



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1208410
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: _____



1208410

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> <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	STOSS 1-35
Doc ID	1208410

All Electric Logs Run

DIL
CDL/CNL
Microresistivity
BHCS
fracfinder

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	STOSS 1-35
Doc ID	1208410

Tops

Name	Top	Datum
Anhydrite	1016	+903
Chase	1886	+113
Herrington	1890	+109
Krider	1907	+92
Winfield	1935	+64
Towanda	2005	-6
Fort Riley	2043	-44
B/Florence	2138	-139
Kinney Ls	2153	-154
Wrefold	2180	-181
Council Grove	2200	-201
Crouse	2231	-232
Neva	2374	-375
Red Eagle	2441	-442
Onaga Shale	2579	-580
Wabaunsee	2600	-601
Root Shale	2652	-653
Stotler	2709	-710
Willard Shale	2728	-729
Tarkio	2769	-770
Howard	2906	-907
Severe Shale	2955	-956
Topeka	2977	-978
Heebner	3211	-1212

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	STOSS 1-35
Doc ID	1208410

Tops

Name	Top	Datum
Toronto	3228	-1229
Douglas Shale	3243	-1244
Brown Lime	3277	-1278
LKC	3290	-1291
Arbuckle	3571	-1572
RTD	3750	-1751



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 10425 A

DATE _____ TICKET NO. _____

DATE OF JOB: 5-15-2014		DISTRICT: P912, P10		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: FG HOLL CO LLC				LEASE: STOSS			WELL NO.: 13		
ADDRESS:				COUNTY: Barton		STATE: KS			
CITY:				SERVICE CREW: Denny, P9+E, P10					
AUTHORIZED BY:				JOB TYPE: CNU HOLL STOSS					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
27283	1/4						5-15	AM	4:10
27686	1/4					ARRIVED AT JOB	5-15	AM	9:00
19905	1/4					START OPERATION	5-15	AM	2:00
9826	1/4					FINISH OPERATION	5-15	PM	3:15
19860	1/4					RELEASED	5-15	AM	4:00
						MILES FROM STATION TO WELL	73		

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
CP105	DOT Concrete	SK	175		
EP103	60/100 POL	SK	75		
CC102	CONCRETE	Lb	411		
CC105	CEMP	Lb	42		
CC111	SPT	Lb	727		
CC129	FLA-322	Lb	165		
CF201	6.150000	Lb	2125		
CF606	LSI 1/2" DRAIN PLUS 2 BSM 1/4" BLUE	ES	1		
CF1250	AUTO FILL FLOSS SHEET 4 1/2" BLUE	ES	1		
CF1600	TANUL 200 4 1/2" BLUE	ES	1		
CF1900	4 1/2" BSM 1/4" BLUE	ES	1		
CF2002	CONCRETE SCISSOR CRACK PATCHING MIX	ES	50		
CC154	SUPR. FLOSS	CS	500		
F100	Van M. Cheese Cheese P. CRD	m	70		
F101	Wagon Fuel	m	140		
F113	Bulk Diesel	gal	805		
CF2011	DRAIN CHEESE 3000 4000	ES	1		
CF2012	BLOCK 200 MIXED SPREAD CHEESE	SK	250		
CF2013	CONCRETE	ES	1		

SUB TOTAL \$

CHEMICAL / ACID DATA:			

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

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

FIELD SERVICE ORDER NO. _____



BASICSM

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

~~1718 10652 A~~
CONTINUATION

DATE _____ TICKET NO. 1718 10425

DATE OF JOB 5-19-2014	DISTRICT P9521.115	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 FG Hall Co. LLC	LEASE SDOSS	WELL NO. 135								
ADDRESS	COUNTY Barton	STATE KS								
CITY	STATE	SERVICE CREW Derrin, Paul E, Deron								
AUTHORIZED BY	JOB TYPE: CNW / Conns Solns									
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).

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
CE504	Plus container ut. 1252.115 charge	Job	1		
SG03	Service supervisor, first 8 hrs on loc	ES	1		

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Darin Krombe

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



energy services, L.P.

