in 30 minutes No blow back
2nd Open 15 minutes Weak surface blow then died off
2nd Shut in 30 minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.30	109.49	Initial Hydro-static
1	89.57	109.22	Open To Flow (1)
28	85.81	109.33	Shut-In(1)
56	130.95	110.73	End Shut-In(1)
57	89.61	110.76	Open To Flow (2)
74	94.40	111.49	Shut-In(2)
101	119.55	112.58	End Shut-In(2)
102	2157.26	113.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Drilling mud 100%	0.30

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15861

DST#: 3

ATTN: Rene Husted

Test Start: 2012.02.11 @ 10:50:00

Tool Information

Drill Pipe:	Length: 4185.00 ft	Diameter: 3.80 inches	Volume: 58.70 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 59.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4370.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.99 ft			
Tool Length:	96.99 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4347.00	
Hydraulic Tool	5.00			4352.00	
Jars	6.00			4358.00	
Safety Joint	2.00			4360.00	
Packer	5.00			4365.00	28.00 Bottom Of Top Packer
Packer	5.00			4370.00	
Anchor	0.00			4370.00	
Change Over Sub	0.75			4370.75	
Drill Pipe	31.49			4402.24	
Change Over Sub	0.75			4402.99	
Anchor	31.00			4433.99	
Recorder	1.00	8400	Inside	4434.99	
Recorder	1.00	8405	Outside	4435.99	
Bull Plug	3.00			4438.99	68.99 Bottom Packers & Anchor

Total Tool Length: 96.99



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15861

DST#: 3

ATTN: Rene Husted

Test Start: 2012.02.11 @ 10:50:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 45.00 sec/qt
Water Loss: 8.80 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Drilling mud 100%	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

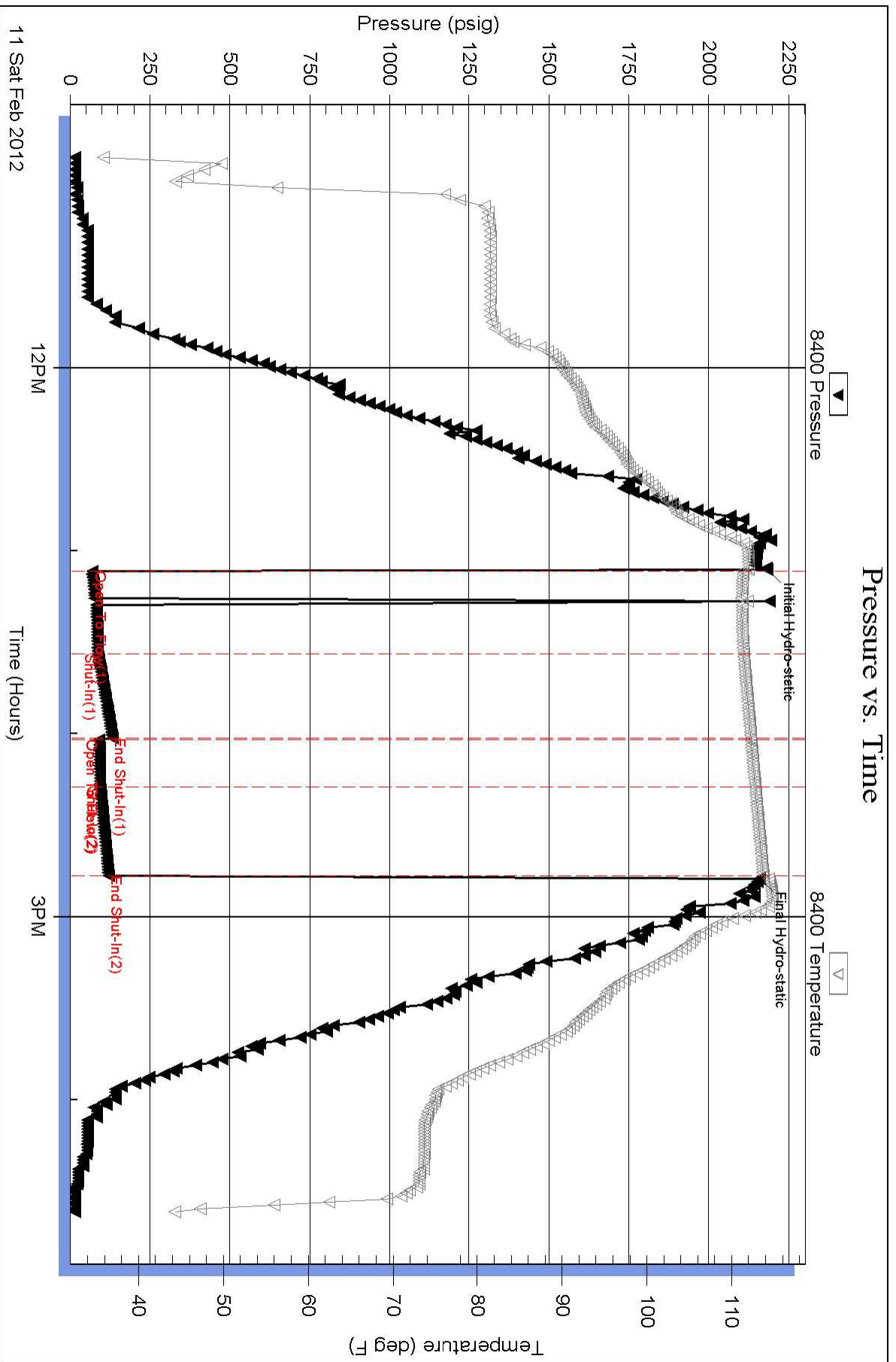
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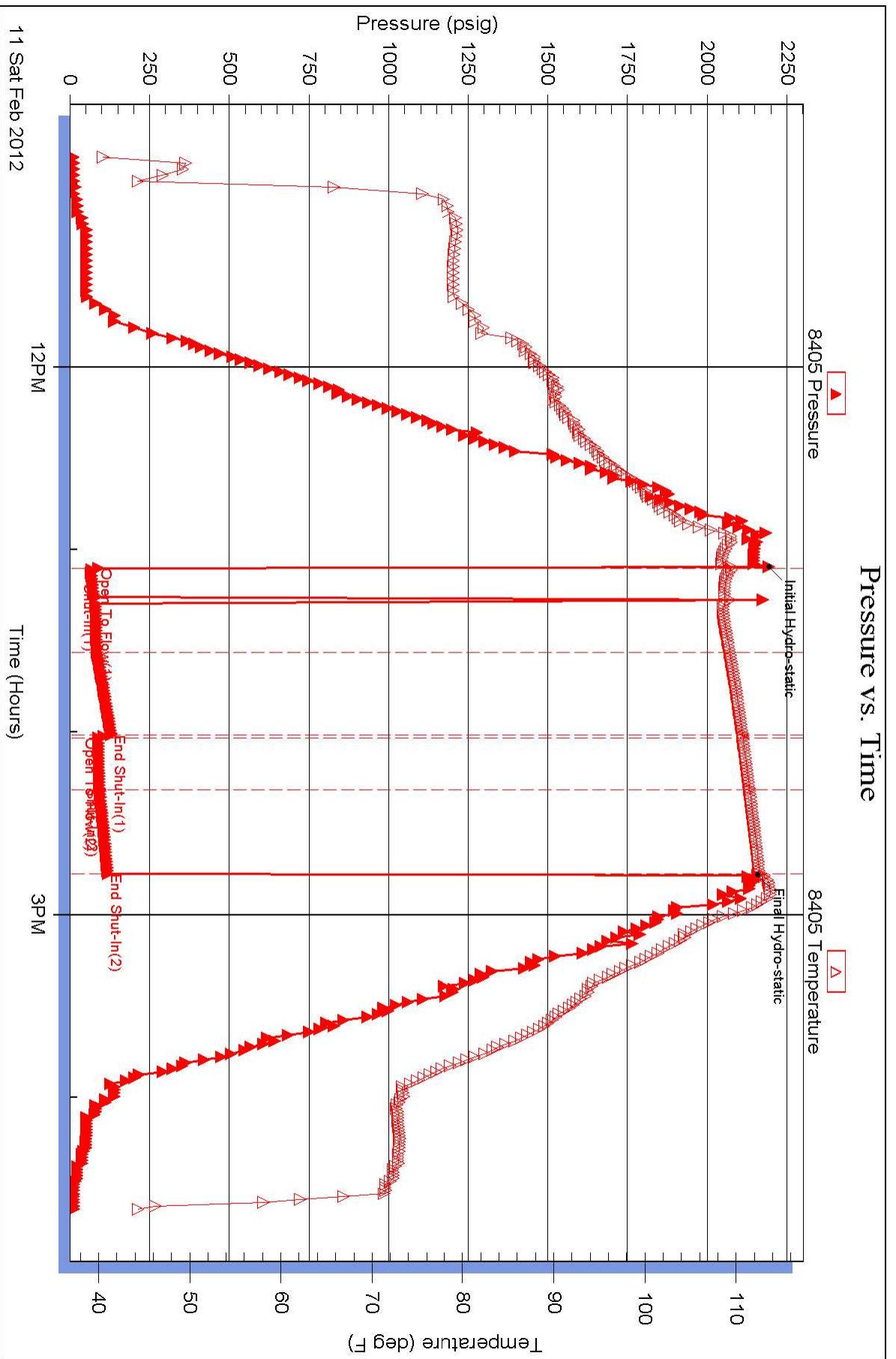
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Rene Husted

