



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1159085 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: _____



1159085

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 <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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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> <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	F. G. Holl Company L.L.C.
Well Name	NEUFORTH 1-7
Doc ID	1159085

All Electric Logs Run

BHCS
CDL/CNL
DIL
CPI
Sonic Cement Bond Log

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	NEUFORTH 1-7
Doc ID	1159085

Tops

Name	Top	Datum
Anhydrite	893	+1046
Herrington	1804	+135
Winfield	1860	+79
Towanda	1926	+13
Fort Riley	1957	-18
B/Florence	2053	-114
Kinney Ls	2078	-139
Wrefold	2106	-167
Council Grove	2124	-185
Crouse	2164	-225
Neva	2302	-363
Red Eagle	2363	-424
Onaga Shale	2508	-569
Wabaunsee	2530	-591
Stotler	2647	-708
Tarkio	2707	-768
Howard	2845	-906
Severy Shale	2888	-949
Topeka	2925	-986
Heebner	3164	-1225
Toronto	3178	-1239
Douglas Shale	3192	-1253
Brown Lime	3244	-1305
Lansing	3252	-1313

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	NEUFORTH 1-7
Doc ID	1159085

Tops

Name	Top	Datum
Drum	3395	-1456
BKC	3480	-1541
Arbuckle	3587	-1648
RTD	3800	-1861

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	NEUFORTH 1-7
Doc ID	1159085

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3588' - 3593'	500 gal 10% acetic acid	
4	3395'-3399' LKC	2500 gal 20% nefe acid	
4	Reperf 3395' - 3399'		
4	3300' - 3304' LKC		
4	3306' - 3308', 3294' - 3297' BP @ 3364'		
4	3253'-3257', 3262'-3267', 3280'-3283'	500 gal 15% nefe acid	

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

September 19, 2013

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

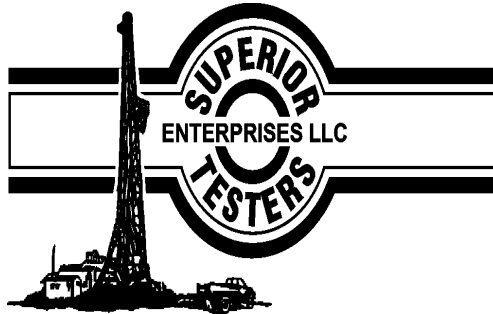
Re: ACO1
API 15-009-25851-00-00
NEUFORTH 1-7
SW/4 Sec.07-19S-14W
Barton County, Kansas

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



DRILL STEM TEST REPORT

Prepared For: **F G Holl Company**

9431 East Central STE 100
Wichita Kansas 67206

ATTN: Renna Husted

Neuforth 1-7

7-19s-14w-Barton

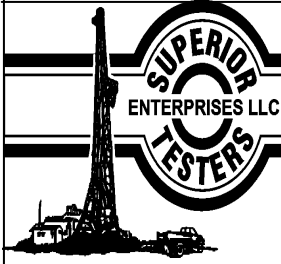
Start Date: 2013.07.06 @ 05:00:00

End Date: 2013.07.06 @ 10:09:00

Job Ticket #: 17528 DST #: 1

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

Printed: 2013.07.06 @ 20:21:45



DRILL STEM TEST REPORT

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17528

DST#: 1

ATTN: Renna Hustead

Test Start: 2013.07.06 @ 05:00:00

GENERAL INFORMATION:

Formation: **Herington**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:26:30

Time Test Ended: 10:09:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-35

Interval: 1776.00 ft (KB) To 1862.00 ft (KB) (TVD)

Reference Elevations: 1938.00 ft (KB)

Total Depth: 1862.00 ft (KB) (TVD)

1931.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6806 Outside

Press @ RunDepth: 97.48 psia @ 1859.72 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.06

End Date: 2013.07.06

Last Calib.: 2013.07.06

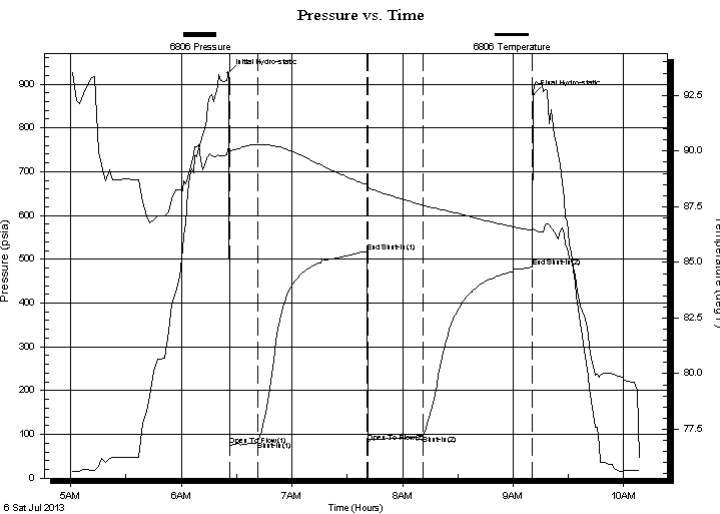
Start Time: 05:00:00

End Time: 10:09:00

Time On Btm: 2013.07.06 @ 06:25:30

Time Off Btm: 2013.07.06 @ 09:11:00

TEST COMMENT: 1st Open 15 minutes Weak building blow built to 5 inches into a 5 gallon bucket of water.
1st Shut in 60 minutes No blow back
2nd Open 30 minutes Weak building blow built to 5.5 inches into the water.
2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

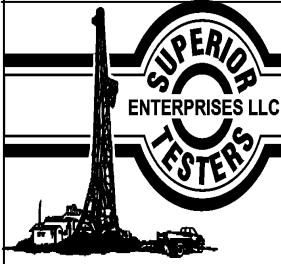
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	925.44	90.23	Initial Hydro-static
1	75.28	90.02	Open To Flow (1)
16	84.59	90.30	Shut-In(1)
75	517.51	88.49	End Shut-In(1)
76	83.07	88.35	Open To Flow (2)
106	97.48	87.57	Shut-In(2)
165	481.60	86.42	End Shut-In(2)
166	875.59	86.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud 110%	0.70

Gas Rates

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



DRILL STEM TEST REPORT

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17528

DST#: 1

ATTN: Renna Husted

Test Start: 2013.07.06 @ 05:00:00

GENERAL INFORMATION:

Formation: **Herington**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:26:30

Time Test Ended: 10:09:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-35

Interval: **1776.00 ft (KB) To 1862.00 ft (KB) (TVD)**

Reference Elevations: 1938.00 ft (KB)

Total Depth: 1862.00 ft (KB) (TVD)

1931.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6839 Inside

Press @ RunDepth: 481.60 psia @ 1858.72 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.06

End Date: 2013.07.06

Last Calib.: 2013.07.06

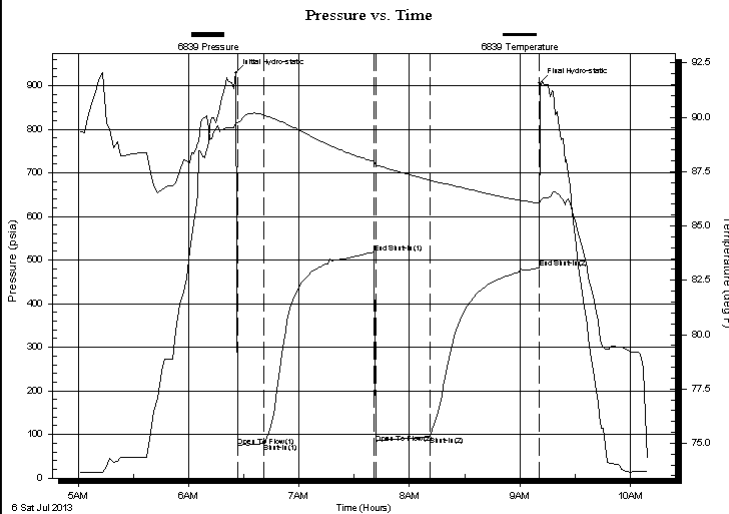
Start Time: 05:00:00

End Time: 10:09:30

Time On Btm: 2013.07.06 @ 06:25:30

Time Off Btm: 2013.07.06 @ 09:11:00

TEST COMMENT: 1st Open 15 minutes Wek building blow built to 5 inches into a 5 gallon bucket of w ater.
1st Shut in 60 minutes No blow back
2nd Open 30 minutes Weak building blow built to 5.5 inches into the w ater.
2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	928.91	89.76	Initial Hydro-static
1	73.66	89.73	Open To Flow (1)
16	79.43	90.09	Shut-In(1)
75	517.66	87.95	End Shut-In(1)
76	80.72	87.82	Open To Flow (2)
106	96.00	87.10	Shut-In(2)
165	481.60	86.03	End Shut-In(2)
166	905.90	86.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud 110%	0.70

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17528

DST#: 1

ATTN: Renna Hustead

Test Start: 2013.07.06 @ 05:00:00

Tool Information

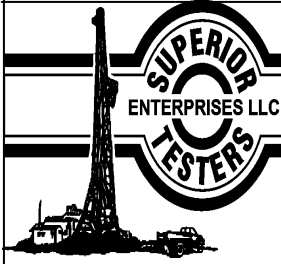
Drill Pipe:	Length: 1772.00 ft	Diameter: 3.80 inches	Volume: 24.86 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 36000.00 lb
			<u>Total Volume: 24.86 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	1776.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	86.72 ft			
Tool Length:	106.72 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			1761.00	
Hydraulic Tool	5.00			1766.00	
Packer	5.00			1771.00	20.00 Bottom Of Top Packer
Packer	5.00			1776.00	
Anchor	5.00			1781.00	
Change Over Sub	0.75			1781.75	
Drill Pipe	63.22			1844.97	
Change Over Sub	0.75			1845.72	
Anchor	12.00			1857.72	
Recorder	1.00	6839	Inside	1858.72	
Recorder	1.00	6806	Outside	1859.72	
Bull Plug	3.00			1862.72	86.72 Bottom Packers & Anchor

Total Tool Length: 106.72



DRILL STEM TEST REPORT

FLUID SUMMARY

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17528

DST#: 1

ATTN: Renna Husted

Test Start: 2013.07.06 @ 05:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 16.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 28000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Mud 110%	0.701