TREATMENT REPORT

Customer FG Holl Co. LLC	Lease No.	Date 5-19-2014
Lease Stoss	Well # 1-35	
Field Order # 0425	Station Post 1, KS	Casing 4 1/2
		Depth 3747
Type Job CNU/Loss Springs	Formation TD-3750	County Barton
		State KS
		Legal Description 35-17-15

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 3747	Depth	From	To	Pre Pad		Max		5 Min.
Volume 57	Volume	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 3703	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative	Station Manager	Treater
-------------------------	-----------------	---------

Service Units	27283	77686	19905	15826	15860				
Driver Names	Dsin	Ps+E	Ps+E	Asron	Asron				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00 pm					ON LOCATION / SAFETY MEETINGS
5-19					
2:00 pm	300		5	5	Pump 5 bbls water
	300		12	5	12 bbls Super Flush
	300		5	5	5 bbls water
	300		6	5	mix 25 SK Securson cement
	300		42	5	mix 175 SK AA2
					Shot down
					Wash dump & lines
					Drop plus
	100			5	start displacement
	600			5	lift pressure
	4600			3	slow rate
	1500			3	Bump plus
					Flow - Hold
	100		7	3	Plus psi hole - 30s, 60/40 P02
	100		5	3	Plus mouse hole - 20s, 60/40 P02
3:15 pm					JOB COMPLETE / Dsin & crew Thank you!!!



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ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 09674 A

DATE _____ TICKET NO. _____

DATE OF JOB 5-2-14		DISTRICT 117		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 HILL				LEASE STOSS				1-35 WELL NO.							
ADDRESS				COUNTY Barton				STATE KS							
CITY				STATE				SERVICE CREW Pat Area J.P.							
AUTHORIZED BY				JOB TYPE: Cmw 541506											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME					
377-2711	45 min						5-2-14			12:30					
1490-21010	45 min					ARRIVED AT JOB				AM PM 1545					
1497						START OPERATION				AM PM 1715					
						FINISH OPERATION				AM PM 1500					
						RELEASED				AM PM 1900					
						MILES FROM STATION TO WELL				70					

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: *Dean Vazquez*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
101	A-Con Blend	SB	200		
100C	Common Cement	SB	200		
102	Cell of Flake	lb	100		
109	Calcium Chloride	lb	940		
105	Tap Rubber Plug	sq	1		
1753	Centralizer	sq	3		
100	Pickup Mileage	mi	70		
101	Heavy Mileage	mi	140		
113	Bulk Delivery	TM	1316		
202	Depth Charge	4hr	1		
240	Mixing Charge	SB	400		
504	Plug Container	JOB	1		
S 003	Sup. Visor	sq	1		

SUB TOTAL 164

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <i>Dean Vazquez</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Dean Vazquez</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
--	--

FIELD SERVICE ORDER NO. _____

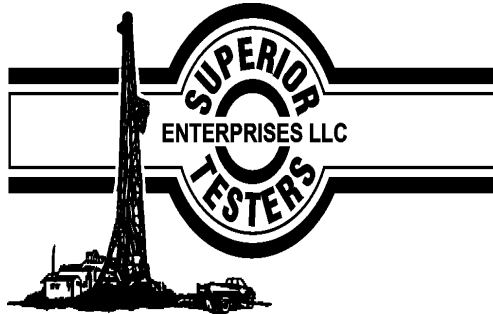
Customer FG HOLL	Lease No.	Date
Lease STOSS	Well # 1-35	5-8-14
Field Order # 9674	Station Pratt	Casing 8 5/8
		Depth 1023
Type Job CNW	Formation	County Barton
Surface		State MS
		Legal Description 35-17-15

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
8 5/8							
Depth 1023	Depth	From	To	Pre Pad	Max		5 Min.
Volume 60	Volume	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 973	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater
-------------------------	-----------------	---------