Bell "A" #1-7

7-30s-13w Barber

Start Date: 2012.02.12 @ 07:28:00

End Date: 2012.02.12 @ 15:49:30

Job Ticket #: 15862 DST #: 4

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.02.12 @ 14:05:50



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15862

DST#: 4

ATTN: Rene Husted

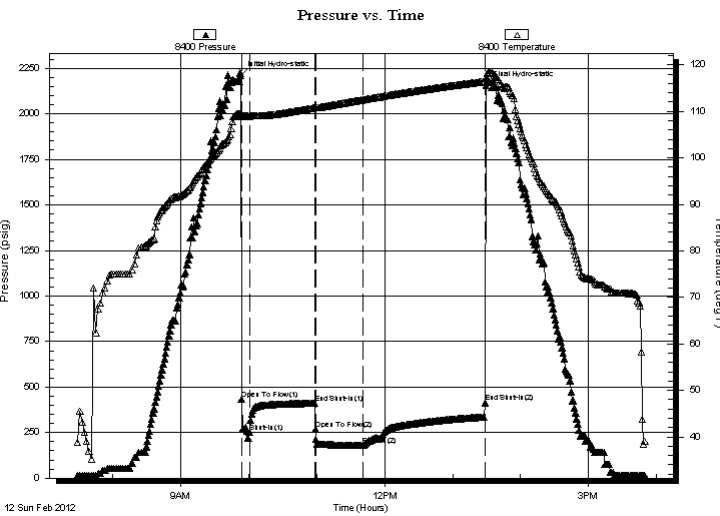
Test Start: 2012.02.12 @ 07:28:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:53:30
 Time Test Ended: 15:49:30
 Interval: **4450.00 ft (KB) To 4522.00 ft (KB) (TVD)**
 Total Depth: 4522.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Prat-40
 Reference Elevations: 1855.00 ft (KB)
 1842.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8400 Inside
 Press @ Run Depth: 180.87 psig @ 4518.86 ft (KB) Capacity: 5000.00 psig
 Start Date: 2012.02.12 End Date: 2012.02.12 Last Calib.: 2012.02.12
 Start Time: 07:28:00 End Time: 15:49:30 Time On Btm: 2012.02.12 @ 09:53:00
 Time Off Btm: 2012.02.12 @ 13:29:30

TEST COMMENT: 1st Open 5 minutes Strong blow bottom of the bucket 1 minutes
 1st Shut in 60 minutes No blow back
 2nd Open 60 minutes Strong blow with gas to surface in 5 minutes
 2nd Shut in 90 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2211.63	109.59	Initial Hydro-static
1	432.17	108.86	Open To Flow (1)
8	252.42	108.98	Shut-In(1)
66	411.09	110.79	End Shut-In(1)
66	269.57	110.74	Open To Flow (2)
108	180.87	112.48	Shut-In(2)
216	415.14	116.49	End Shut-In(2)
217	2153.56	117.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	Gas cut mud 100%	4.25

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	10.00	9.13
Last Gas Rate	0.13	37.00	19.24
Max. Gas Rate	0.13	37.00	19.24



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15862

DST#: 4

ATTN: Rene Husted

Test Start: 2012.02.12 @ 07:28:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:53:30

Time Test Ended: 15:49:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Prat-40

Interval: 4450.00 ft (KB) To 4522.00 ft (KB) (TVD)

Reference Elevations: 1855.00 ft (KB)

Total Depth: 4522.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8405 Outside

Press @ Run Depth: 334.44 psig @ 4519.86 ft (KB)

Capacity: 5000.00 psig

Start Date: 2012.02.12

End Date: 2012.02.12

Last Calib.: 2012.02.12

Start Time: 07:28:00

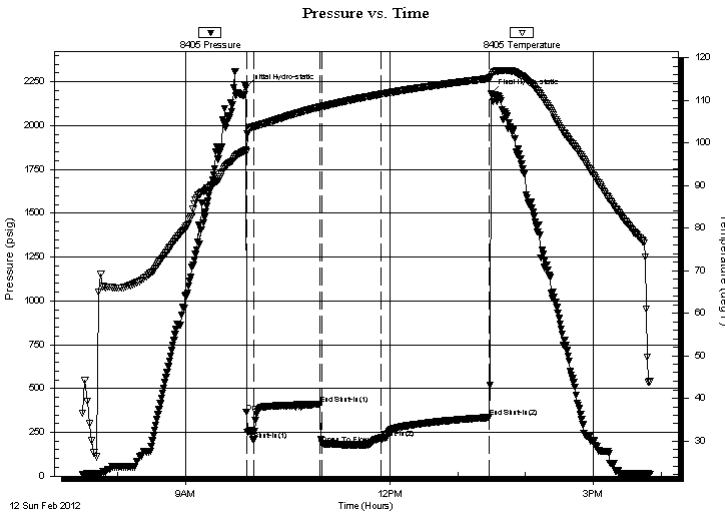
End Time: 15:49:30

Time On Btm: 2012.02.12 @ 09:53:00

Time Off Btm: 2012.02.12 @ 13:29:30

TEST COMMENT: 1st Open 5 minutes Strong blow bottom of the bucket 1 minutes
1st Shut in 60 minutes No blow back
2nd Open 60 minutes Strong blow with gas to surface in 5 minutes
2nd Shut in 90 minutes Yes blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2212.95	98.24	Initial Hydro-static
1	365.39	97.84	Open To Flow (1)
7	204.48	103.78	Shut-In(1)
66	409.33	108.45	End Shut-In(1)
68	184.50	108.52	Open To Flow (2)
120	219.09	111.43	Shut-In(2)
215	334.44	115.12	End Shut-In(2)
217	2182.14	115.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	Gas cut mud 100%	4.25

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	10.00	9.13
Last Gas Rate	0.13	37.00	19.24
Max. Gas Rate	0.13	37.00	19.24



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15862

DST#: 4

ATTN: Rene Husted

Test Start: 2012.02.12 @ 07:28:00

Tool Information

Drill Pipe:	Length: 4278.00 ft	Diameter: 3.80 inches	Volume: 60.01 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 60.90 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	36.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4450.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	72.86 ft				
Tool Length:	100.86 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut-In Tool	5.00			4427.00	
Hydraulic Tool	5.00			4432.00	
Jars	6.00			4438.00	
Safety Joint	2.00			4440.00	
Packer	5.00			4445.00	28.00 Bottom Of Top Packer
Packer	5.00			4450.00	
Anchor	0.00			4450.00	
Change Over Sub	0.75			4450.75	
Drill Pipe	30.36			4481.11	
Change Over Sub	0.75			4481.86	
Anchor	36.00			4517.86	
Recorder	1.00	8400	Inside	4518.86	
Recorder	1.00	8405	Outside	4519.86	
Bull Plug	3.00			4522.86	72.86 Bottom Packers & Anchor

Total Tool Length: 100.86



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15862

DST#: 4

ATTN: Rene Husted

Test Start: 2012.02.12 @ 07:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 8.80 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
420.00	Gas cut mud 100%	4.252

Total Length: 420.00 ft Total Volume: 4.252 bbl

Num Fluid Samples: 0

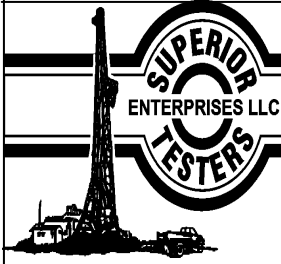
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15862