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

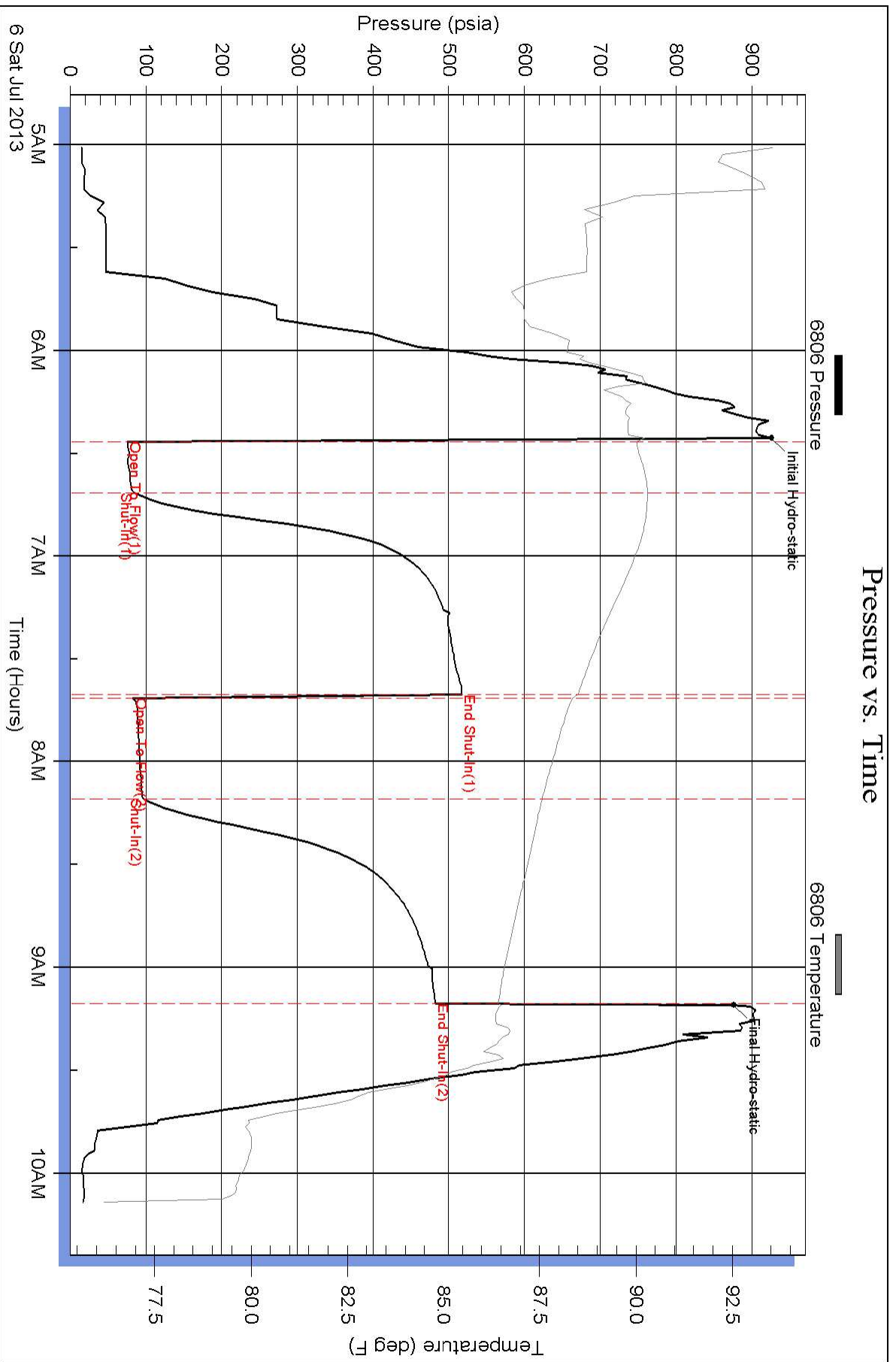
Serial #:

Laboratory Name:

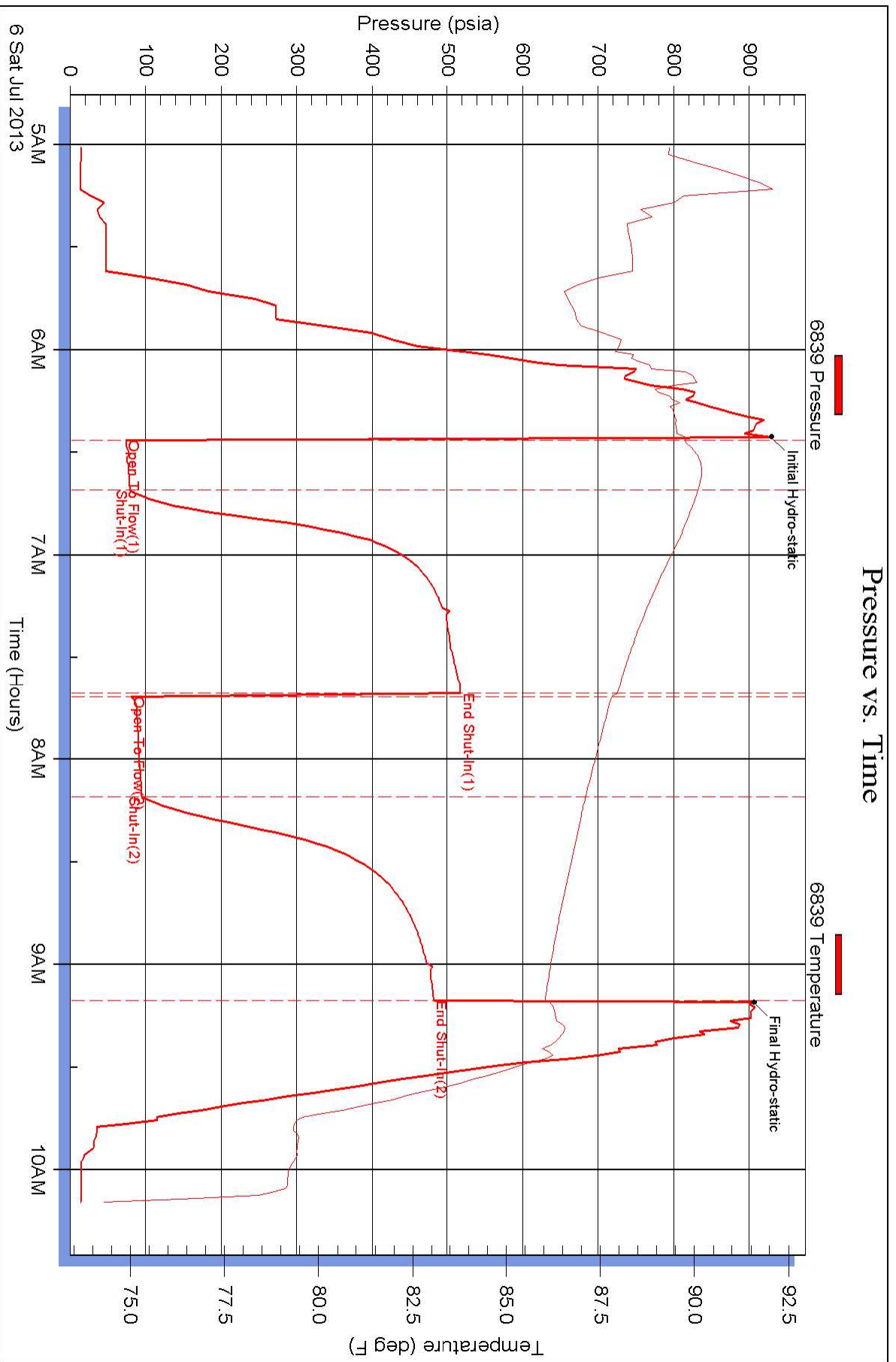
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **F G Holl Company**

9431 East Central STE 100
Wichita Kansas 67206

ATTN: Renna Husted

Neuforth 1-7

7-19s-14w-Barton

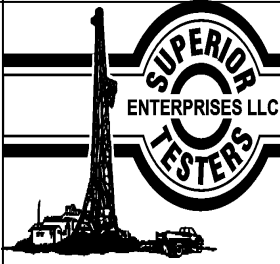
Start Date: 2013.07.08 @ 01:22:00

End Date: 2013.07.08 @ 05:36:00

Job Ticket #: 17530 DST #: 2

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

Printed: 2013.07.08 @ 15:46:34



DRILL STEM TEST REPORT

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

ATTN: Renna Hustead

Job Ticket: 17530

DST#: 2

Test Start: 2013.07.08 @ 01:22:00

GENERAL INFORMATION:

Formation: **Tarkio**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:43:00

Time Test Ended: 05:36:00

Interval: **2674.00 ft (KB) To 2721.00 ft (KB) (TVD)**

Total Depth: 2721.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-35

Reference Elevations: 1938.00 ft (KB)

1931.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: **6806** **Outside**

Press @RunDepth: 76.34 psia @ 2718.00 ft (KB)

Start Date: 2013.07.08

End Date: 2013.07.08

Start Time: 01:22:00

End Time: 05:36:00

Capacity: 5000.00 psia

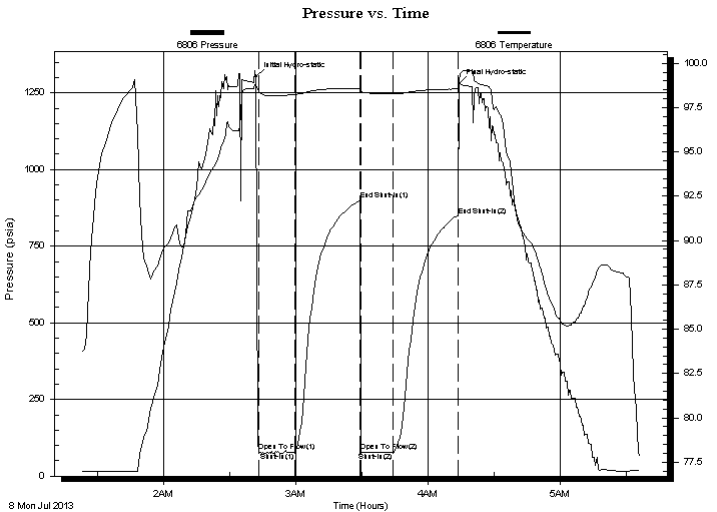
Last Calib.: 2013.07.08

Time On Btm: 2013.07.08 @ 02:42:00

Time Off Btm: 2013.07.08 @ 04:14:00

TEST COMMENT: 1st Open 15 minutes Weak blow built to 1 inch. into a 5 gallon bucket of water.
1st Shut in 30 minutes No blow back
2nd Open 15 minutes Weak surface blow died off.
2nd Shut in 30 minutes No blow back

PRESSURE SUMMARY



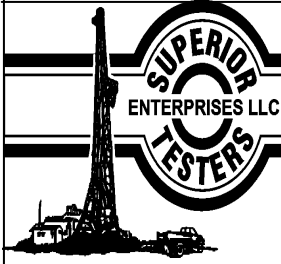
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1302.05	98.72	Initial Hydro-static
1	82.47	98.45	Open To Flow (1)
18	78.22	98.24	Shut-In(1)
47	899.61	98.58	End Shut-In(1)
48	80.72	98.40	Open To Flow (2)
62	76.34	98.28	Shut-In(2)
92	847.68	98.55	End Shut-In(2)
93	1280.42	98.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
41.00	Mud 100%	0.58

Gas Rates

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



DRILL STEM TEST REPORT

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17530

DST#: 2

ATTN: Renna Hustead

Test Start: 2013.07.08 @ 01:22:00

GENERAL INFORMATION:

Formation: **Tarkio**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:43:00

Time Test Ended: 05:36:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-35

Interval: 2674.00 ft (KB) To 2721.00 ft (KB) (TVD)

Reference Elevations: 1938.00 ft (KB)

Total Depth: 2721.00 ft (KB) (TVD)

1931.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6839 Inside

Press @ RunDepth: 852.77 psia @ 2717.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.08

End Date: 2013.07.08

Last Calib.: 2013.07.08

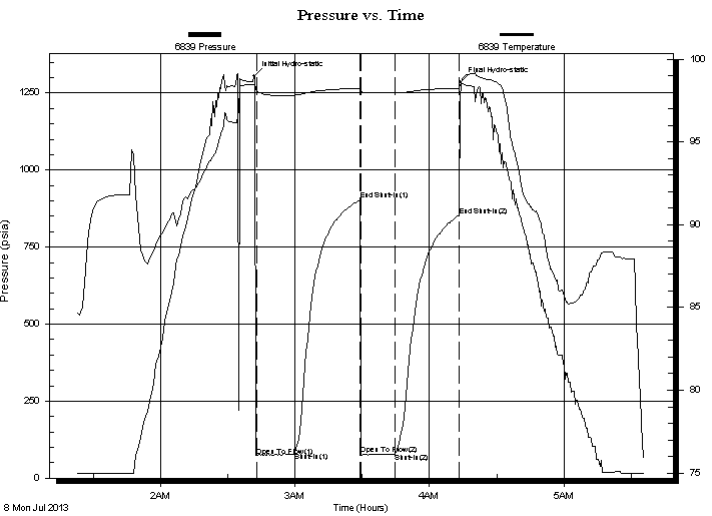
Start Time: 01:22:00

End Time: 05:36:00

Time On Btm: 2013.07.08 @ 02:42:00

Time Off Btm: 2013.07.08 @ 04:14:00

TEST COMMENT: 1st Open 15 minutes Weak blow built to 1 inch. into a 5 gallon bucket of water.
1st Shut in 30 minutes No blow back
2nd Open 15 minutes Weak surface blow died off.
2nd Shut in 30 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1306.76	98.50	Initial Hydro-static
1	72.51	98.09	Open To Flow (1)
18	84.86	97.83	Shut-In(1)
47	902.69	98.22	End Shut-In(1)
48	76.67	98.01	Open To Flow (2)
63	79.60	97.95	Shut-In(2)
91	852.77	98.23	End Shut-In(2)
92	1286.63	98.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
41.00	Mud 100%	0.58

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17530

DST#: 2

ATTN: Renna Hustead

Test Start: 2013.07.08 @ 01:22:00

Tool Information

Drill Pipe:	Length: 2677.00 ft	Diameter: 3.80 inches	Volume: 37.55 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 37.55 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	2674.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	75.00 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			2651.00	
Hydraulic Tool	5.00			2656.00	
Jars	6.00			2662.00	
Safety Joint	2.00			2664.00	
Packer	5.00			2669.00	28.00 Bottom Of Top Packer
Packer	5.00			2674.00	
Anchor	42.00			2716.00	
Recorder	1.00	6839	Inside	2717.00	
Recorder	1.00	6806	Outside	2718.00	
Bull Plug	3.00			2721.00	47.00 Bottom Packers & Anchor
Total Tool Length:	75.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17530

DST#: 2

ATTN: Renna Husted

Test Start: 2013.07.08 @ 01:22:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 42.00 sec/qt
Water Loss: 8.00 in³
Resistivity: ohm.m
Salinity: 6400.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
41.00	Mud 100%	0.575

Total Length: 41.00 ft Total Volume: 0.575 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

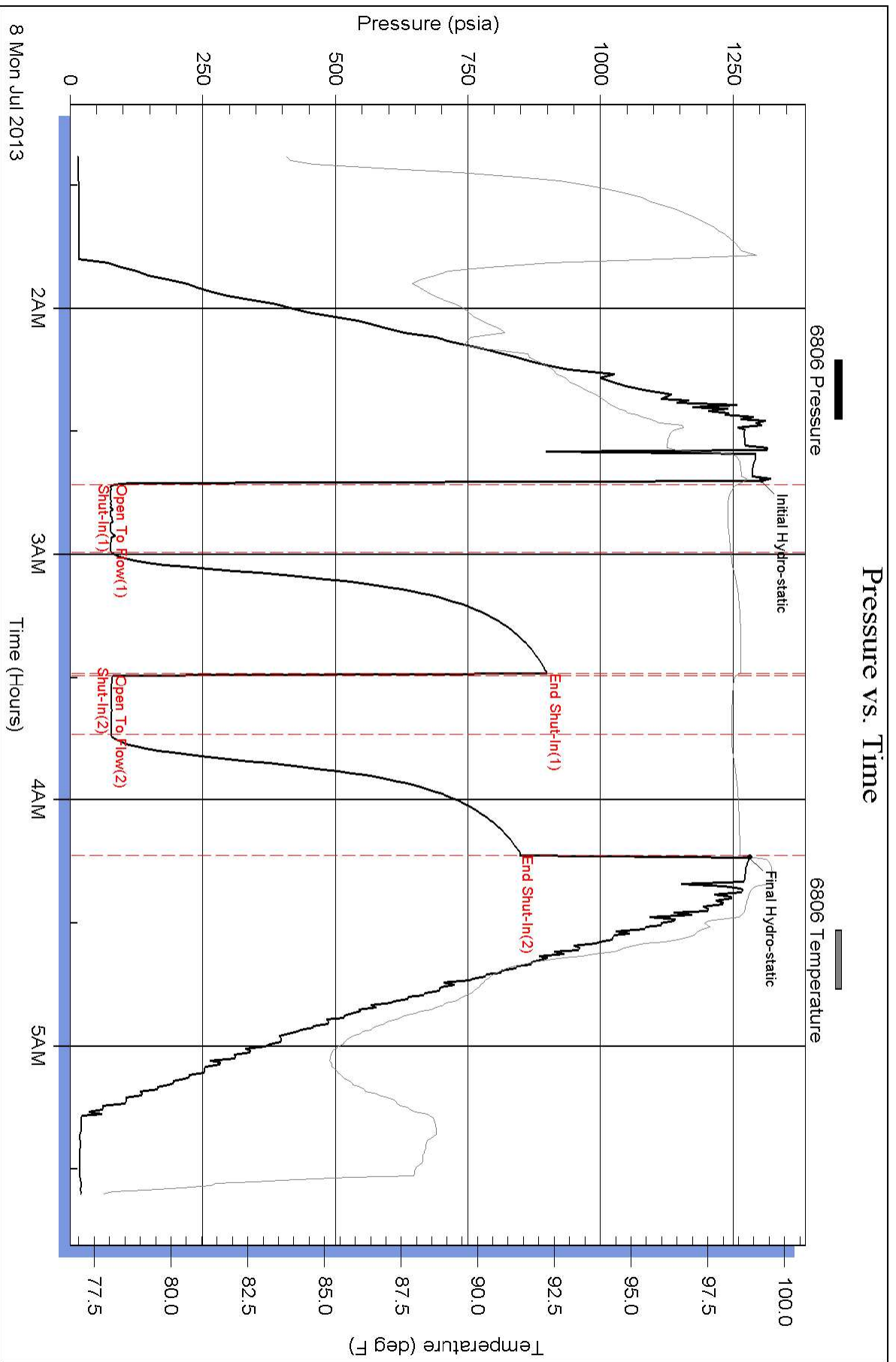
Serial #:

Laboratory Name:

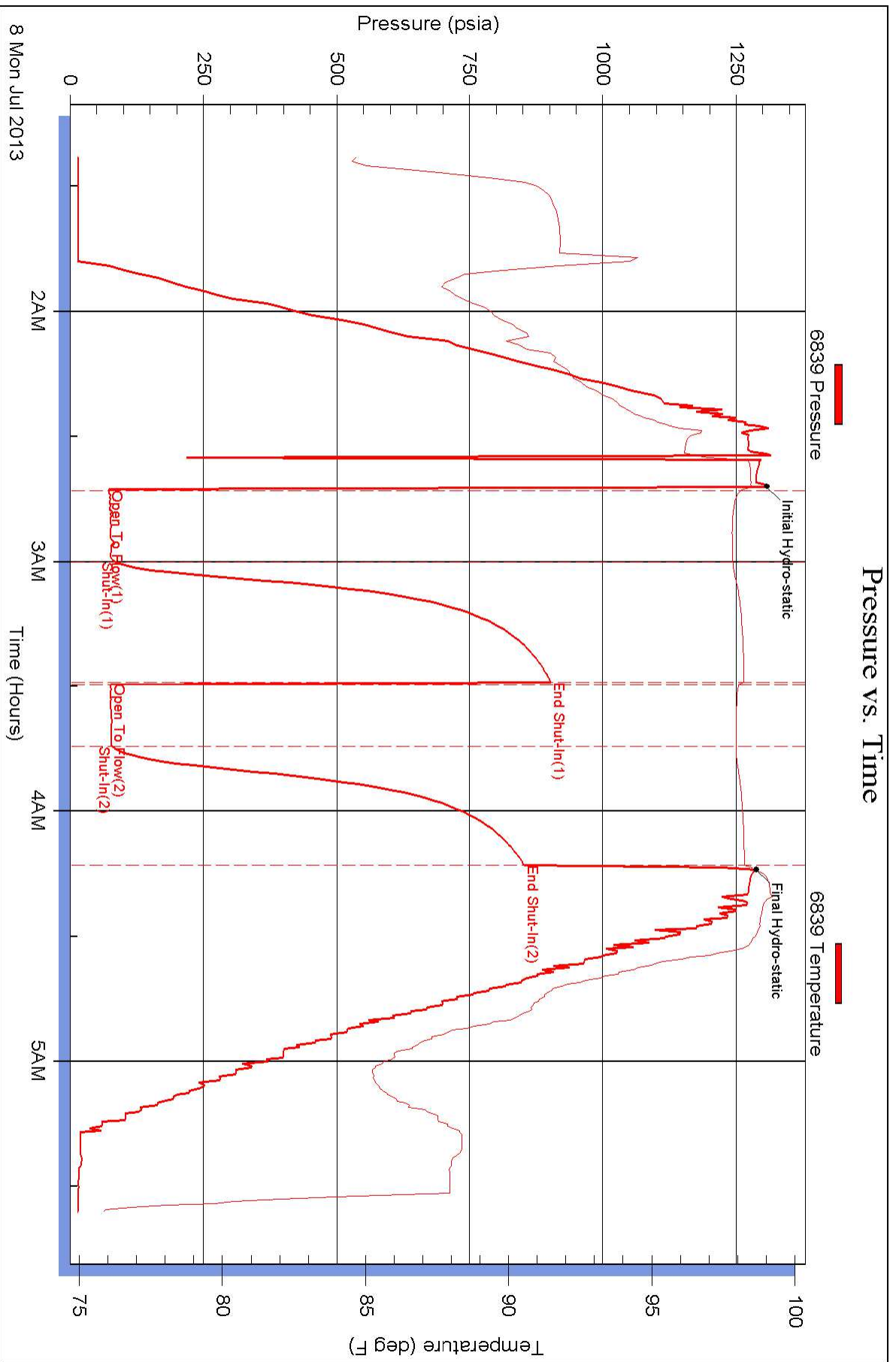
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **F G Holl Company**