Service Units	33709	20920	19960	21010	29443				
Driver Names	PAT		Aaron Aaron		JOE				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1545					onloc / safety meeting
					Run 26 JTS of 8 5/8 Csg 28' cen. 1-13-25
1700					Breaks Circ with Big
1715					Hook up to Pump TRK TO START JOB
			5	5	H2O Spacer
			87	5	mix 200 SK A-Con Blend
			42	5	mix 200 SK common
			0	0	Shut Down BRelease Plug
1845			0	0	START H2O DISP
			50	5	Cement to surface
1900			60	0	Plug Down
					10 BBL cement to Pit
					JOB COMPLETE
					Thank you
					JOE



DRILL STEM TEST REPORT

Prepared For: **FG Holl Company LLC**

9431 East Central
Suite 100
Wichita, Kansas 67206+2563

ATTN: Renee Husted

Stoss # 1-35

35/17S/15W/Barton

Start Date: 2014.05.13 @ 01:02:00

End Date: 2014.05.13 @ 08:07:00

Job Ticket #: 18259 DST #: 1

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

Printed: 2014.05.13 @ 08:19:35



DRILL STEM TEST REPORT

FG Holl Company LLC
 9431 East Central
 Suite 100
 Wichita, Kansas 67206+2563
 ATTN: Renee Hustead

35/17S/15W/Barton

Stoss # 1-35

Job Ticket: 18259

DST#: 1

Test Start: 2014.05.13 @ 01:02:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:48:30

Time Test Ended: 08:07:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/

Interval: 3284.00 ft (KB) To 3330.00 ft (KB) (TVD)

Reference Elevations: 1999.00 ft (KB)

Total Depth: 3330.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6749 Inside

Press@RunDepth: 58.78 psig @ 3326.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.13

End Date: 2014.05.13

Last Calib.: 2014.05.13

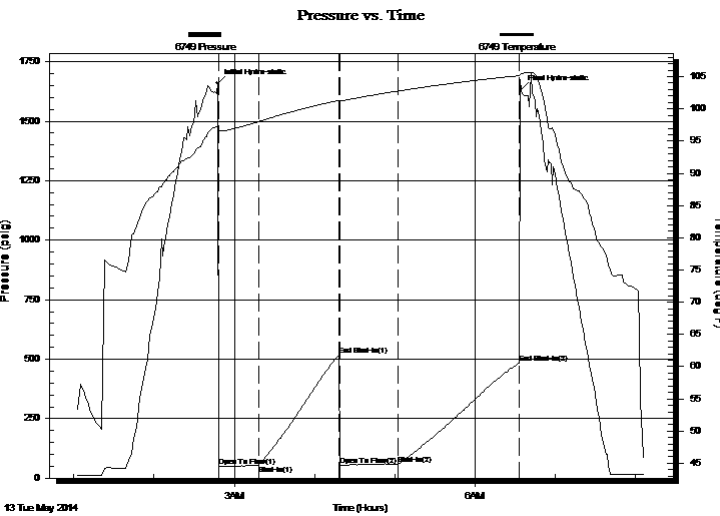
Start Time: 01:02:00

End Time: 08:07:00

Time On Btm: 2014.05.13 @ 02:47:30

Time Off Btm: 2014.05.13 @ 06:34:00

TEST COMMENT: 1ST Open 30 Minutes/Good blow /Blow built to bottom of bucket in 16 minutes 30 seconds
 1ST Shut In 60 Minutes/No blow back
 2ND Open 45 Minutes/Good blow /Blow built to bottom of bucket in 5 minutes 45 seconds
 2ND Shut In 90 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1659.83	97.24	Initial Hydro-static
1	50.32	96.65	Open To Flow (1)
31	52.84	98.02	Shut-In(1)
91	517.28	101.31	End Shut-In(1)
91	53.84	101.21	Open To Flow (2)
135	58.78	102.77	Shut-In(2)
225	483.23	105.14	End Shut-In(2)
227	1633.31	105.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	403 feet of gas in pipe	0.00
30.00	Mud with show of oil/ Mud 100%	0.42