DST#: 4

ATTN: Rene Husted

Test Start: 2012.02.12 @ 07:28:00

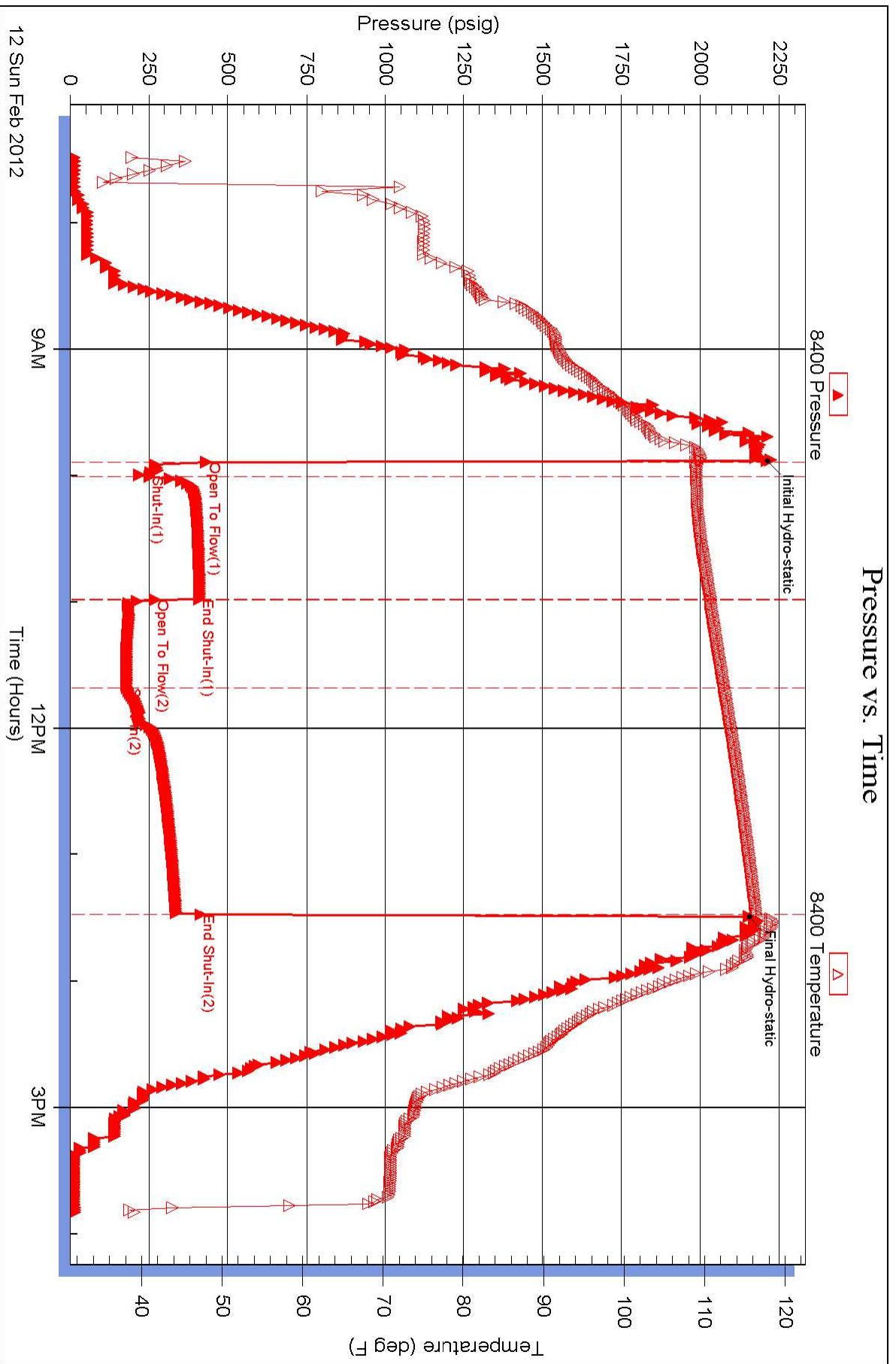
Gas Rates Information

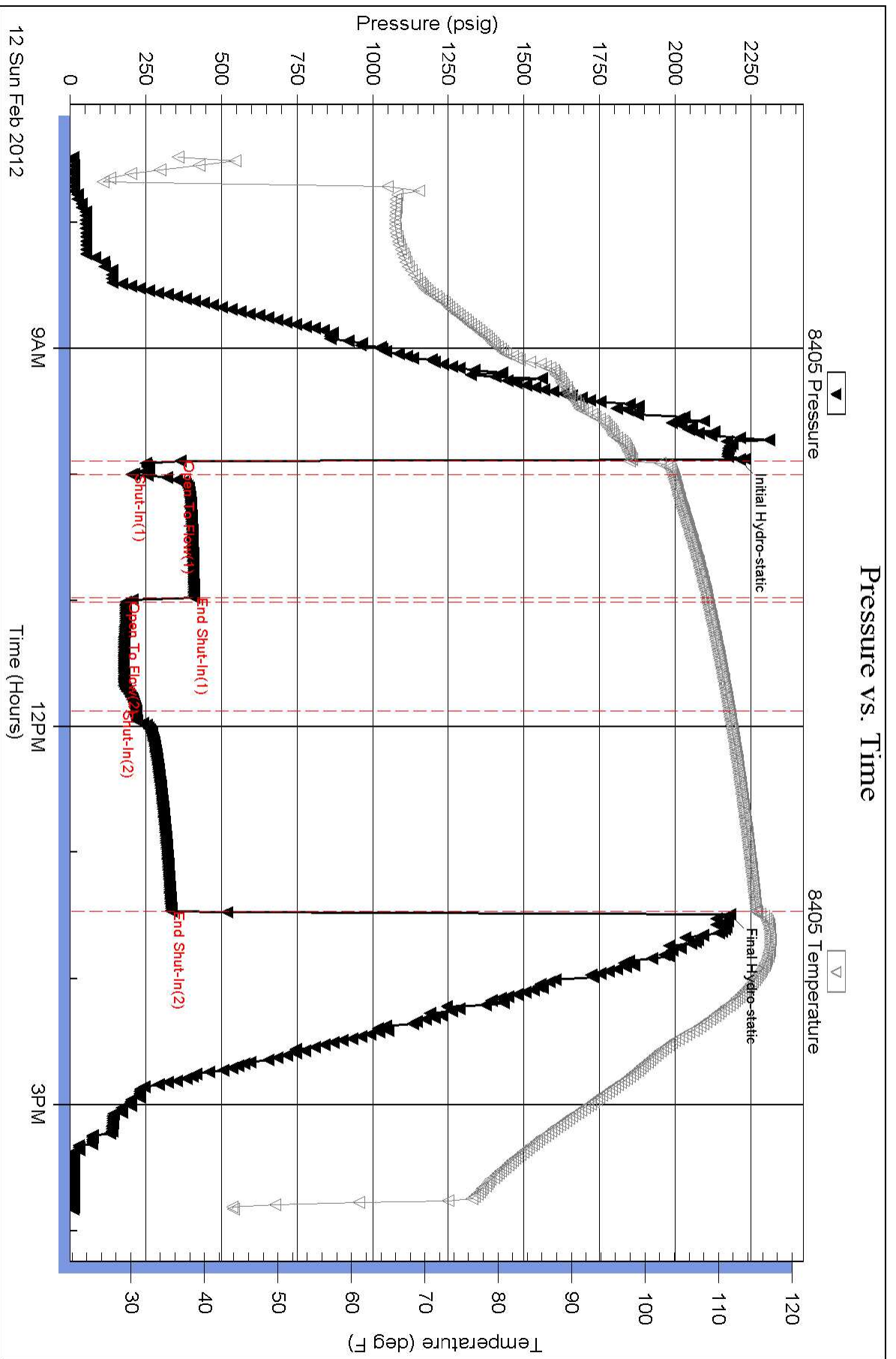
Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.13	10.00	9.13
1	10	0.13	10.00	9.13
2	20	0.13	25.00	14.75
3	30	0.13	37.00	19.24

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Rene Husted

Bell "A" #1-7

7-30s-13w Barber

Start Date: 2012.02.13 @ 02:15:00

End Date: 2012.02.13 @ 00:00:00

Job Ticket #: 15863 DST #: 5

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.02.13 @ 07:48:27



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15863

DST#: 5

ATTN: Rene Husted

Test Start: 2012.02.13 @ 02:15:00

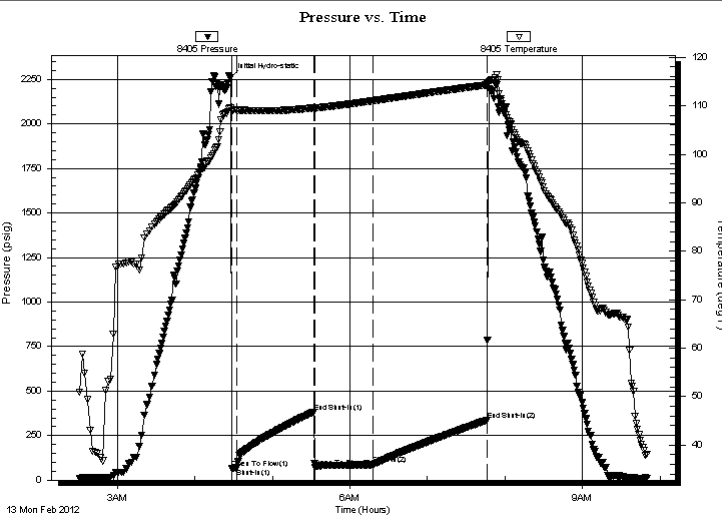
GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 00:00:00
 Tester: Gene Budig
 Time Test Ended: 00:00:00
 Unit No: 3335-52
 Interval: **4523.00 ft (KB) To 4573.00 ft (KB) (TVD)**
 Reference Elevations: 1855.00 ft (KB)
 Total Depth: 4573.00 ft (KB) (TVD)
 1842.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 13.00 ft

Serial #: 8405 Outside

Press @ Run Depth: 336.21 psig @ 4569.98 ft (KB) Capacity: 5000.00 psig
 Start Date: 2012.02.13 End Date: 2012.02.13 Last Calib.: 2012.02.13
 Start Time: 02:30:00 End Time: 09:49:30 Time On Btm: 2012.02.13 @ 04:27:30
 Time Off Btm:

TEST COMMENT: 1st Opening 05 Minutes Fair blow built to the bottom of a 5 gallon bucket in 3 minutes
 1st Shut-In 60 Minutes-No blow back
 2nd Opening 45 Minutes-Good blow built to the bottom of a 5 gallon bucket in 1 minute and decreased to a 2 1/2 inch blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2260.77	109.50	Initial Hydro-static
1	66.48	109.04	Open To Flow (1)
5	68.77	109.11	Shut-In(1)
65	383.20	109.56	End Shut-In(1)
66	71.05	109.51	Open To Flow (2)
111	86.79	111.03	Shut-In(2)
199	336.21	114.30	End Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
420.00	gas in the pipe	4.25
70.00	oil cut mud	0.98
0.00	10% Gas 10% Oil 80%Mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15863

DST#: 5

ATTN: Rene Husted

Test Start: 2012.02.13 @ 02:15:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-52

Interval: 4523.00 ft (KB) To 4573.00 ft (KB) (TVD)

Reference Elevations: 1855.00 ft (KB)

Total Depth: 4573.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8400 Inside

Press @ Run Depth: 337.65 psig @ 4568.98 ft (KB)

Capacity: 5000.00 psig

Start Date: 2012.02.13

End Date: 2012.02.13

Last Calib.: 1899.12.30

Start Time: 02:30:00

End Time: 09:55:30

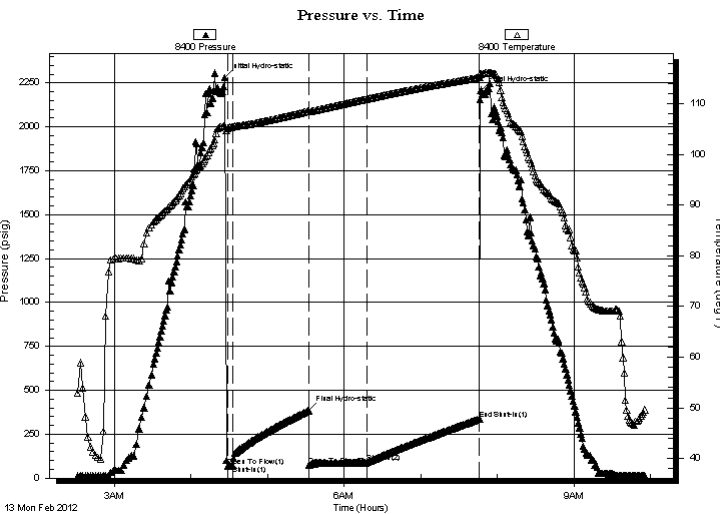
Time On Btm: 2012.02.13 @ 04:26:30

Time Off Btm: 2012.02.13 @ 05:32:00

TEST COMMENT: 1st Opening 05 Minutes Fair blow built to the bottom of a 5 gallon bucket in 3 minutes