9431 East Central STE 100
Wichita Kansas 67206

ATTN: Renna Husted

Neuforth 1-7

7-19s-14w-Barton

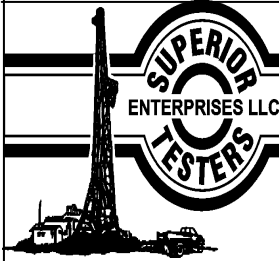
Start Date: 2013.07.10 @ 06:30:00

End Date: 2013.07.10 @ 13:04:00

Job Ticket #: 17531 DST #: 3

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

Printed: 2013.07.10 @ 11:25:22



DRILL STEM TEST REPORT

F G Holl Company
 9431 East Central STE 100
 Wichita Kansas 67206
 ATTN: Renna Hustead

7-19s-14w-Barton
Neuforth 1-7
 Job Ticket: 17531 **DST#: 3**
 Test Start: 2013.07.10 @ 06:30:00

GENERAL INFORMATION:

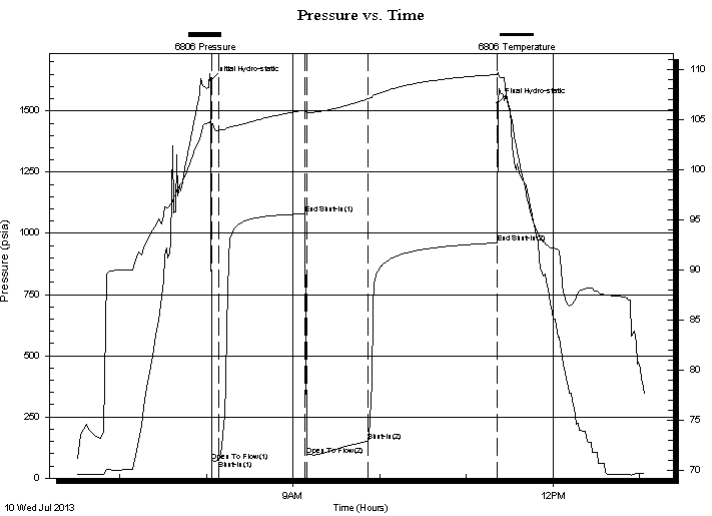
Formation: Lansing A		
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 08:03:30		Tester: Dustin Ellis
Time Test Ended: 13:04:00		Unit No: 3315-Great Bend-35
Interval: 3250.00 ft (KB) To 3282.00 ft (KB) (TVD)		Reference Elevations: 1938.00 ft (KB)
Total Depth: 3282.00 ft (KB) (TVD)		1931.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 7.00 ft

Serial #: 6806

Outside

Press @ Run Depth: 151.63 psia @ 3279.00 ft (KB)	Capacity: 5000.00 psia
Start Date: 2013.07.10	End Date: 2013.07.10
Start Time: 06:30:00	End Time: 13:04:00
Last Calib.: 2013.07.10	Time On Btm: 2013.07.10 @ 08:03:00
	Time Off Btm: 2013.07.10 @ 11:22:00

TEST COMMENT: 1st Open 5 minutes Strong blow built to the bottom of a 5 gallon bucket in 2 minutes.
 1st Shut in 60 minutes No blow back
 2nd Open 45 minutes Strong blow blew off bottom bucket instantly.
 2nd Shut in 90 minutes No blow back.



PRESSURE SUMMARY

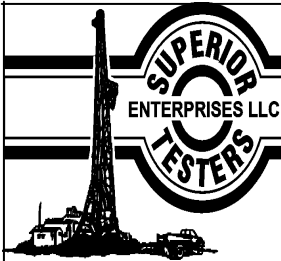
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1624.14	104.87	Initial Hydro-static
1	67.40	104.31	Open To Flow (1)
6	73.89	103.92	Shut-In(1)
66	1079.47	105.90	End Shut-In(1)
67	94.89	105.68	Open To Flow (2)
109	151.63	107.02	Shut-In(2)
199	961.42	109.47	End Shut-In(2)
199	1533.09	109.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
305.00	Gassy oil cut mud	4.28
0.00	Oil 65% Gas 30% Mud 5%	0.00
0.00	2733 gas in pipe.	0.00

Gas Rates

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



DRILL STEM TEST REPORT

F G Holl Company
 9431 East Central STE 100
 Wichita Kansas 67206
 ATTN: Renna Hustead

7-19s-14w-Barton
Neuforth 1-7
 Job Ticket: 17531 **DST#: 3**
 Test Start: 2013.07.10 @ 06:30:00

GENERAL INFORMATION:

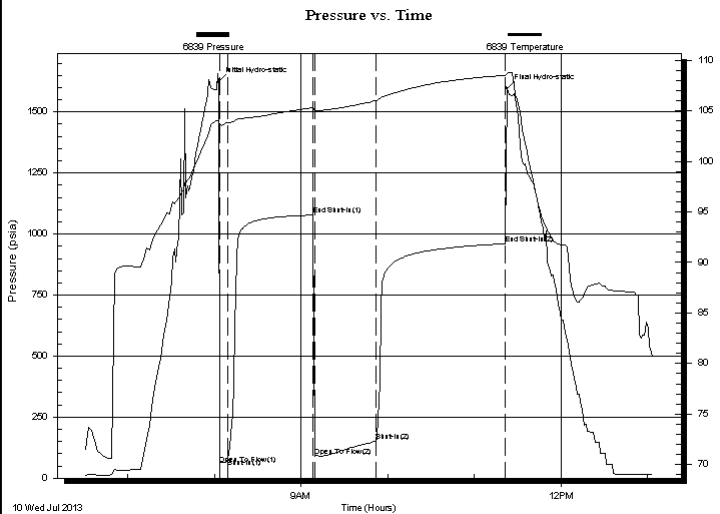
Formation: **Lansing A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:03:30
 Time Test Ended: 13:04:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-35
 Interval: **3250.00 ft (KB) To 3282.00 ft (KB) (TVD)**
 Reference Elevations: 1938.00 ft (KB)
 Total Depth: 3282.00 ft (KB) (TVD)
 1931.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 7.00 ft

Serial #: 6839

Inside

Press @ Run Depth: 960.14 psia @ 3278.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.10 End Date: 2013.07.10 Last Calib.: 2013.07.10
 Start Time: 06:30:00 End Time: 13:04:00 Time On Btm: 2013.07.10 @ 08:03:00
 Time Off Btm: 2013.07.10 @ 11:22:30

TEST COMMENT: 1st Open 5 minutes Strong blow built to the bottom of a 5 gallon bucket in 2 minutes.
 1st Shut in 60 minutes No blow back
 2nd Open 45 minutes Strong blow blew off bottom bucket instantly.
 2nd Shut in 90 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1622.48	104.14	Initial Hydro-static
1	58.37	103.54	Open To Flow (1)
7	83.17	103.83	Shut-In(1)
66	1077.68	105.33	End Shut-In(1)
67	88.81	105.08	Open To Flow (2)
109	151.13	106.02	Shut-In(2)
199	960.14	108.50	End Shut-In(2)
200	1596.75	108.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
305.00	Gassy oil cut mud	4.28
0.00	Oil 65% Gas 30% Mud 5%	0.00
0.00	2733 gas in pipe.	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17531

DST#: 3

ATTN: Renna Hustead

Test Start: 2013.07.10 @ 06:30:00

Tool Information

Drill Pipe:	Length: 3244.00 ft	Diameter: 3.80 inches	Volume: 45.50 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 45.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3250.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 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			3227.00	
Hydraulic Tool	5.00			3232.00	
Jars	6.00			3238.00	
Safety Joint	2.00			3240.00	
Packer	5.00			3245.00	28.00 Bottom Of Top Packer
Packer	5.00			3250.00	
Anchor	27.00			3277.00	
Recorder	1.00	6839	Inside	3278.00	
Recorder	1.00	6806	Outside	3279.00	
Bull Plug	3.00			3282.00	32.00 Bottom Packers & Anchor
Total Tool Length:	60.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17531

DST#: 3

ATTN: Renna Hustead

Test Start: 2013.07.10 @ 06:30:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 9.20 in³
Resistivity: ohm.m
Salinity: 9500.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
305.00	Gassy oil cut mud	4.278
0.00	Oil 65% Gas 30% Mud 5%	0.000
0.00	2733 gas in pipe.	0.000