Gas Rates

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



DRILL STEM TEST REPORT

FG Holl Company LLC
 9431 East Central
 Suite 100
 Wichita, Kansas 67206+2563
 ATTN: Renee Husted

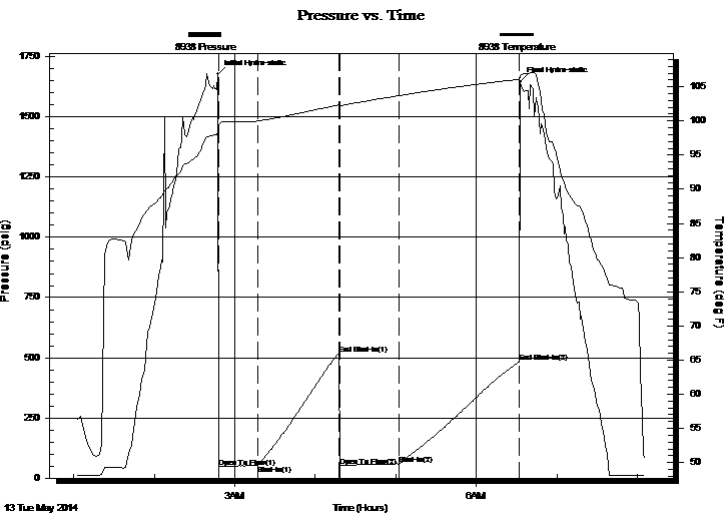
35/17S/15W/Barton
Stoss # 1-35
 Job Ticket: 18259 **DST#: 1**
 Test Start: 2014.05.13 @ 01:02:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:48:30
 Time Test Ended: 08:07:00
 Interval: **3284.00 ft (KB) To 3330.00 ft (KB) (TVD)**
 Total Depth: 3330.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/
 Reference Elevations: 1999.00 ft (KB)
 1991.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8938 Outside
 Press@RunDepth: 482.61 psig @ 3327.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.05.13 End Date: 2014.05.13 Last Calib.: 2014.05.13
 Start Time: 01:02:00 End Time: 08:06:00 Time On Btm: 2014.05.13 @ 02:47:30
 Time Off Btm: 2014.05.13 @ 06:33:00

TEST COMMENT: 1ST Open 30 Minutes/Good blow /Blow built to bottom of bucket in 16 minutes 30 seconds
 1ST Shut In 60 Minutes/No blow back
 2ND Open 45 Minutes/Good blow /Blow built to bottom of bucket in 5 minutes 45 seconds
 2ND Shut In 90 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1676.71	98.41	Initial Hydro-static
1	46.20	99.41	Open To Flow (1)
30	53.41	100.02	Shut-In(1)
90	515.59	102.34	End Shut-In(1)
91	50.49	102.26	Open To Flow (2)
136	58.01	103.71	Shut-In(2)
225	482.61	106.10	End Shut-In(2)
226	1646.78	106.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	403 feet of gas in pipe	0.00
30.00	Mud with show of oil/ Mud 100%	0.42

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18259

DST#: 1

Test Start: 2014.05.13 @ 01:02:00

Tool Information

Drill Pipe:	Length: 3283.00 ft	Diameter: 3.80 inches	Volume: 46.05 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: 46.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3284.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Replace damaged packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3262.00	
Hydraulic tool	5.00			3267.00	
Jars	5.00			3272.00	
Safety Joint	2.00			3274.00	
Top Packer	5.00			3279.00	
Packer	5.00			3284.00	27.00 Bottom Of Top Packer
Anchor	41.00			3325.00	
Recorder	1.00	6749	Inside	3326.00	
Recorder	1.00	8938	Outside	3327.00	
Bullnose	3.00			3330.00	46.00 Anchor Tool
Total Tool Length:	73.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18259

DST#: 1

Test Start: 2014.05.13 @ 01:02:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 47.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: 5000.00 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
0.00	403 feet of gas in pipe	0.000
30.00	Mud with show of oil/ Mud 100%	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