1st Shut-In 60 Minutes-No blow back

2nd Opening 45 Minutes-Good blow built to the bottom of a 5 gallon bucket in 1 minute and decreased to a 2 1/2 inch blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2279.17	105.62	Initial Hydro-static
2	67.78	105.20	Open To Flow (1)
6	71.35	105.43	Shut-In(1)
66	384.23	108.53	Final Hydro-static
66	75.29	108.40	Open To Flow (2)
112	88.71	110.94	Shut-In(2)
200	337.65	115.15	End Shut-In(1)
201	2206.27	115.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	gas in the pipe	4.25
70.00	oil cut mud	0.98
0.00	10% Gas 10% Oil 80%Mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15863

DST#: 5

ATTN: Rene Husted

Test Start: 2012.02.13 @ 02:15:00

Tool Information

Drill Pipe:	Length: 4340.00 ft	Diameter: 3.80 inches	Volume: 60.88 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4523.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.98 ft			
Tool Length:	77.98 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4500.00	
Hydraulic Tool	5.00			4505.00	
Jars	6.00			4511.00	
Safety Joint	2.00			4513.00	
Packer	5.00			4518.00	28.00 Bottom Of Top Packer
Packer	5.00			4523.00	
Anchor	5.00			4528.00	
Change Over Sub	0.75			4528.75	
Drill Pipe	31.48			4560.23	
Change Over Sub	0.75			4560.98	
Anchor	7.00			4567.98	
Recorder	1.00	8400	Inside	4568.98	
Recorder	1.00	8405	Outside	4569.98	
Bull Plug	3.00			4572.98	49.98 Bottom Packers & Anchor

Total Tool Length: 77.98



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15863

DST#: 5

ATTN: Rene Husted

Test Start: 2012.02.13 @ 02:15:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 8.80 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
420.00	gas in the pipe	4.252
70.00	oil cut mud	0.982
0.00	10% Gas 10% Oil 80%Mud	0.000

Total Length: 490.00 ft Total Volume: 5.234 bbl

Num Fluid Samples: 0

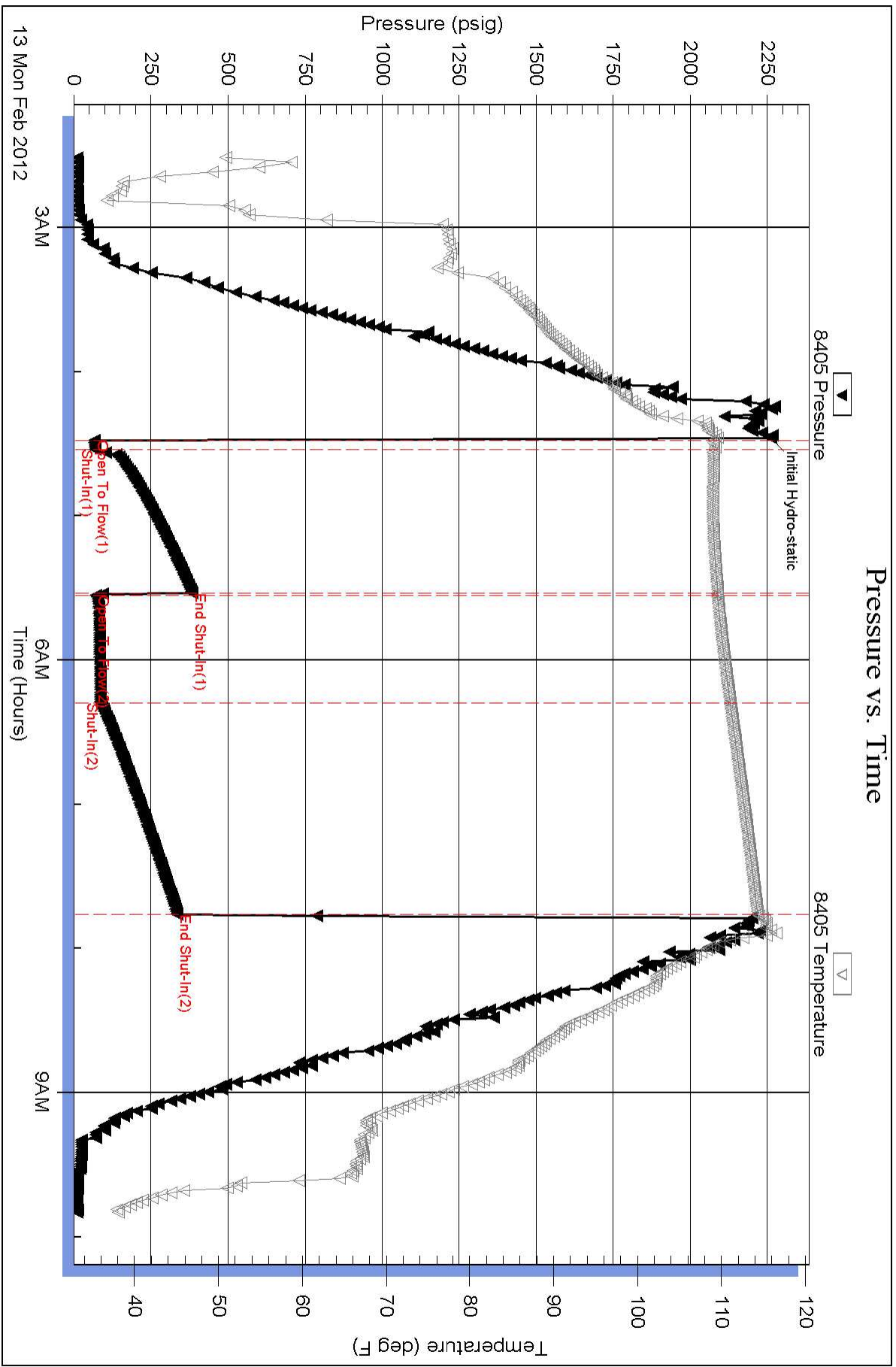
Num Gas Bombs: 0

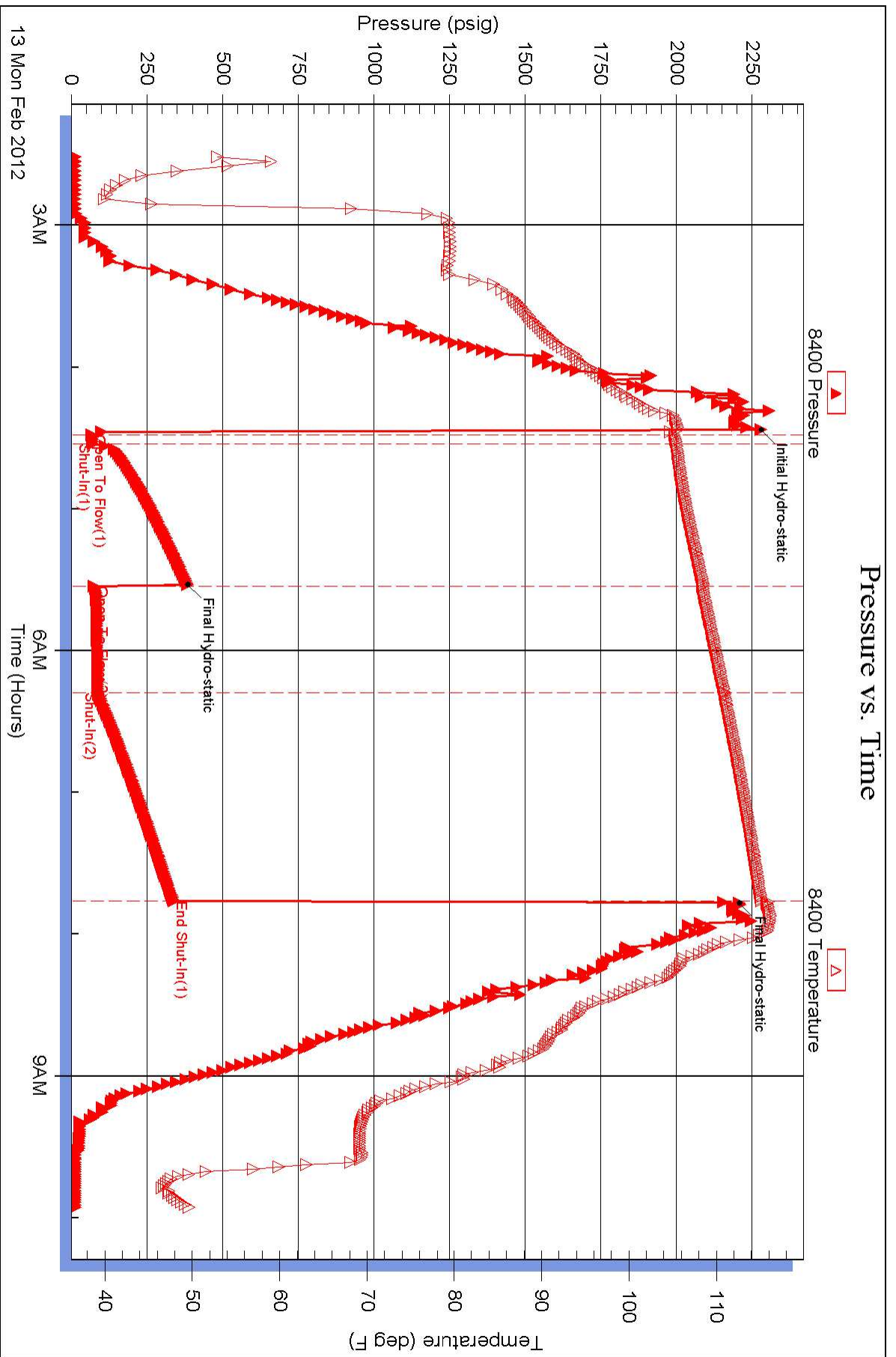
Serial #:

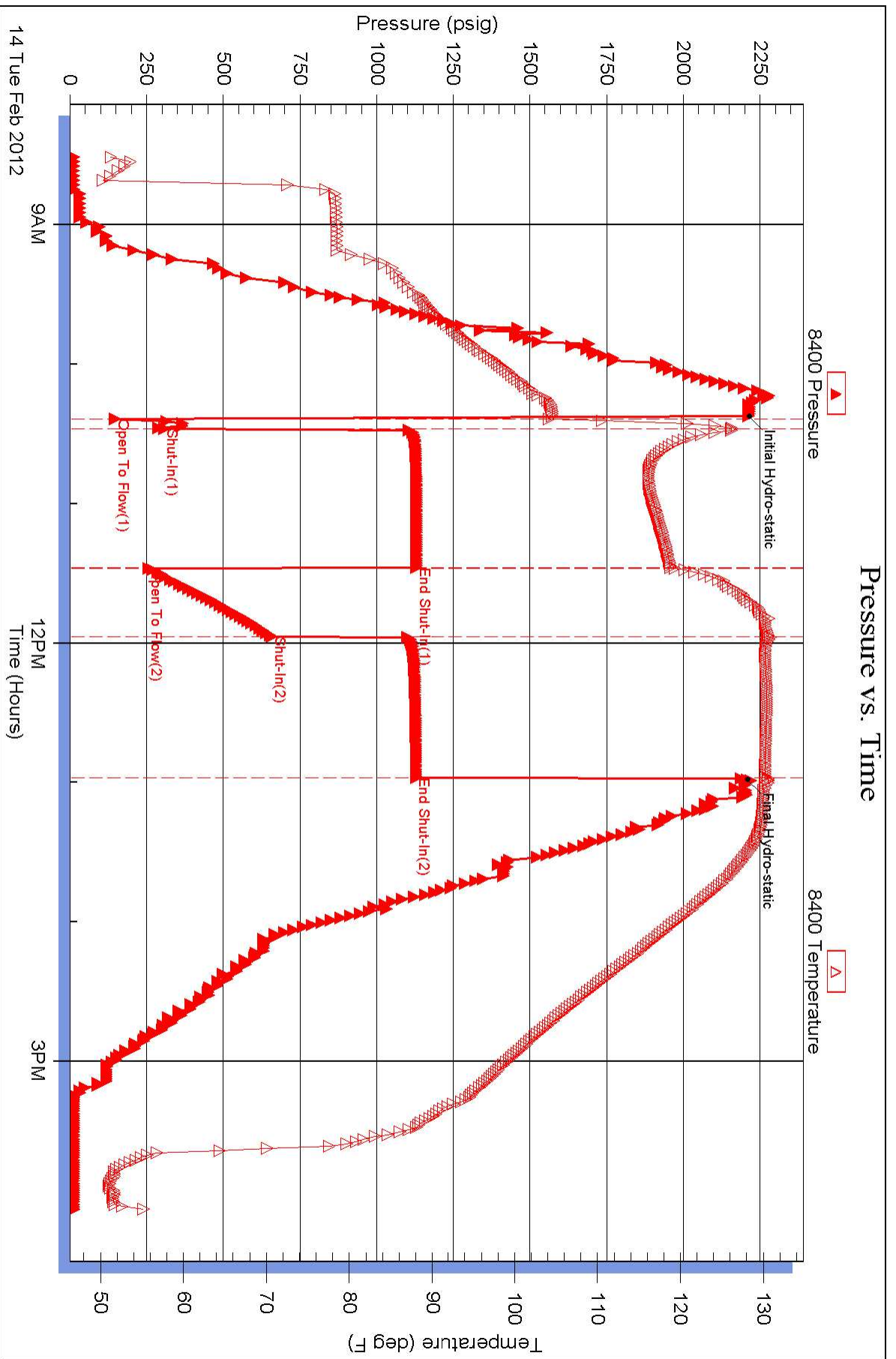
Laboratory Name:

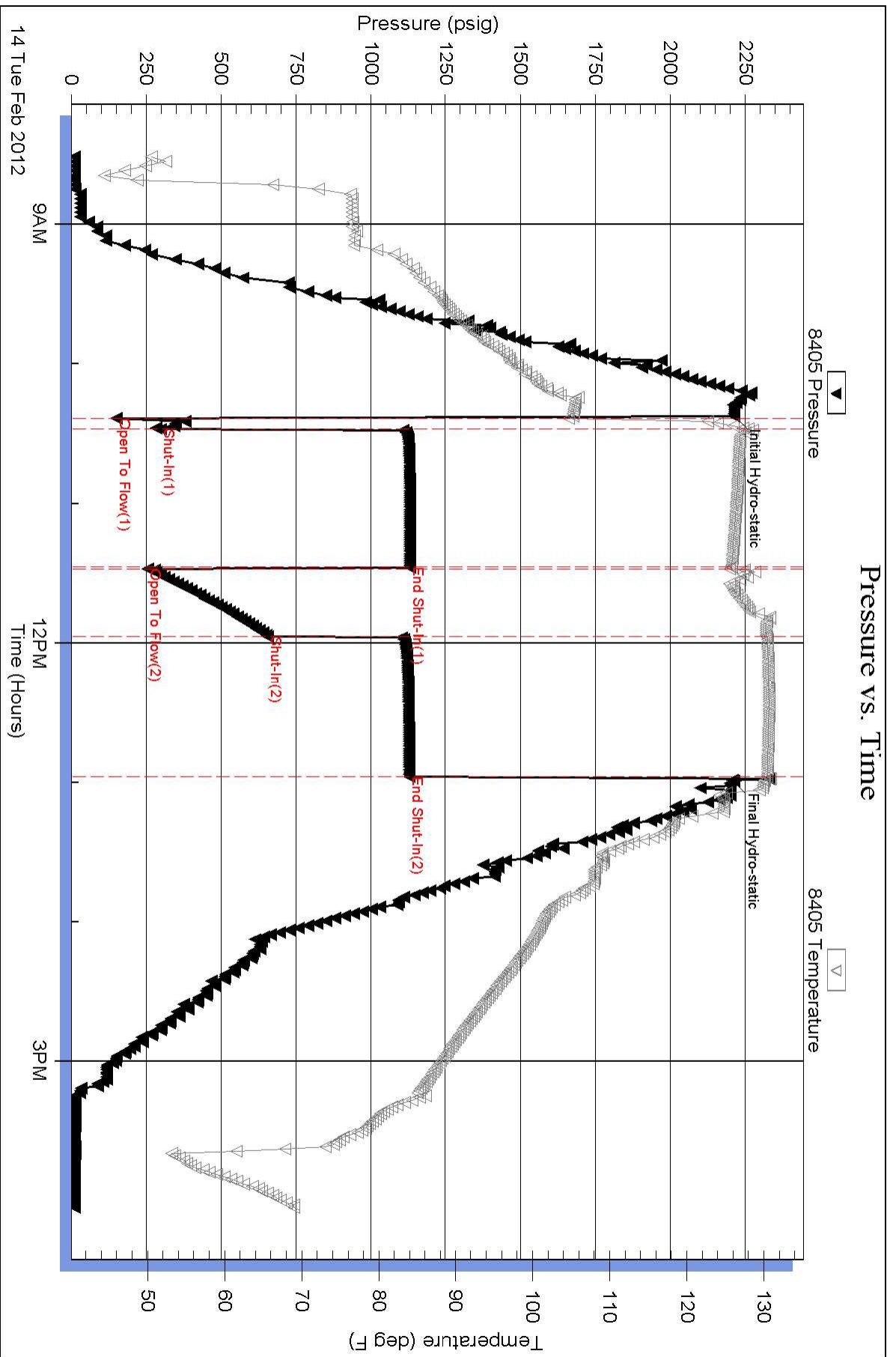
Laboratory Location:

Recovery Comments:











DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15864

DST#: 6

ATTN: Rene Husted

Test Start: 2012.02.13 @ 08:30:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: 8.80 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Muddy Water 20%Mud 80%Water	0.197
240.00	Slightly muddy water	2.091
0.00	5%Mud 95% Water	0.000
980.00	Water Chlorides 54000	13.747
0.00	Resistivity .19 @62 Degrees	0.000

Total Length: 1260.00 ft Total Volume: 16.035 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15864

DST#: 6

ATTN: Rene Husted

Test Start: 2012.02.13 @ 08:30:00

Tool Information

Drill Pipe:	Length: 4397.00 ft	Diameter: 3.80 inches	Volume: 61.68 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4575.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4552.00	
Hydraulic Tool	5.00			4557.00	
Jars	6.00			4563.00	
Safety Joint	2.00			4565.00	
Packer	5.00			4570.00	28.00 Bottom Of Top Packer
Packer	5.00			4575.00	
Anchor	18.00			4593.00	
Recorder	1.00	8400	Inside	4594.00	
Recorder	1.00	8405	Outside	4595.00	
Bull Plug	3.00			4598.00	23.00 Bottom Packers & Anchor
Total Tool Length:	51.00				