Total Length: 305.00 ft Total Volume: 4.278 bbl

Num Fluid Samples: 0

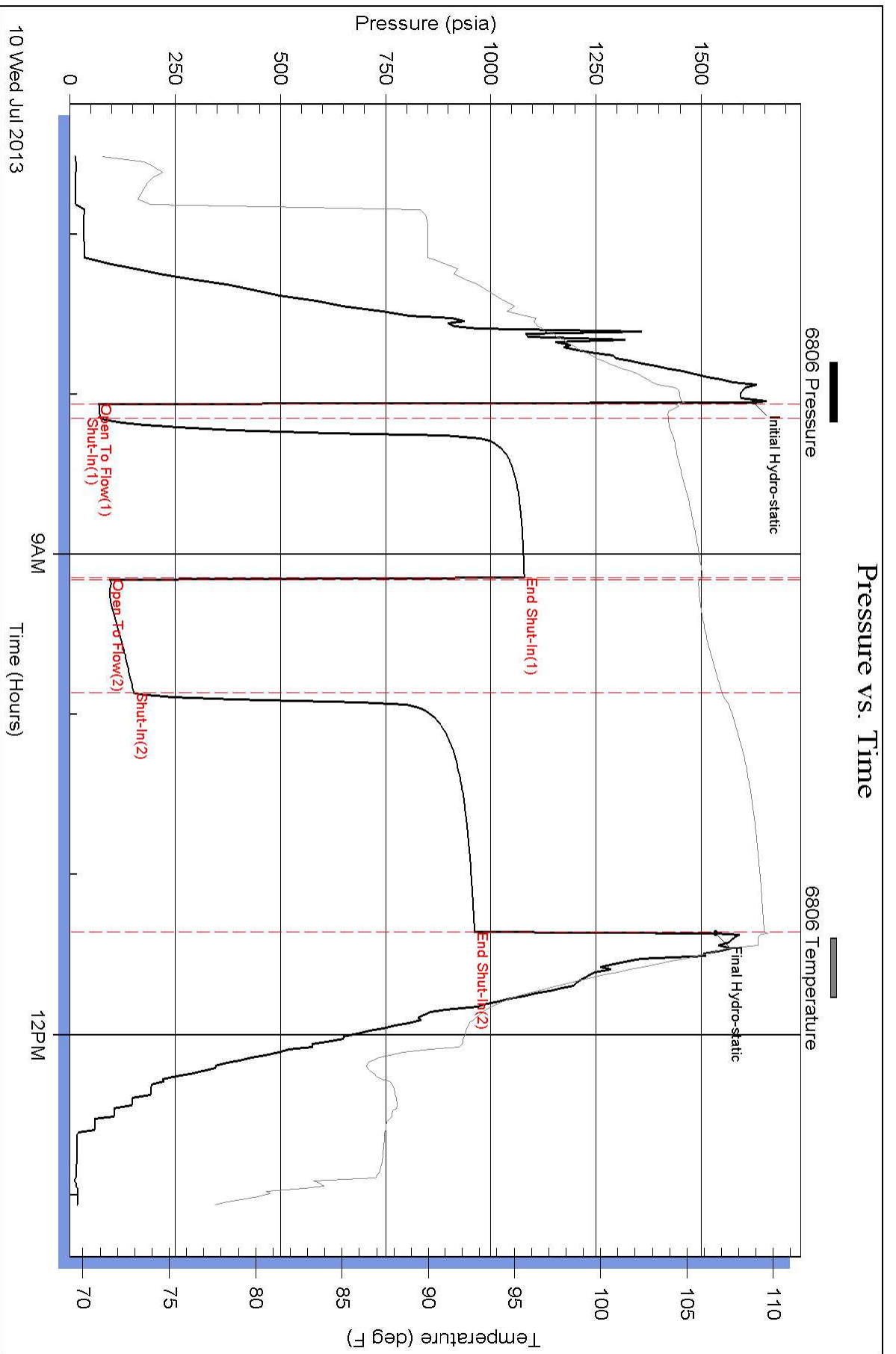
Num Gas Bombs: 0

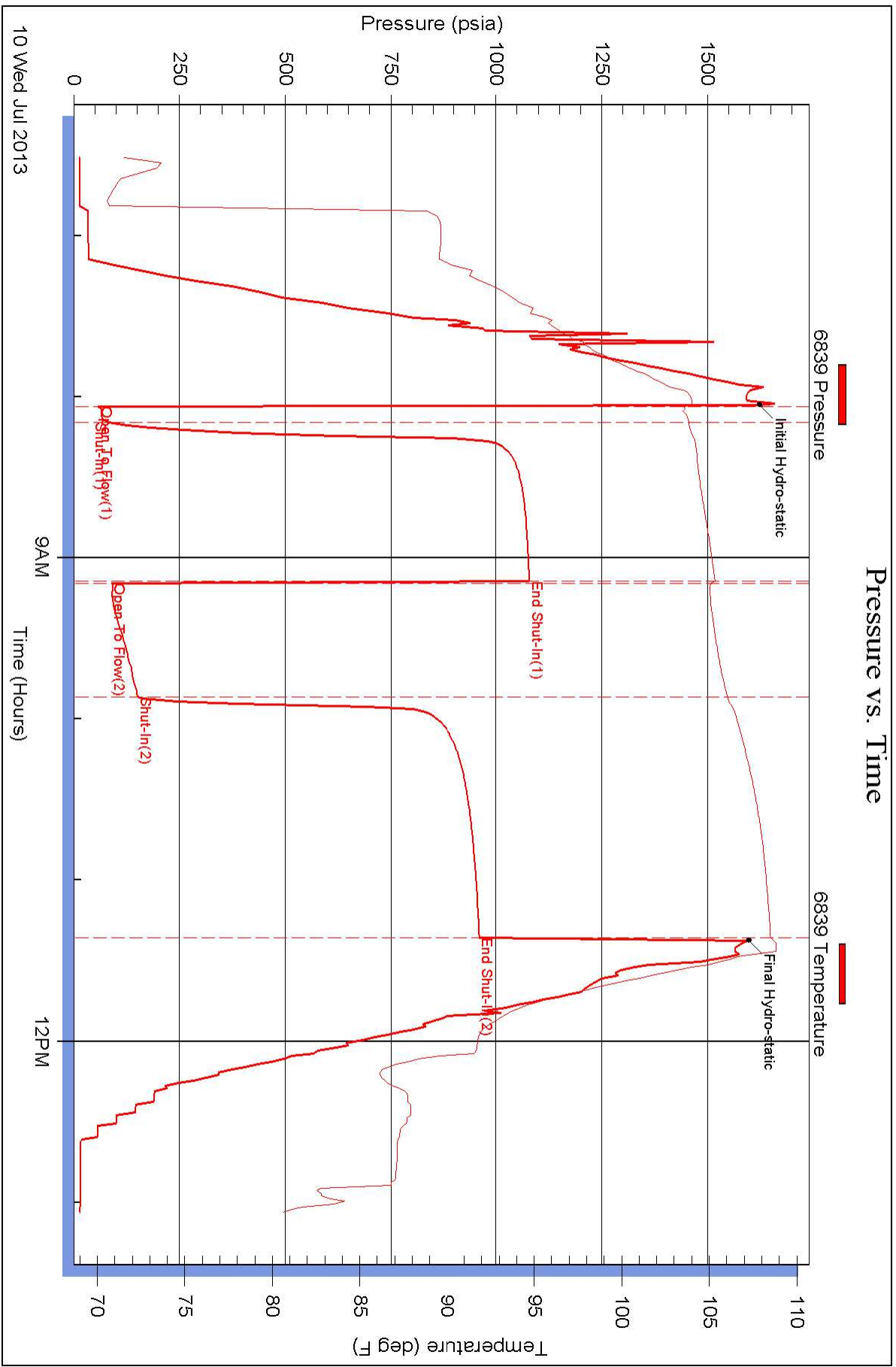
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **F G Holl Company**

9431 East Central STE 100
Wichita Kansas 67206

ATTN: Renna Husted

Neuforth 1-7

7-19s-14w-Barton

Start Date: 2013.07.10 @ 08:25:00

End Date: 2013.07.10 @ 15:29:30

Job Ticket #: 17532 DST #: 4

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

Printed: 2013.07.11 @ 02:08:47



DRILL STEM TEST REPORT

F G Holl Company
 9431 East Central STE 100
 Wichita Kansas 67206
 ATTN: Renna Hustead

7-19s-14w-Barton
Neuforth 1-7
 Job Ticket: 17532 **DST#: 4**
 Test Start: 2013.07.10 @ 08:25:00

GENERAL INFORMATION:

Formation: **Lansing B-C-D-E-F-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:53:30

Time Test Ended: 15:29:30

Interval: 3283.00 ft (KB) To 3309.00 ft (KB) (TVD)

Total Depth: 3315.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-35

Reference Elevations: 1938.00 ft (KB)

1931.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6839 Outside

Press @ RunDepth: 406.20 psia @ 3285.16 ft (KB)

Start Date: 2013.07.10

Start Time: 08:25:00

End Date: 2013.07.10

End Time: 15:29:30

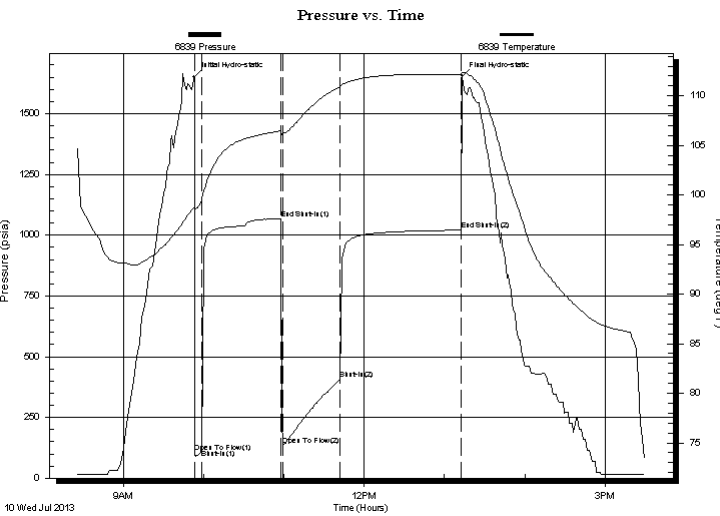
Capacity: 5000.00 psia

Last Calib.: 2013.07.11

Time On Btm: 2013.07.10 @ 09:53:00

Time Off Btm: 2013.07.10 @ 13:13:30

TEST COMMENT: 1st Open 5 minutes Strong blow built to the bottom of a 5 gallon bucket of water in 1 minute.
 1st Shut in 60 minutes No blow back
 2nd Open 45 minutes Strong blow built to the bottom of a 5 gallon bucket of water in 2 minutes.
 2nd Shut in 90 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1652.22	98.75	Initial Hydro-static
1	104.33	98.48	Open To Flow (1)
6	118.55	99.66	Shut-In(1)
65	1067.30	106.47	End Shut-In(1)
66	133.49	106.25	Open To Flow (2)
109	406.20	110.90	Shut-In(2)
200	1020.27	112.19	End Shut-In(2)
201	1653.38	112.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
183.00	Gassy oil cut mud	2.57
0.00	Oil 60% Gas 25% Mud 15%	0.00
366.00	Clean gassy oil 100%	5.13
305.00	Water 100%	4.28
0.00	Chlorides 16,000 ..2ohms @54degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

F G Holl Company
 9431 East Central STE 100
 Wichita Kansas 67206
 ATTN: Renna Husted

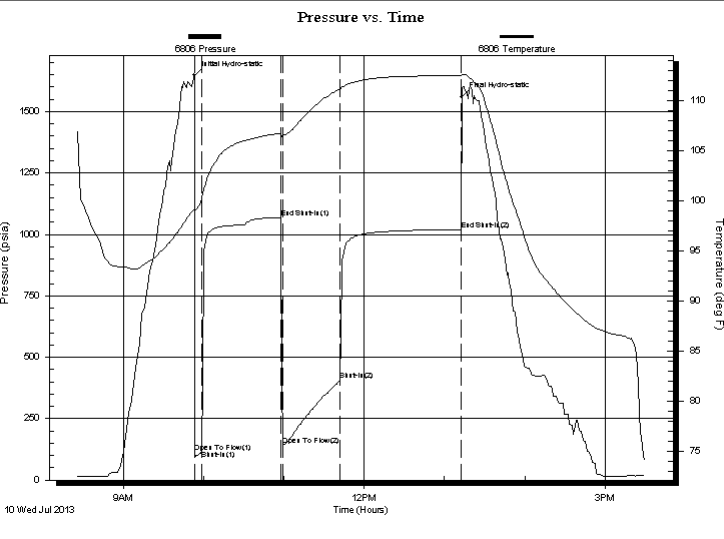
7-19s-14w-Barton
Neuforth 1-7
 Job Ticket: 17532 **DST#: 4**
 Test Start: 2013.07.10 @ 08:25:00

GENERAL INFORMATION:

Formation: **Lansing B-C-D-E-F-G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:53:30
 Time Test Ended: 15:29:30
 Interval: **3283.00 ft (KB) To 3309.00 ft (KB) (TVD)**
 Total Depth: 3315.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-35
 Reference Elevations: 1938.00 ft (KB)
 1931.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6806 Outside
 Press @ Run Depth: 1020.43 psia @ 3285.16 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.10 End Date: 2013.07.10 Last Calib.: 2013.07.11
 Start Time: 08:25:00 End Time: 15:29:30 Time On Btm: 2013.07.10 @ 09:53:00
 Time Off Btm: 2013.07.10 @ 13:13:00