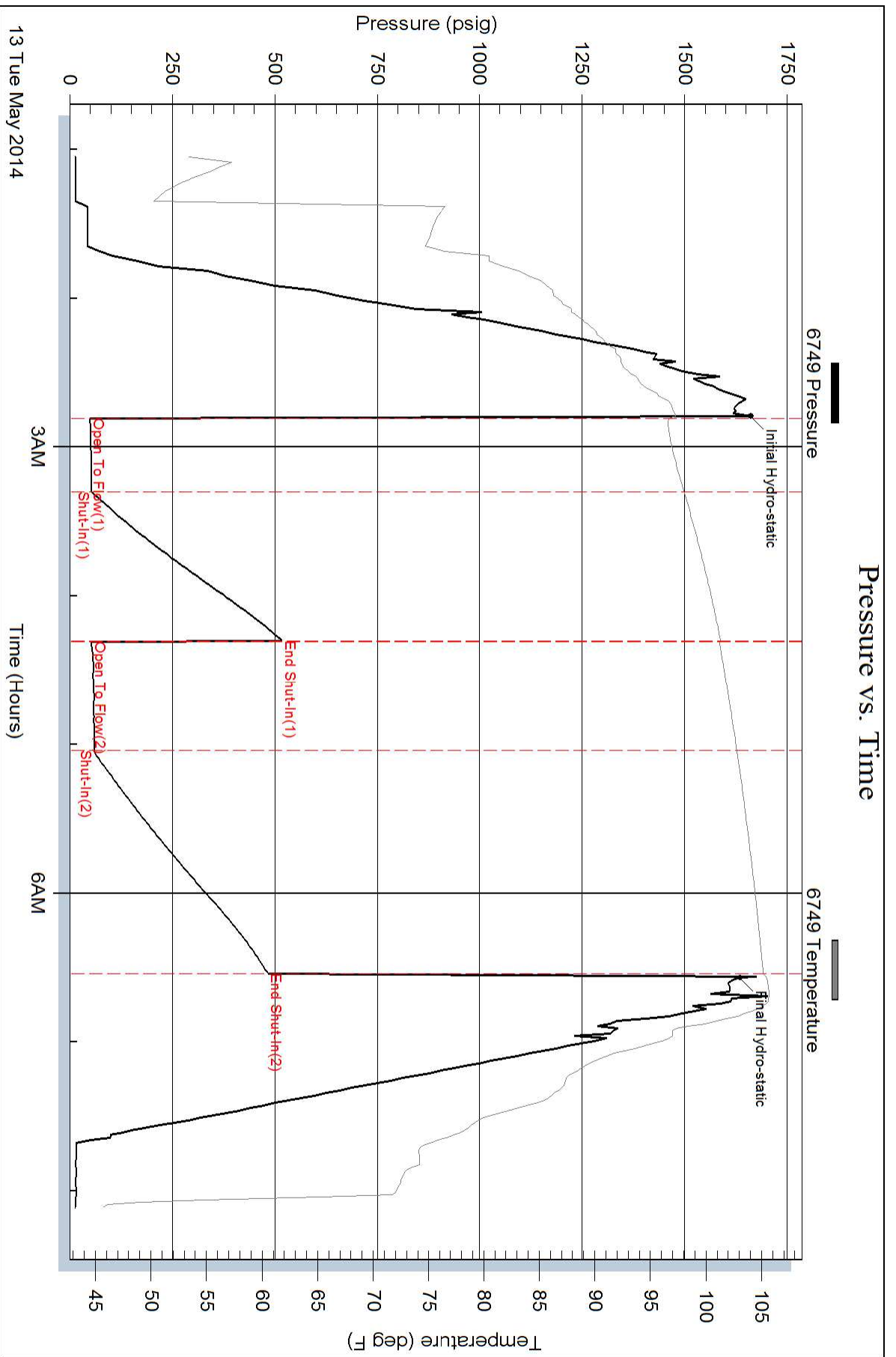
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