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15864

DST#: 6

ATTN: Rene Husted

Test Start: 2012.02.13 @ 08:30:00

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-52

Interval: 4575.00 ft (KB) To 4598.00 ft (KB) (TVD)

Reference Elevations: 1855.00 ft (KB)

Total Depth: 4598.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8400 Inside

Press @ Run Depth: 1127.65 psig @ 4594.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2012.02.14

End Date:

2012.02.14

Last Calib.:

2012.02.14

Start Time: 08:30:00

End Time:

16:04:00

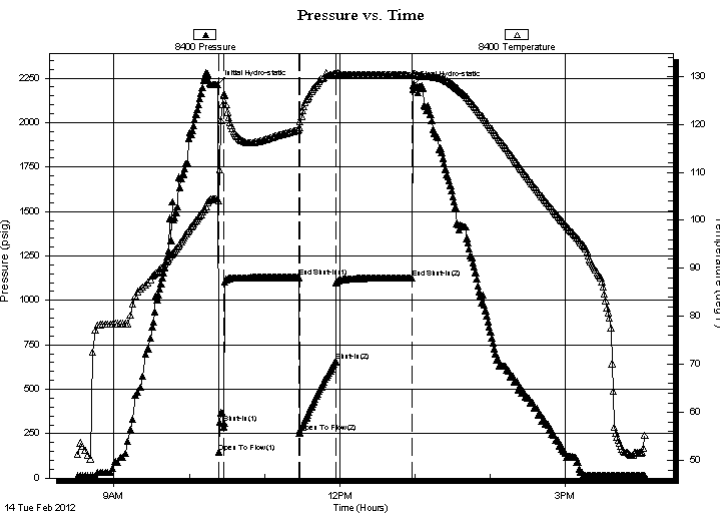
Time On Btm:

2012.02.14 @ 10:22:30

Time Off Btm:

2012.02.14 @ 12:59:00

TEST COMMENT: 1st Opening 5 Minutes Fair blow built to the bottom of a 5 gallon bucket in 3 minutes
1st Shut-In 60 Minutes-fair blow back
2nd Opening 30 Minutes-Good blow built to the bottom of a 5 gallon bucket in 2 minutes
2nd Shut-In 60 Minutes-Fair blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.63	104.52	Initial Hydro-static
1	147.31	104.14	Open To Flow (1)
6	307.85	126.11	Shut-In(1)
65	1129.70	118.83	End Shut-In(1)
66	255.64	119.30	Open To Flow (2)
95	657.55	130.61	Shut-In(2)
156	1127.65	130.20	End Shut-In(2)
157	2207.78	130.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Muddy Water 20%Mud 80%Water	0.20
240.00	Slightly muddy w ater	2.09
0.00	5%Mud 95% Water	0.00
980.00	Water Chlorides 54000	13.75
0.00	Resisitvity .19 @62 Degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15864

DST#: 6

ATTN: Rene Husted

Test Start: 2012.02.13 @ 08:30:00

GENERAL INFORMATION:

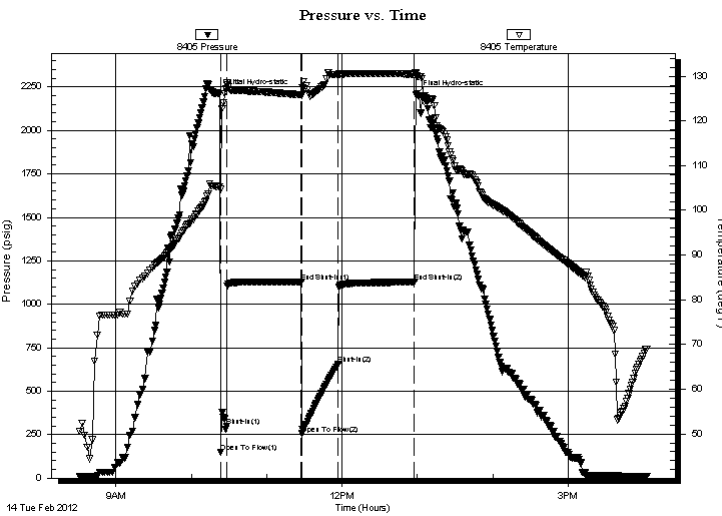
Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 00:00:00
 Tester: Gene Budig
 Time Test Ended: 00:00:00
 Unit No: 3335-52
 Interval: **4575.00 ft (KB) To 4598.00 ft (KB) (TVD)**
 Reference Elevations: 1855.00 ft (KB)
 Total Depth: 4598.00 ft (KB) (TVD)
 1842.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 13.00 ft

Serial #: 8405

Outside

Press @ Run Depth: 1127.21 psig @ 4595.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2012.02.14 End Date: 2012.02.14 Last Calib.: 2012.02.14
 Start Time: 08:30:00 End Time: 16:03:00 Time On Btm: 2012.02.14 @ 10:22:30
 Time Off Btm: 2012.02.14 @ 12:59:00

TEST COMMENT: 1st Opening 5 Minutes Fair blow built to the bottom of a 5 gallon bucket in 3 minutes
 1st Shut-In 60 Minutes-fair blow back
 2nd Opening 30 Minutes-Good blow built to the bottom of a 5 gallon bucket in 2 minutes
 2nd Shut-In 60 Minutes-Fair blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2212.04	105.24	Initial Hydro-static
1	150.45	104.72	Open To Flow (1)
6	298.52	127.98	Shut-In(1)
65	1129.34	125.83	End Shut-In(1)
66	254.90	125.58	Open To Flow (2)
95	656.49	130.30	Shut-In(2)
155	1127.21	130.41	End Shut-In(2)
157	2206.46	130.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Muddy Water 20%Mud 80%Water	0.20
240.00	Slightly muddy w ater	2.09
0.00	5%Mud 95% Water	0.00
980.00	Water Chlorides 54000	13.75
0.00	Resistivity .19 @62 Degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Rene Husted