TEST COMMENT: 1st Open 5 minutes Strong blow built to the bottom of a 5 gallon bucket of water in 1 minute.
 1st Shut in 60 minutes No blow back
 2nd Open 45 minutes Strong blow built to the bottom of a 5 gallon bucket of water in 2 minutes.
 2nd Shut in 90 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1648.01	99.18	Initial Hydro-static
1	114.33	98.92	Open To Flow (1)
6	121.32	100.42	Shut-In(1)
65	1068.20	106.78	End Shut-In(1)
66	140.99	106.58	Open To Flow (2)
109	405.38	111.17	Shut-In(2)
200	1020.43	112.49	End Shut-In(2)
200	1560.43	112.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
183.00	Gassy oil cut mud	2.57
0.00	Oil 60% Gas 25% Mud 15%	0.00
366.00	Clean gassy oil 100%	5.13
305.00	Water 100%	4.28
0.00	Chlorides 16,000 ..2ohms @54degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17532

DST#: 4

ATTN: Renna Hustead

Test Start: 2013.07.10 @ 08:25:00

GENERAL INFORMATION:

Formation: **Lansing B-C-D-E-F-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:53:30

Time Test Ended: 15:29:30

Test Type: Conventional Straddle (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-35

Interval: 3283.00 ft (KB) To 3309.00 ft (KB) (TVD)

Reference Elevations: 1938.00 ft (KB)

Total Depth: 3315.00 ft (KB) (TVD)

1931.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8524 Below

Press @ Run Depth: psia @ 3312.89 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.07.10

End Date: 2013.07.10

Last Calib.: 2013.07.11

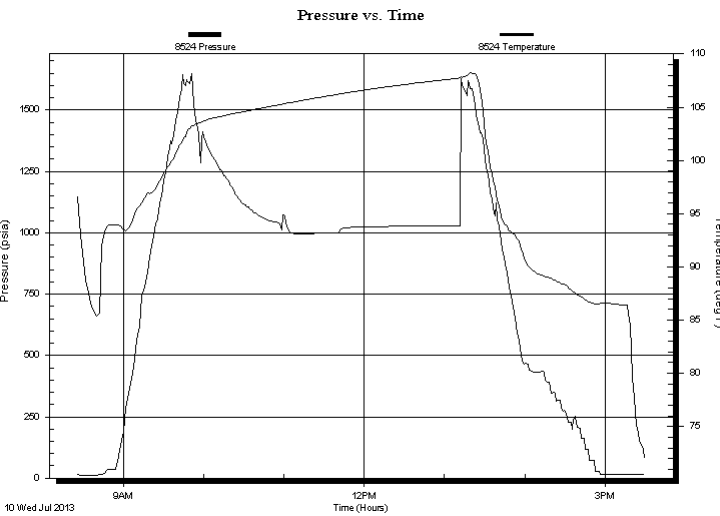
Start Time: 08:25:00

End Time: 15:29:30

Time On Btm:

Time Off Btm:

TEST COMMENT: 1st Open 5 minutes Strong blow built to the bottom of a 5 gallon bucket of water in 1 minute.
1st Shut in 60 minutes No blow back
2nd Open 45 minutes Strong blow built to the bottom of a 5 gallon bucket of water in 2 minutes.
2nd Shut in 90 minutes Yes blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
183.00	Gassy oil cut mud	2.57
0.00	Oil 60% Gas 25% Mud 15%	0.00
366.00	Clean gassy oil 100%	5.13
305.00	Water 100%	4.28
0.00	Chlorides 16,000 ..2ohms @54degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17532

DST#: 4

ATTN: Renna Hustead

Test Start: 2013.07.10 @ 08:25:00

Tool Information

Drill Pipe:	Length: 3276.00 ft	Diameter: 3.80 inches	Volume: 45.95 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			Total Volume: 45.95 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.61 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3283.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	3309.37 ft			
Interval between Packers:	26.37 ft			
Tool Length:	53.28 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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P.O. Sub	0.31			3260.70	
C.O. Sub	0.31			3261.01	
P.O. Sub	0.31			3261.32	
Recorder	1.80		Fluid	3263.12	
Conv. S.I. Tool	1.52			3264.64	
Sampler	1.10			3265.74	
HMV	2.10			3267.84	
Recorder	1.80		Inside	3269.64	
Telemetry Tool	7.01			3276.65	
Jars	2.05			3278.70	
Bypass Hanger	0.32			3279.02	
Safety Joint	0.78			3279.80	
Packer	1.78			3281.58	22.61 Bottom Of Top Packer
Packer	1.42			3283.00	
Stubb	0.36			3283.36	
Recorder Carrier	1.80			3285.16	
Recorder	0.00	6839	Outside	3285.16	
Recorder	0.00	6806	Outside	3285.16	
Perforations	23.00			3308.16	
Bypass Receiver	0.85			3309.01	
Blank Spacing	0.00			3309.01	
Stubb	0.36			3309.37	26.37 Tool Interval
Packer	1.42			3310.79	
Bypass Hanger	0.30			3311.09	
Recorder	1.80	8524	Below	3312.89	
Collar	0.00			3312.89	



DRILL STEM TEST REPORT

FLUID SUMMARY

F G Holl Company

7-19s-14w-Barton

9431 East Central STE 100
Wichita Kansas 67206

Neuforth 1-7

Job Ticket: 17532

DST#: 4

ATTN: Renna Hustead

Test Start: 2013.07.10 @ 08:25:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 9.20 in³
Resistivity: ohm.m
Salinity: 8400.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
183.00	Gassy oil cut mud	2.567
0.00	Oil 60% Gas 25% Mud 15%	0.000
366.00	Clean gassy oil 100%	5.134
305.00	Water 100%	4.278
0.00	Chlorides 16,000 ..2ohms @54degrees	0.000

Total Length: 854.00 ft Total Volume: 11.979 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

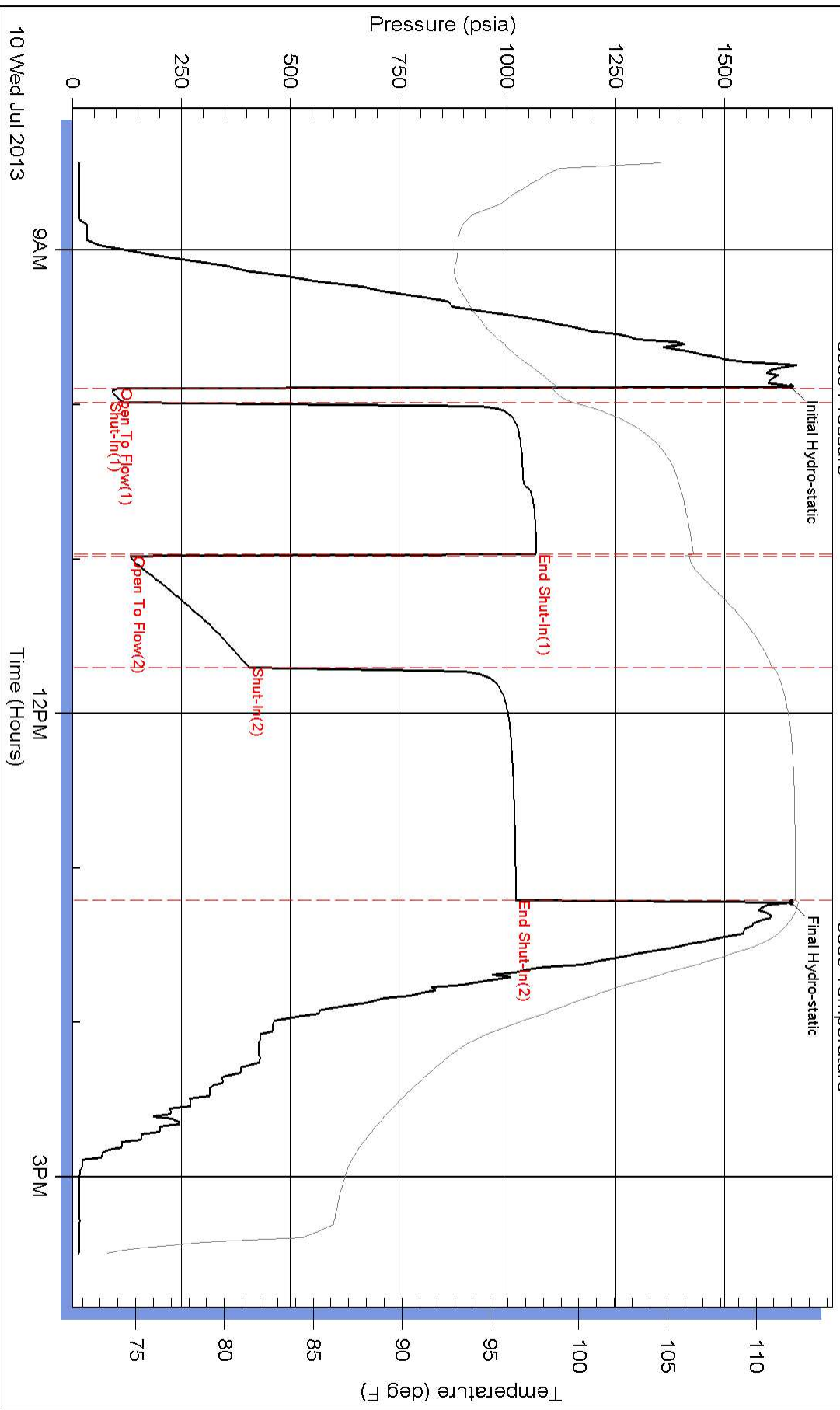
Serial #:

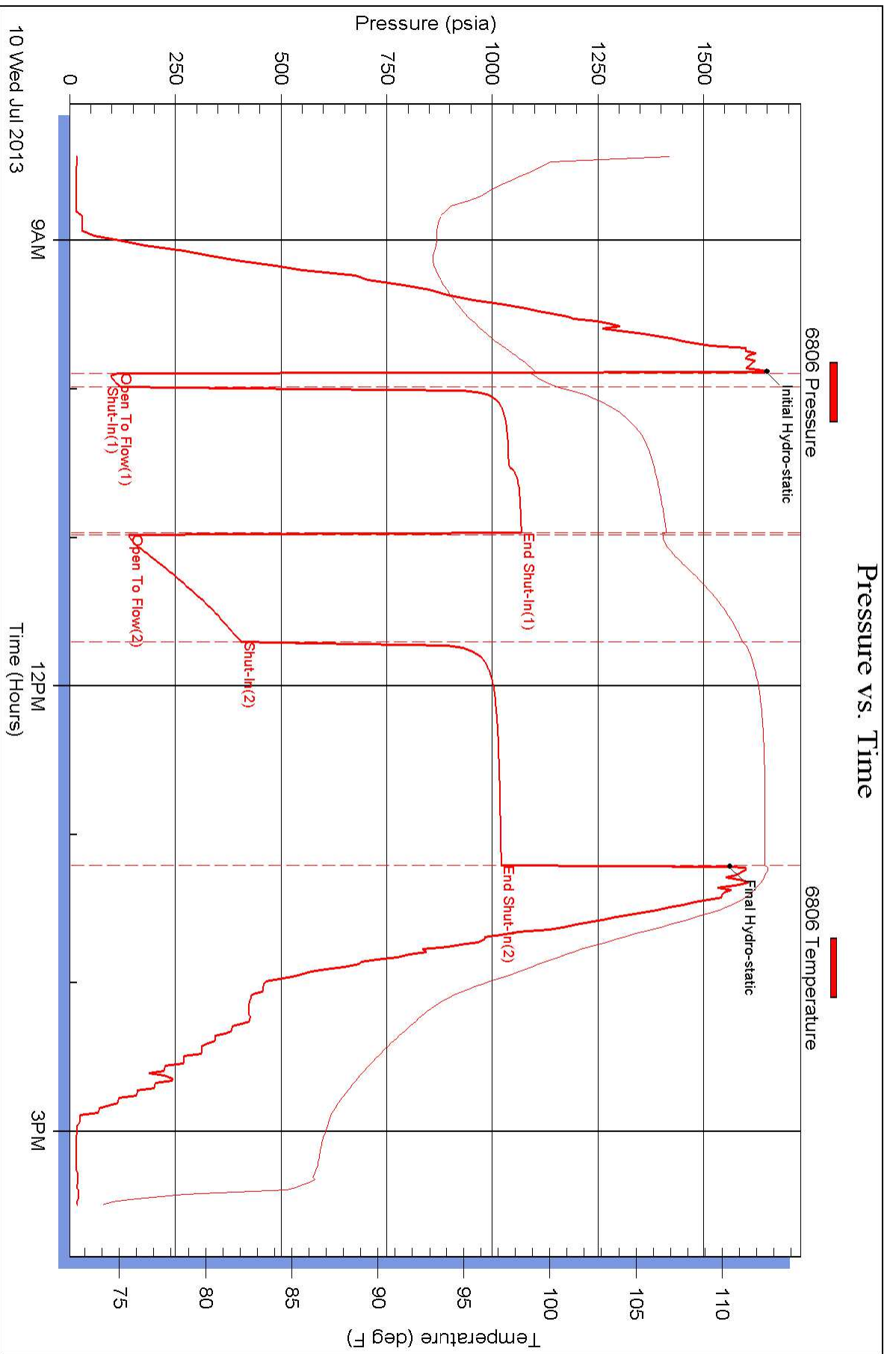
Laboratory Name:

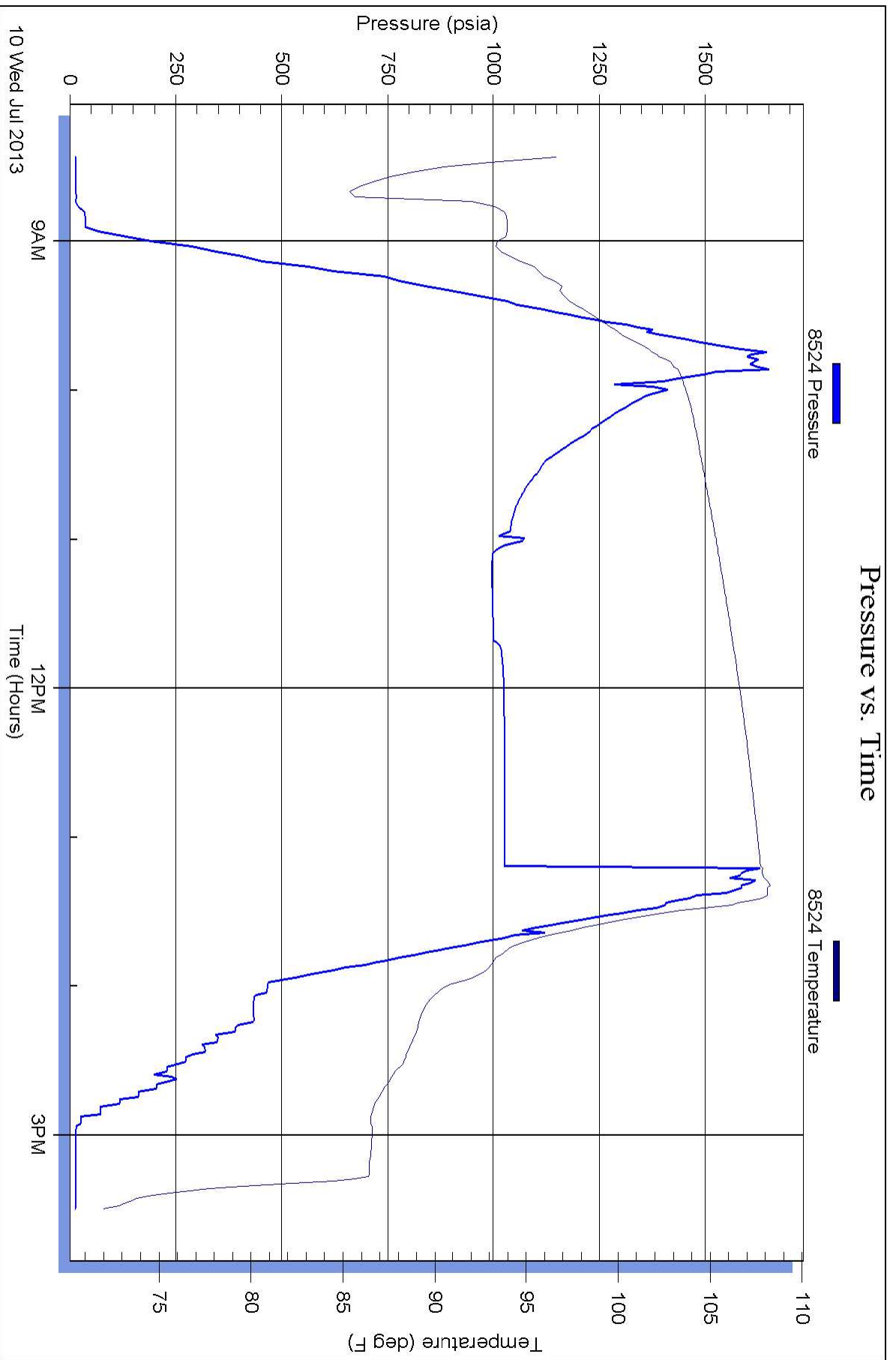
Laboratory Location:

Recovery Comments:

Pressure vs. Time









BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIPELINE

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

FIELD SERVICE TICKET
1718 08780 A

DATE _____ TICKET NO. _____

DATE OF JOB: 7-4-83		DISTRICT: MURKIN/KS		NEW WELL <input type="checkbox"/>		OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/>		INJ <input type="checkbox"/>		WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: F. G. HOLL				LEASE: NEUPORTH 1-7				WELL NO.:							
ADDRESS:				COUNTY: MITCHELL				STATE: KS							
CITY:				STATE:				SERVICE CREW: K.C. TH. ROSE							
AUTHORIZED BY:				JOB TYPE: CLEAN-UP											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME					
14507							9-11			11:00					
						ARRIVED AT JOB				AM					
						START OPERATION				AM					
						FINISH OPERATION				AM					
						RELEASED				AM					
						MILES FROM STATION TO WELL				60					

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

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SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
14105	CONCRETE	sq	50		
14130	11-530	gal	5		
E100	1 1/2" DIA HOLE	line	60		
E101	THICK HOLE	line	170		
E113	1 1/2" DIA HOLE	line	141		
14204	1 1/2" DIA HOLE	line	170		
14240	1 1/2" DIA HOLE	sq	50		
14310	THICK HOLE	line	1		
5003	SPURRING	line	1		

CHEMICAL / ACID DATA:			

SUB-TOTAL		1166.70
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: K. Conroy	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
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FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



energy services, L.P.

TREATMENT REPORT

Customer <i>FG Holl</i>	Lease No.	Date <i>9-4-13</i>
Lease <i>WELLFORTH</i>	Well # <i>1-7</i>	
Field Order # <i>8780</i>	Station <i>PRATT, KS</i>	Casing <i>5/2</i>
Type Job <i>CNW-SQUEEZE</i>	Depth	County <i>BARTON</i>
	Formation <i>KC</i>	State <i>KS</i>
	Legal Description <i>7-19-14</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5/2</i>	<i>2 7/8</i>			Pre Pad	Max		5 Min.	
Depth	Depth	From	To	Pad	Min		10 Min.	
<i>1.5</i>	<i>12.9</i>	<i>3395</i>	<i>3399</i>	Frac	Avg		15 Min.	
Max Press	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth	Perfor Depth	From	To					

Customer Representative <i>POB</i>	Station Manager <i>KEVIN</i>	Treater <i>CORDLEY</i>
Service Units <i>19967</i>	<i>27463</i>	<i>19831-19862</i>
Driver Names <i>KG</i>	<i>JA</i>	<i>TESSE</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1430</i>					<i>ON LOCATION</i>
<i>1450</i>	<i>500</i>		<i>1</i>	<i>1</i>	<i>LOAD ANN-500th</i>
		<i>400</i>		<i>2.8</i>	<i>INT. RATE TBC-2.8BPM 400th</i>
<i>1500</i>		<i>400</i>	<i>5</i>	<i>2.8</i>	<i>PUMP 5 bbl OIL SPACER</i>
		<i>460</i>	<i>14</i>	<i>2.8</i>	<i>PUMP 50 SB DUC CEMENT</i>
		<i>600</i>	<i>5</i>	<i>2</i>	<i>PUMP 5 bbl OIL SPACER</i>
		<i>900</i>	<i>0</i>	<i>2</i>	<i>START H₂O FLUSH</i>
		<i>1100</i>	<i>2</i>		<i>STOP PUMP</i>
		<i>1100</i>	<i>3</i>	<i>1/4</i>	<i>SPACING-1 bbl</i>
<i>1520</i>					<i>STOP- WAIT 20 MIN</i>
<i>1540</i>		<i>700</i>			<i>REVERSE- FLOW BACK 1 bbl</i>
		<i>900</i>			<i>PUMP 1 bbl BACK- WAIT 20 MIN</i>
<i>1630</i>					<i>REVERSE- HOLD</i>
<i>1615</i>	<i>500</i>		<i>17</i>	<i>1</i>	<i>REVERSE OUT</i>
					<i>PUMP 3 GAS</i>
<i>1645</i>	<i>300</i>		<i>20</i>	<i>2</i>	<i>REVERSE CLEAN</i>
					<i>PUMP 3 GAS & SET PWR</i>
<i>1700</i>		<i>200</i>			<i>BL SQUEEZE TO 200th</i>
					<i>START IN-200th</i>
<i>1730</i>					<i>JOB COMPLETE-LEAVE</i>



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Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 08776 A