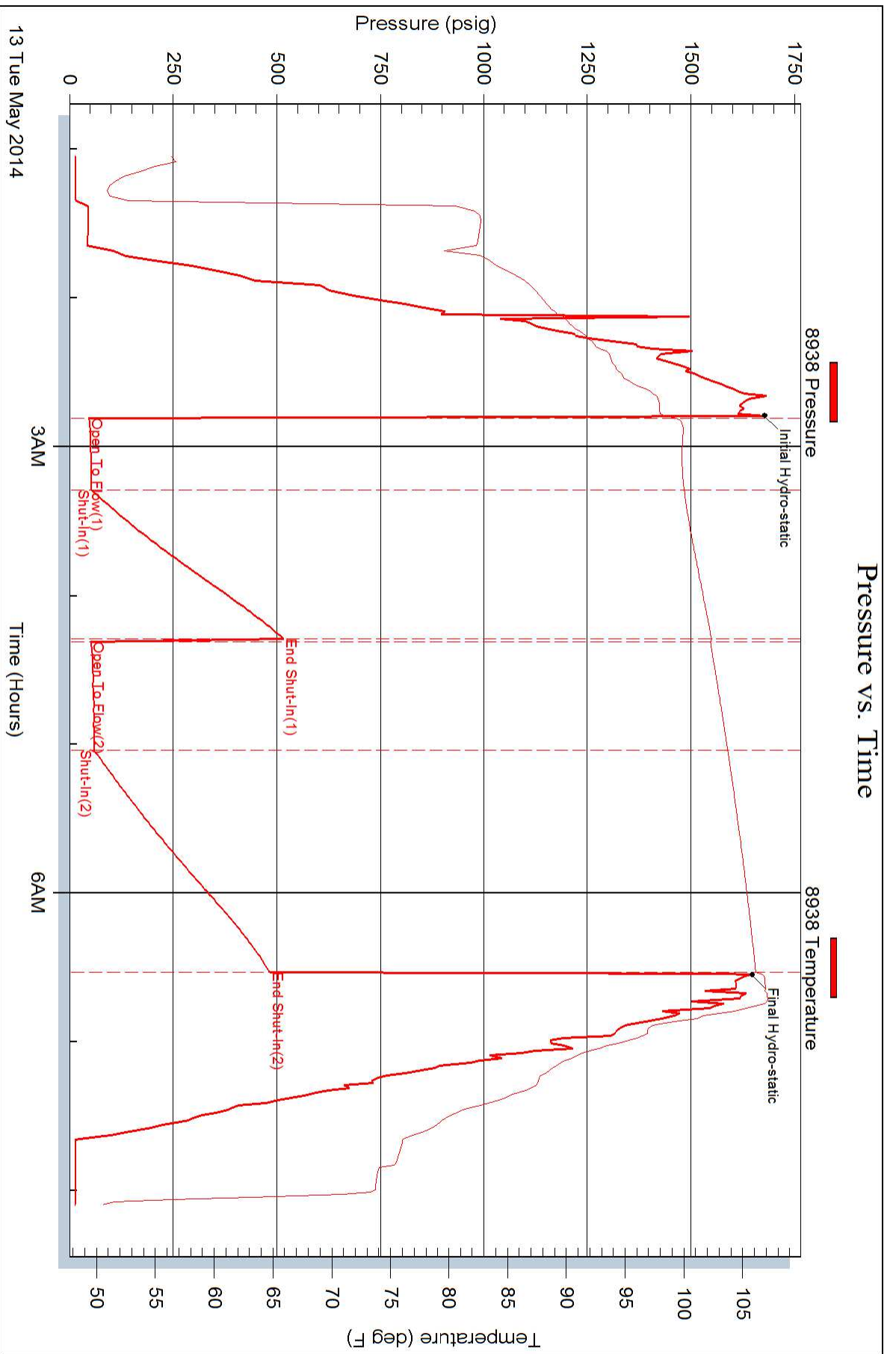
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **FG Holl Company LLC**