Bell "A" #1-7

7-30s-13w Barber

Start Date: 2012.02.13 @ 08:30:00

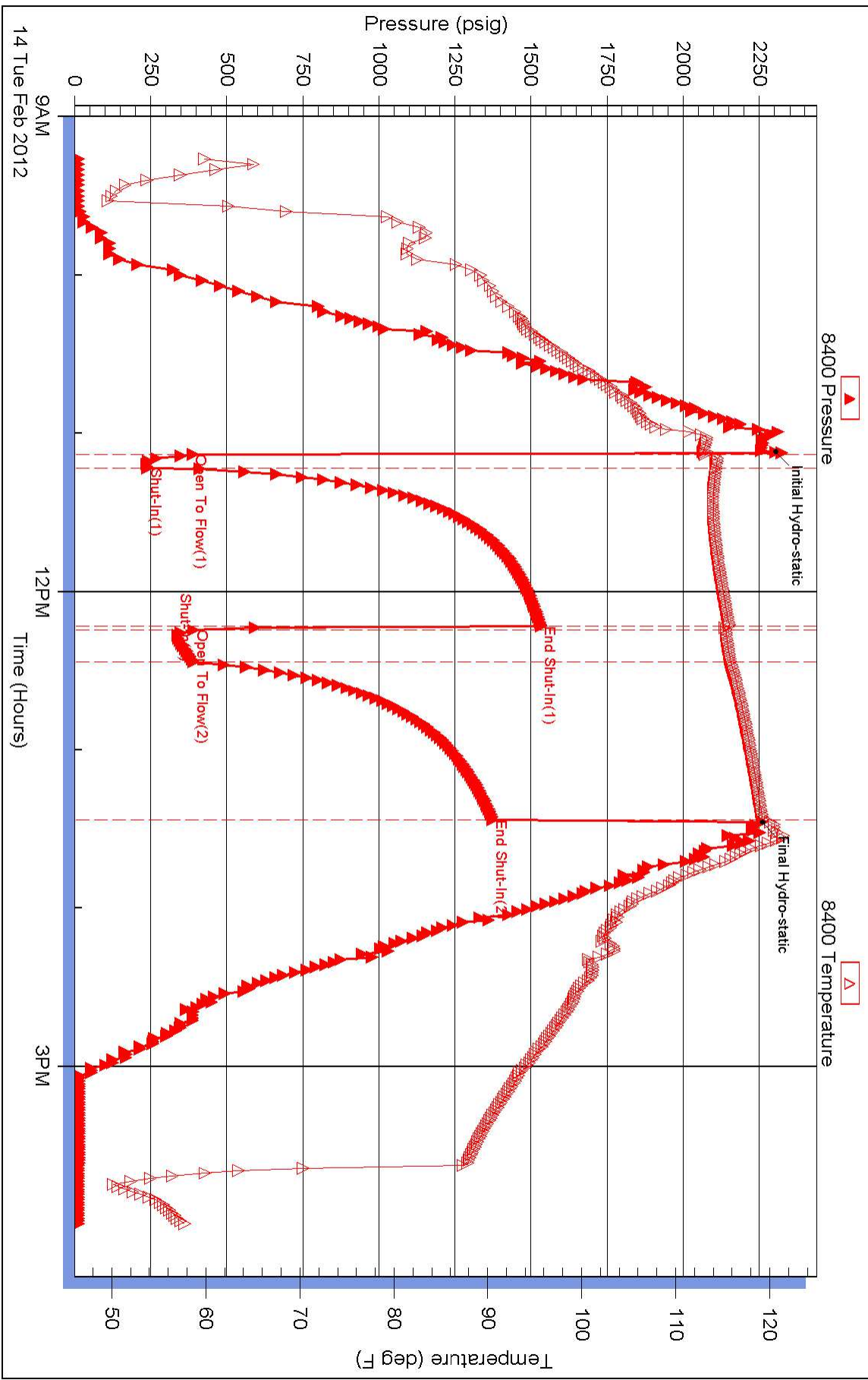
End Date: 2012.02.13 @ 00:00:00

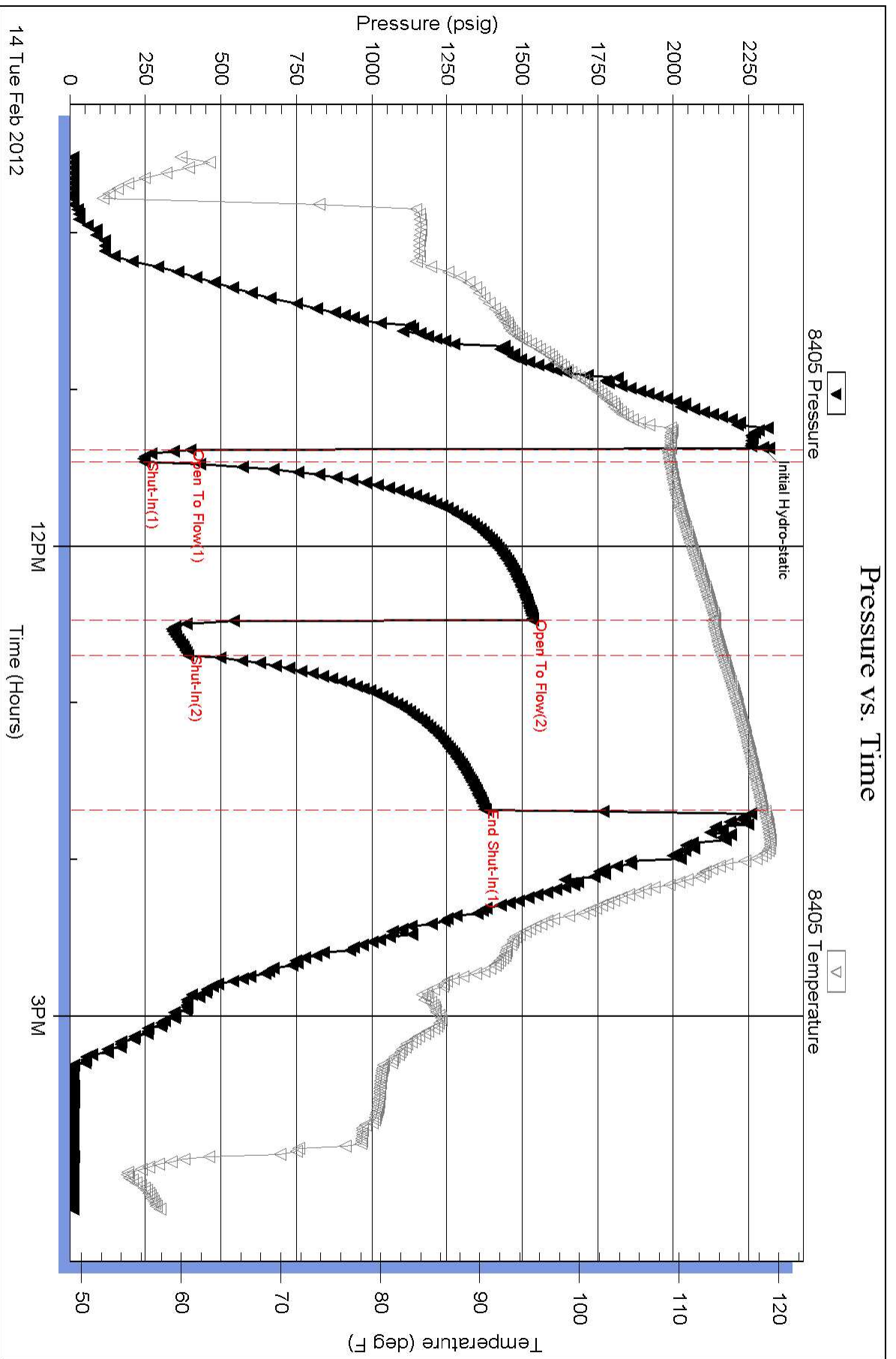
Job Ticket #: 15864 DST #: 6

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.02.14 @ 02:06:10

Pressure vs. Time







DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15865

DST#: 7

ATTN: Rene Husted

Test Start: 2012.02.14 @ 09:45:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 8.80 in³
Resistivity: ohm.m
Salinity: 8.80 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	180 Gas in the pipe	0.000
100.00	Very Slightly Oil cut Muddy Water	0.492
0.00	1%Oil 30%Mud 69%Water	0.000
120.00	Slightly Muddy Water with a trace of oil	0.955
0.00	Trace of Oil 8%Mud 92%Water	0.000
120.00	Slightly muddy water with a trace of oil	1.683
0.00	TRACE OF OIL 4% mUD 96%Water	0.000
360.00	Water Chlorides 48000	5.050
0.00	Resistivity .15@ 58 Degrees	0.000

Total Length: 700.00 ft Total Volume: 8.180 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15865

DST#: 7

ATTN: Rene Husted

Test Start: 2012.02.14 @ 09:45:00

Tool Information

Drill Pipe:	Length: 4491.00 ft	Diameter: 3.80 inches	Volume: 63.00 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4674.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4651.00	
Hydraulic Tool	5.00			4656.00	
Jars	6.00			4662.00	
Safety Joint	2.00			4664.00	
Packer	5.00			4669.00	28.00 Bottom Of Top Packer
Packer	5.00			4674.00	
Anchor	16.00			4690.00	
Recorder	1.00	8400	Inside	4691.00	
Recorder	1.00	8405	Outside	4692.00	
Bull Plug	3.00			4695.00	21.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15865

DST#: 7

ATTN: Rene Husted

Test Start: 2012.02.14 @ 09:45:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-44 Pratt

Interval: 4674.00 ft (KB) To 4695.00 ft (KB) (TVD)

Reference Elevations: 1855.00 ft (KB)

Total Depth: 4695.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8400 Inside

Press @ Run Depth: 1375.06 psig @ 4691.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2012.02.14

End Date:

2012.02.14

Last Calib.: 2012.02.15

Start Time: 09:15:00

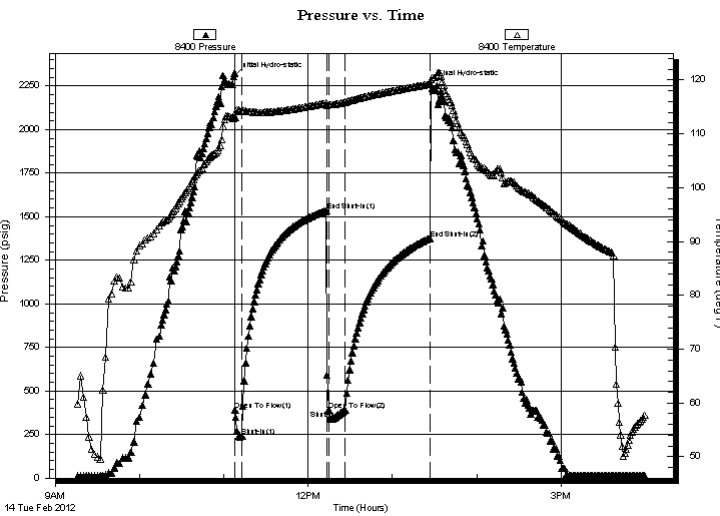
End Time:

16:00:00

Time On Btm: 2012.02.14 @ 11:07:00

Time Off Btm: 2012.02.14 @ 13:27:30

TEST COMMENT: 1st Opening 5 Minutes Good blow built to the bottom of a 5 gallon bucket in 2 minutes
1st Shut-In 60 Minutes-No blow back
2nd Opening 15 Minutes-Good bow built to the bottom of a 5 gallon bucet in 1 minute
2nd Shut_in 60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2302.74	112.90	Initial Hydro-static
1	389.19	113.13	Open To Flow (1)
6	240.50	114.24	Shut-In(1)
66	1534.64	115.72	End Shut-In(1)
68	392.55	115.39	Open To Flow (2)
80	390.73	115.87	Shut-In(2)
140	1375.06	119.26	End Shut-In(2)
141	2258.81	120.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	180 Gas in the pipe	0.00
100.00	Very Slightly Oil cut Muddy Water	0.49
0.00	1%Oil 30%Mud 69%Water	0.00
120.00	Slightly Muddy Water w with a trace of oil	0.95
0.00	Trace of Oil 8%Mud 92%Water	0.00
120.00	Slightly muddy w ater w with a trace of oil	1.68

Gas Rates

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



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

7-30s-13w Barber

9431 East Central Suite 100
Wichita, Kansas 67206-2563

Bell "A" #1-7

Job Ticket: 15865

DST#: 7

ATTN: Rene Husted

Test Start: 2012.02.14 @ 09:45:00

GENERAL INFORMATION:

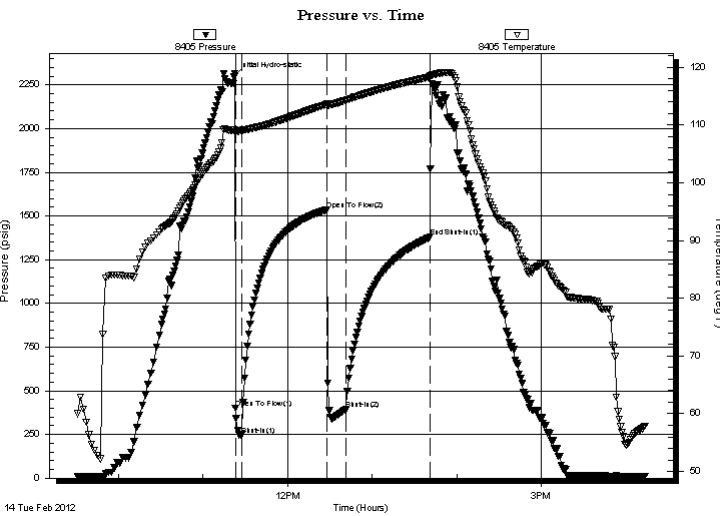
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **4674.00 ft (KB) To 4695.00 ft (KB) (TVD)**
 Total Depth: 4695.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335-44 Pratt
 Reference Elevations: 1855.00 ft (KB)
 1842.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8405