DATE _____ TICKET NO. _____

DATE OF JOB: 8-27-13		DISTRICT: 12M/KS		NEW WELL <input type="checkbox"/>		OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/>		INJ <input type="checkbox"/>		WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: FG Hall				LEASE: NEUFORTH 1-7								WELL NO.:			
ADDRESS:				COUNTY: BARTON				STATE: KS							
CITY:				STATE:				SERVICE CREW: JG, STEVE, JOSSE							
AUTHORIZED BY:				JOB TYPE: CIVIL-SERVICE											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME					
1990						ARRIVED AT JOB	8/27			10:00					
						START OPERATION				1:00					
77463	2 1/2					FINISH OPERATION				1:30					
19131	2 1/2					RELEASED				1:00					
19162	2 1/2					MILES FROM STATION TO WELL				10					

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: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
1511C	COMMON CEMENT	SK	50		
10132	1-532	gal	5		
E10	THICK HIDE AHC	unit	10		
E101	THICK HIDE AHC	unit	120		
E113	MILK SOLIDIFIED	TR	141		
10204	DEPTHT HIDE 300-400	BT	1		
10240	BLENDED HIDE	SK	50		
10530	SERVICE ATTACHE	BT	1		
5003	SERVICE ATTACHE	BT	1		

SUB TOTAL

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: J. Cooney	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
-----------------------------------	---

FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>RC Hall</i>	Lease No.	Date
Lease <i>NORTH</i>	Well # <i>1-7</i>	<i>8-27-13</i>
Field Order # <i>8776</i>	Station <i>PRATT KS</i>	Casing <i>5 1/2</i>
Type Job <i>ON IN SOLVENT</i>	Depth	County <i>BARTON</i> State <i>KS</i>
	Formation <i>KCH</i>	Legal Description <i>7-19-14</i>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size <i>2 3/8</i>	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From <i>335</i>	To <i>337</i>	Pre Pad	Max		5 Min.
Volume <i>1.5</i>	Volume <i>12.9</i>	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth <i>332</i>	From	To	Flush	Gas Volume		Total Load

Customer Representative <i>ROB</i>	Station Manager <i>KEVIN</i>	Treater <i>KEVIN</i>
Service Units <i>1990</i>	<i>27463</i>	<i>19831-19862</i>
Driver Names <i>KE</i>	<i>STEVE</i>	<i>JESSE</i>

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>0730</i>					<i>ON LOCATION</i>
<i>0800</i>	<i>500</i>		<i>22</i>	<i>3</i>	<i>LOAN HORN W/150-500#</i>
		<i>700</i>	<i>8</i>	<i>3</i>	<i>INT. RATE TRC - 3 BPM - 200</i>
<i>0830</i>		<i>700</i>	<i>4</i>	<i>3</i>	<i>Run 4 bbl OIL</i>
		<i>0</i>	<i>14 1/2</i>	<i>3</i>	<i>Run 50% DOC CEMENT</i>
		<i>0</i>	<i>8</i>	<i>3</i>	<i>Run 8 bbl OIL</i>
		<i>0</i>	<i>3</i>	<i>UAC</i>	<i>START 1/2 FLUSH ON UAC</i>
		<i>100</i>		<i>1/2</i>	<i>START PUMP</i>
		<i>500</i>	<i>4</i>	<i>1/2</i>	<i>START UAC</i>
		<i>600</i>	<i>4 1/2</i>	<i>1/2</i>	<i>STOP PUMP - 12 1/2 DBP.</i>
					<i>WAIT 15 MIN.</i>
<i>0930</i>					<i>RELEASE - NO FLOW BACK</i>
	<i>100</i>		<i>16</i>	<i>3</i>	<i>RELEASE PKR - REVERSE OUT</i>
					<i>RUN 3 ITS</i>
<i>1000</i>	<i>700</i>		<i>24</i>	<i>2</i>	<i>REVERSE OUT 1 1/2 bbl OIL.</i>
					<i>KILL 3 ITS.</i>
		<i>750</i>			<i>PSI 50 TO 750#</i>
<i>1015</i>	<i>750</i>				<i>SET PKR & START IN 250</i>
<i>1100</i>					<i>JOB COMPLETE - KEVIN</i>



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FIELD SERVICE TICKET
1718 08388 A

DATE _____ TICKET NO. _____

DATE OF JOB: 12-15-13		DISTRICT: PRATT		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-2414		LEASE: NE-24-274		WELL NO. 1-7						
ADDRESS:		COUNTY: PRATT		STATE: KS						
CITY:		STATE:		SERVICE CREW: [Handwritten Name]						
AUTHORIZED BY:		JOB TYPE: [Handwritten]								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
274	11									
1516	11									
27900										
						ARRIVED AT JOB				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				
						MILES FROM STATION TO WELL				

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CC 115	H-100	2	185		90
CC 113	6-1/4" pipe	8	75		90
CC 112	5/16" pipe	16	34		90
CC 105	C-41 pipe	16	32		44
CC 111	SWT	16	60		90
CC 115	C-44	16	127		8
CC 129	7/8" 316 pipe	16	127		
CC 201	pipe	16	1725		8
CC 137	2 1/2" head pipe	24	1		90
CC 135	pipe	54	1		
CC 134	pipe	24	10		
CC 131	pipe	54	1		
CC 202	SWT	54	60		
CC 104	Supp	54	500		
CC 100	pipe	54	60		
CC 101	pipe	54	120		

SUB TOTAL

CHEMICAL / ACID DATA:			

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

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

FIELD SERVICE ORDER NO.



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

FIELD SERVICE TICKET

1718 ~~XXXXXX~~ A

Continuation of

DATE _____ TICKET NO. 171808388A

DATE OF JOB 07-15-13		DISTRICT PRA #		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 J. G. Hobb		LEASE NEW SOUTH 1-7		WELL NO.						
ADDRESS		COUNTY BARTON		STATE KS						
CITY		STATE		SERVICE CREW Sullivan, Matheson, Lawrence						
AUTHORIZED BY		JOB TYPE: ONW 5 1/2 45								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
						ARRIVED AT JOB				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				
						MILES FROM STATION TO WELL				

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
C 113	Bulk Polym	TM	576		921.60
CE 204	North chanc	SA	1		2,160.00
CE 240	Blending mixing	SK	210		294.00
CE 501	CASAP Savannah Rental	SA	1		200.00
PE 504	plus lantander Rental	SA	1		250.00
S003	Serviced Suspension	SA	1		175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		13,488.83
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE <u>Robert J. Hobb</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Rob Sano</u>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



ASIC Energy services, L.P.

TREATMENT REPORT

Customer <i>F. O. HOLL</i>	Lease No.	Date <i>07-15-13</i>
Lease <i>NE 1701TH</i>	Well # <i>1-7</i>	
Field Order # <i>3791</i>	Station <i>PRA TT KS</i>	Casing <i>5 1/2</i>
Type Job <i>GNW 2 1/2 long string</i>	Depth <i>3791'</i>	County <i>BARTON</i>
	Formation	State <i>KS</i>
		Legal Description <i>7-19-14</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>		From	To	Pre Pad	Max		5 Min.	
Depth <i>3791</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>92'</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>1500</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>3791'</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SOUT</i>	Treater <i>Robert Sullivan</i>
Service Units <i>37900 27463 19960</i>		
Driver Names <i>Sullivan, Matthew, Lawrence</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1:50</i>					<i>on low soft, mid day</i>
					<i>Run 91 JBS 5 1/2 14 csg</i>
<i>3:40</i>					<i>CASING and Bottom</i>
<i>3:50</i>					<i>Hook up CMC</i>
<i>6:05</i>	<i>100</i>		<i>5</i>	<i>3</i>	<i>1st spacer</i>
			<i>12</i>		<i>1st Super Flush</i>
			<i>5</i>		<i>SPACER</i>
			<i>8</i>	<i>4.5</i>	<i>mix 25% SBR w/ 75% water cut 12000</i>
			<i>34</i>		<i>mix 20% D 125% AA 2 cut @ 155 ppg</i>
					<i>con mix (start down) wash pump line</i>
					<i>Release Plug</i>
				<i>5.5</i>	<i>1st Deep</i>
	<i>200</i>		<i>78</i>		<i>142 PSI</i>
	<i>500</i>				<i>Slow Rate</i>
<i>7:00</i>	<i>1200</i>		<i>92</i>		<i>Plug down</i>
			<i>7</i>	<i>2</i>	<i>plug R.H. 25% w/ 75% water</i>
			<i>7</i>		<i>plug mid 25%</i>
					<i>JOB complete</i>
					<i>Thank you</i>



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Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 08385 A

DATE _____ TICKET NO. _____

DATE OF JOB 7-8-13	DISTRICT Pratt	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 7.2 Well	LEASE North 1-7						WELL NO.			
ADDRESS		COUNTY Pratt			STATE KS					
CITY		SERVICE CREW Sutton, Williams, Lewis								
AUTHORIZED BY		JOB TYPE: CW Service								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
3108-399	55						7-22-13			
1816-1562	55									
3790										
						ARRIVED AT JOB				
						START OPERATION				6:30
						FINISH OPERATION				6:15
						RELEASED				6:45
						MILES FROM STATION TO WELL				60

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

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SIGNED: Van Veen
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	Acid	SK	120		
CP 102	Acid	SK	150		
PC 107	Cellulose	lb	99		80
PC 109	Cellulose	lb	99		85
CF 105	TO Litter	EA	1		20
CF 1753	Cont	EA	3		15
CF 100	Acid	EA	60		0
CF 101	Acid	EA	120		0
CF 113	Acid	EA	1059		20
CF 201	Acid	EA	1		0
CF 390	Acid	SK	375		0
CF 504	Acid	EA	1		0
S 003	Slud	EA	1		10
SUB TOTAL					9,418.57

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <u>Paul</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Van Veen</u>
---------------------------------------	--

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



gy services, L.P.

TREATMENT REPORT

Lease No.	Date				
7.5.40LL	07-03-13				
Well #	State				
1-7	KS				
Field Order #	Station	Casing	Depth	County	State
4385	PRATT KS	8 5/8	897	BARTON	KS
Type Job	Formation	Legal Description			
CNW 8 5/8 Surface		7-19-14			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
8 5/8							5 Min.	
Depth	Depth	From	To	Pre Pad	Max			
897								
Volume	Volume	From	To	Pad	Min		10 Min.	
56								
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
400								
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
66								
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
877								

Customer Representative	Station Manager	Treater
	DAVE SCOTT	Robert Johnson

Service Units	37900	33703	20920	19420	19800						
Driver Names	Sullivan	Melton	Leak	Leak	Leak						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:15 AM					on loc safety meeting
					RUN 21 sts 8 5/8 22 csg
4:50					CASING ON BOTTOM
5:05					HOOK UP CIRC csg
5:20	150		3	4.5	1st SPACER
			84	5	mix cont 190 sk A-CON @ 1200g
			40		mix Tail 175 sk common @ 15.5 ppg
					cont mixed shut down
					Release Plug
				5.5	ST DISH
6:15			56		plug down
					100 25 PPM cont to Pit
					JOB Complete
					Thank you