9431 East Central
Suite 100
Wichita, Kansas 67206+2563

ATTN: Renee Husted

Stoss # 1-35

35/17S/15W/Barton

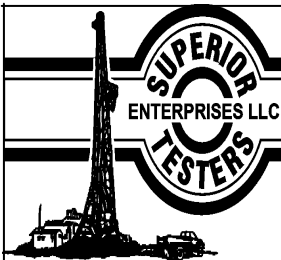
Start Date: 2014.05.13 @ 15:33:00

End Date: 2014.05.13 @ 22:27:30

Job Ticket #: 18260 DST #: 2

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

Printed: 2014.05.13 @ 22:41:50



DRILL STEM TEST REPORT

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Hustead

Stoss # 1-35

Job Ticket: 18260

DST#: 2

Test Start: 2014.05.13 @ 15:33:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:08:30

Time Test Ended: 22:27:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/42

Interval: 3330.00 ft (KB) To 3369.00 ft (KB) (TVD)

Reference Elevations: 1999.00 ft (KB)

Total Depth: 3369.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6749

Inside

Press@RunDepth: 69.67 psig @ 3365.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.13

End Date:

2014.05.13

Last Calib.:

2014.05.13

Start Time:

15:33:00

End Time:

22:27:30

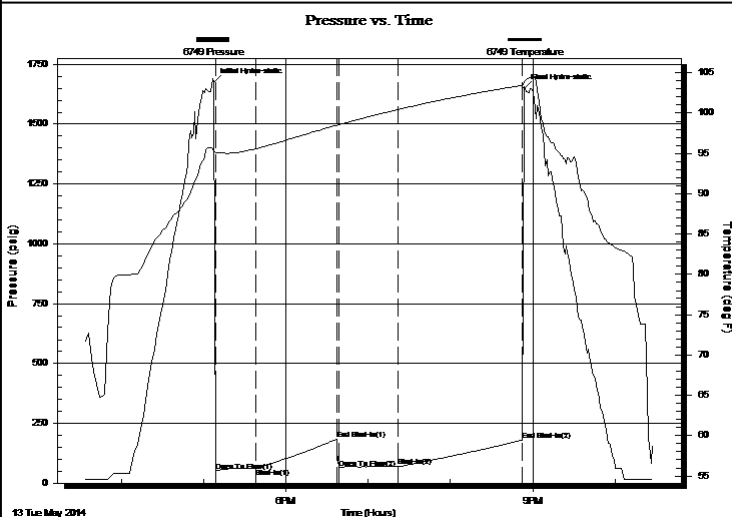
Time On Btm:

2014.05.13 @ 17:07:30

Time Off Btm:

2014.05.13 @ 20:54:00

TEST COMMENT: 1ST Open 30 Minutes/Good blow /Blow built to bottom of bucket in 30 minutes
1ST Shut In 60 Minutes/Weak surface blow back
2ND Open 45 Minutes/Strong blow /Blow built to bottom of bucket in 1 min 30 sec then slow ed considerably
2ND Shut In 90 Minutes/Weak surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1674.92	95.27	Initial Hydro-static
1	50.83	95.06	Open To Flow (1)
31	61.93	95.58	Shut-In(1)
90	184.18	98.51	End Shut-In(1)
91	61.93	98.55	Open To Flow (2)
135	69.67	100.45	Shut-In(2)
225	180.68	103.44	End Shut-In(2)
227	1649.48	103.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Oily Mud/Oil 30% Mud 70%	0.98
0.00	240 feet of gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

FG Holl Company LLC
 9431 East Central
 Suite 100
 Wichita, Kansas 67206+2563
 ATTN: Renee Hustead

35/17S/15W/Barton

Stoss # 1-35

Job Ticket: 18260

DST#: 2

Test Start: 2014.05.13 @ 15:33:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:08:30

Time Test Ended: 22:27:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/42

Interval: 3330.00 ft (KB) To 3369.00 ft (KB) (TVD)