Outside

Press @ Run Depth: 1378.27 psig @ 4692.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2012.02.14 End Date: 2012.02.14 Last Calib.: 2012.02.15
 Start Time: 09:30:00 End Time: 16:13:30 Time On Btm: 2012.02.14 @ 11:22:00
 Time Off Btm:

TEST COMMENT: 1st Opening 5 Minutes Good blow built to the bottom of a 5 gallon bucket in 2 minutes
 1st Shut-In 60 Minutes-No blow back
 2nd Opening 15 Minutes-Good bow built to the bottom of a 5 gallon bucet in 1 minute
 2nd Shut_in 60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2296.81	109.10	Initial Hydro-static
1	398.94	108.81	Open To Flow (1)
6	248.02	109.02	Shut-In(1)
66	1536.73	113.60	Open To Flow (2)
80	391.77	114.27	Shut-In(2)
139	1378.27	118.34	End Shut-In(1)

Recovery

Length (ft)	Description	Volume (bbl)
0.00	180 Gas in the pipe	0.00
100.00	Very Slightly Oil cut Muddy Water	0.49
0.00	1%Oil 30%Mud 69%Water	0.00
120.00	Slightly Muddy Water w with a trace of oil	0.95
0.00	Trace of Oil 8%Mud 92%Water	0.00
120.00	Slightly muddy w ater w with a trace of oil	1.68

Gas Rates

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



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Rene Husted

Bell "A" #1-7

7-30s-13w Barber

Start Date: 2012.02.14 @ 09:45:00

End Date: 2012.02.14 @ 00:00:00

Job Ticket #: 15865 DST #: 7

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.02.15 @ 02:53:13

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/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 23, 2012

Franklin R. Greenbaum
F. G. Holl Company L.L.C.
9431 E CENTRAL STE 100
WICHITA, KS 67206-2563

Re: ACO1
API 15-007-23834-00-00
BELL 'A' 1-7
SE/4 Sec.07-30S-13W
Barber 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,
Franklin R. Greenbaum



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 05671 A

DATE _____ TICKET NO. _____

DATE OF JOB: 02-03-12 DISTRICT: Pratt KS		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER: F. J. HULL		LEASE: BELL A-1-7		WELL NO.:					
ADDRESS:		COUNTY: BARBER		STATE: KS					
CITY:		STATE:		SERVICE CREW: Sullivan, Mohr, Young, Lawrence					
AUTHORIZED BY:		JOB TYPE: CW 8 5/8 surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
3375-20970	1 h	10					02-3-12	PM	12:30
19831-19802	1 h	10				ARRIVED AT JOB		AM	2:30
19832-21010	1 h	10				START OPERATION		AM	4:30
37900						FINISH OPERATION		AM	6:00
						RELEASED		AM	7:00
						MILES FROM STATION TO WELL			20

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *(Signature)*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A COP CONT	SK	250		
CP 100	COMMON	SK	175		
CP 100	COMMON	SK	150		
CC 102	Cellulose	lb	114		
CC 109	CALCIUM CHLORIDE	lb	1122		
CF 105	TOP RUBBER PLUG 8 5/8	SA	1		
CF 753	BATH PLUG	SA	1		
CF 1753	CONTRIBUTORS	SA	3		
CF 1903	BASKETS	SA	2		
E 100	PIPE MILEAGE	mi	20		
B 101	HOLES CONT. RIDGE	mi	40		
E 113	TRUCK MILEAGE	mi	570		
CE 201	DEPTH CHARGE 501 1000	SA	1		
CE 240	BLENDING - MISC	SK	605		
CE 504	PLUG CONT. AS RIGGED	SA	1		
S 003	SOLVENT SUPPLEMENT	SA	1		
CC 109	CALCIUM CHLORIDE (CALCIUM CHLORIDE)	lb	160		

CHEMICAL / ACID DATA:			

SUB TOTAL			
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

Thank you

SERVICE REPRESENTATIVE: <i>(Signature)</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>(Signature)</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.:	

Customer <i>F. P. HOLL</i>	Lease No.	Date <i>02-03-12</i>	
Lease <i>BELL A</i>	Well # <i>1-7</i>		
Field Order # <i>5071</i>	Station <i>PRATT KS</i>	Casing <i>8 7/8</i>	Depth <i>960'</i>
Type Job <i>CNW 8 7/8 Surface</i>		Formation	Legal Description <i>7-30-13</i>
		County <i>BARBER</i>	State <i>KS</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 7/8</i>				Pre Pad	Max		5 Min.	
Depth <i>960'</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>58</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>300</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>917.55</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert J. L...</i>					
Service Units	<i>37900</i>	<i>33709</i>	<i>20920</i>	<i>19931</i>	<i>19862</i>	<i>19832</i>	<i>21000</i>
Driver Names	<i>Sullivan</i>	<i>Melton</i>	<i>Lawrence</i>	<i>Young</i>			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>02:30</i>					<i>ON for softy m...</i>
					<i>Run 21 575 8 7/8 24 csg.</i>
					<i>Back @ 670' and 350' ? cont.</i>
<i>4:45</i>					<i>Casing on bottom</i>
<i>4:50</i>					<i>Back on w/ plug</i>
<i>4:55</i>	<i>200</i>		<i>3</i>	<i>3</i>	<i>At 5110'</i>
			<i>106</i>	<i>5</i>	<i>mix A-CON cont 280 sk 3% cc 1/4 coffee c</i>
			<i>37</i>	<i>5</i>	<i>and common cont 175 sk 3% cc 1/4 coffee c</i>
					<i>shut down</i>
					<i>Release Plug</i>
				<i>55</i>	<i>At Pump</i>
<i>5:35</i>	<i>350</i>		<i>55</i>		<i>plug down</i>
<i>5:50</i>				<i>2</i>	<i>TOP OUT 8 7/8 w/ 175 sk 2% cc</i>
<i>6:10</i>	<i>0</i>		<i>31</i>		<i>to surface (150 sk used)</i>
					<i>JOB - Complete</i>
					<i>Thank you</i>



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 05807 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>2-16-12</u> DISTRICT <u>Pratt</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>FG HOLL CO. LLC</u>		LEASE <u>BELL A</u>		1-7 WELL NO.					
ADDRESS		COUNTY <u>Barber</u>		STATE <u>KS</u>					
CITY STATE		SERVICE CREW <u>Melroy Bower SULLIVAN</u>							
AUTHORIZED BY		JOB TYPE: <u>CNW 4 1/2 LS</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>33703 20920</u>	<u>40</u>						<u>2-16-12</u>	<u>PM</u>	<u>10:05</u>
<u>19526 19860</u>	<u>40</u>					ARRIVED AT JOB	<u>2-16-12</u>	<u>AM</u>	<u>3:45</u>
<u>37900</u>						START OPERATION	<u>2-16-12</u>	<u>AM</u>	<u>9:00</u>
						FINISH OPERATION	<u>2-16-12</u>	<u>AM</u>	<u>9:00</u>
						RELEASED	<u>2-16-12</u>	<u>AM</u>	<u>9:45</u>
						MILES FROM STATION TO WELL			<u>20</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Rob S...
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA2 Cement	SK	155		
CP 103	CO/40 P02	SK	75		
CL 102	CELLO-Flake	lb	39		
CL 105	D-foamer	lb	37		
CL 111	SALT	lb	696		
CL 115	Gas-Blots	lb	146		
CL 124	FLA-322	lb	146		
CL 201	Galsomite	lb	1925		
CF 116	Latch Drive Plug	eq	1		
CF 1250	Auto Fill Float shoe	eq	1		
CF 1650	Turbolizer	eq	8		
CF 1900	Basket	eq	2		
CF 2002	Scratchers	eq	30		
CL 154	Super Flysh	gal	500		
E 100	Pickup Mileage	mi	20		
E 101	Heavy Mileage	mi	40		
E 113	Bulk Delivery	TM	211		
E 205	Drill Charge	4hr	1		
CE 240205	Mining Charge	SK	230		

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	<u>DLS</u>
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Rob S...
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer 7.9. HULL	Lease No.	Date 7-30-13	
Lease BELL A	Well # 1.7		
Field Order # 5807	Station PRATT KS	Casing 4 1/2	Depth 4878
Type Job CNW 4 1/2 Long string	Formation	County BARBER	State KS

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
4 1/2								
Depth 4878	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 77	Volume	From	To	Pad	Min		10 Min.	
Max Press 1800	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 4852	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager DAVE SCOTT	Treater Rob J. [Signature]
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Service Units	37900	23708	20920	19826	198160					
Driver Names	Sullivan	Molson		Bowler						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:45					on line lift
					Ran 100 STS 4 1/2 " 10.5 csg
					BASKET 6, 11 cont. 5, 7, 8, 9, 10, 11, 12
5:30					CASING ON BOTTOM
5:40					Hook Dip Circ. wait on WATER
8:20	250		12	3	1st Super Flush
			5		1st spacer
			6	5.5	mix Scavenger cont 25 sk @ 13.5 gpg
			39		mix AH-2 cont 155 sk @ 15.0 gpg
					cont mixed shot down with liner, pump
					Release Plug
	150			6	1st Deep
	350				Lift Ps.
	600			4	Slow Rate
9:00	1800		77		plug down
			7	2	plug RH w/ 30 sk
			6		plug MH w/ 20 sk
					JOB Complete
					Thank You!