Reference Elevations: 1999.00 ft (KB)

Total Depth: 3369.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8938 Outside

Press@RunDepth: 180.39 psig @ 3366.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.13

End Date: 2014.05.13

Last Calib.: 2014.05.13

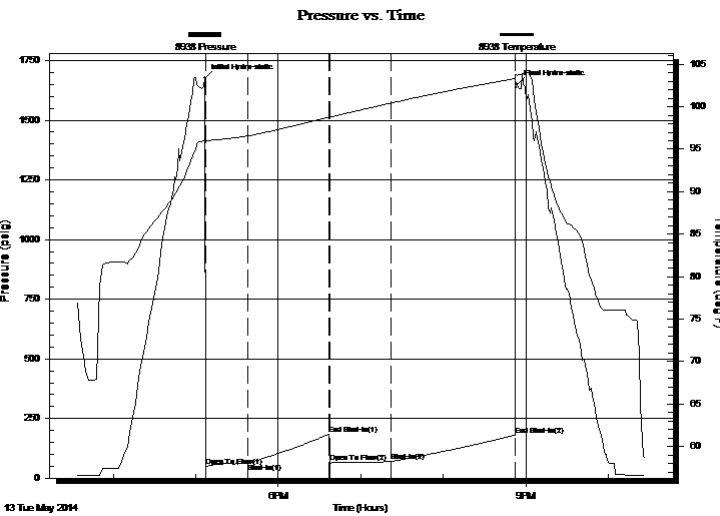
Start Time: 15:33:00

End Time: 22:26:30

Time On Btm: 2014.05.13 @ 17:06:30

Time Off Btm: 2014.05.13 @ 20:53:30

TEST COMMENT: 1ST Open 30 Minutes/Good blow /Blow built to bottom of bucket in 30 minutes
 1ST Shut In 60 Minutes/Weak surface blow back
 2ND Open 45 Minutes/Strong blow /Blow built to bottom of bucket in 1 min 30 sec then slow ed considerably
 2ND Shut In 90 Minutes/Weak surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1675.68	96.08	Initial Hydro-static
1	47.99	95.89	Open To Flow (1)
31	60.78	96.57	Shut-In(1)
90	183.83	98.75	End Shut-In(1)
91	64.79	98.76	Open To Flow (2)
136	69.05	100.43	Shut-In(2)
226	180.39	103.31	End Shut-In(2)
227	1650.16	103.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Oily Mud/Oil 30% Mud 70%	0.98
0.00	240 feet of gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18260

DST#: 2

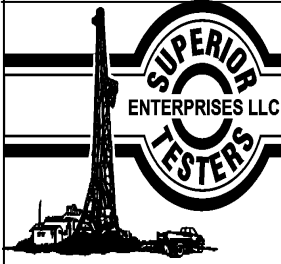
Test Start: 2014.05.13 @ 15:33:00

Tool Information

Drill Pipe:	Length: 3313.00 ft	Diameter: 3.80 inches	Volume: 46.47 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: 62000.00 lb
			<u>Total Volume: 46.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3330.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	66.00 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			3308.00	
Hydraulic tool	5.00			3313.00	
Jars	5.00			3318.00	
Safety Joint	2.00			3320.00	
Top Packer	5.00			3325.00	
Packer	5.00			3330.00	27.00 Bottom Of Top Packer
Anchor	34.00			3364.00	
Recorder	1.00	6749	Inside	3365.00	
Recorder	1.00	8938	Outside	3366.00	
Bullnose	3.00			3369.00	39.00 Anchor Tool
Total Tool Length:	66.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Hustead

Stoss # 1-35

Job Ticket: 18260

DST#: 2

Test Start: 2014.05.13 @ 15:33:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 7.60 in³
Resistivity: ohm.m
Salinity: 5000.00 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
70.00	Oily Mud/Oil 30% Mud 70%	0.982
0.00	240 feet of gas in pipe	0.000

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

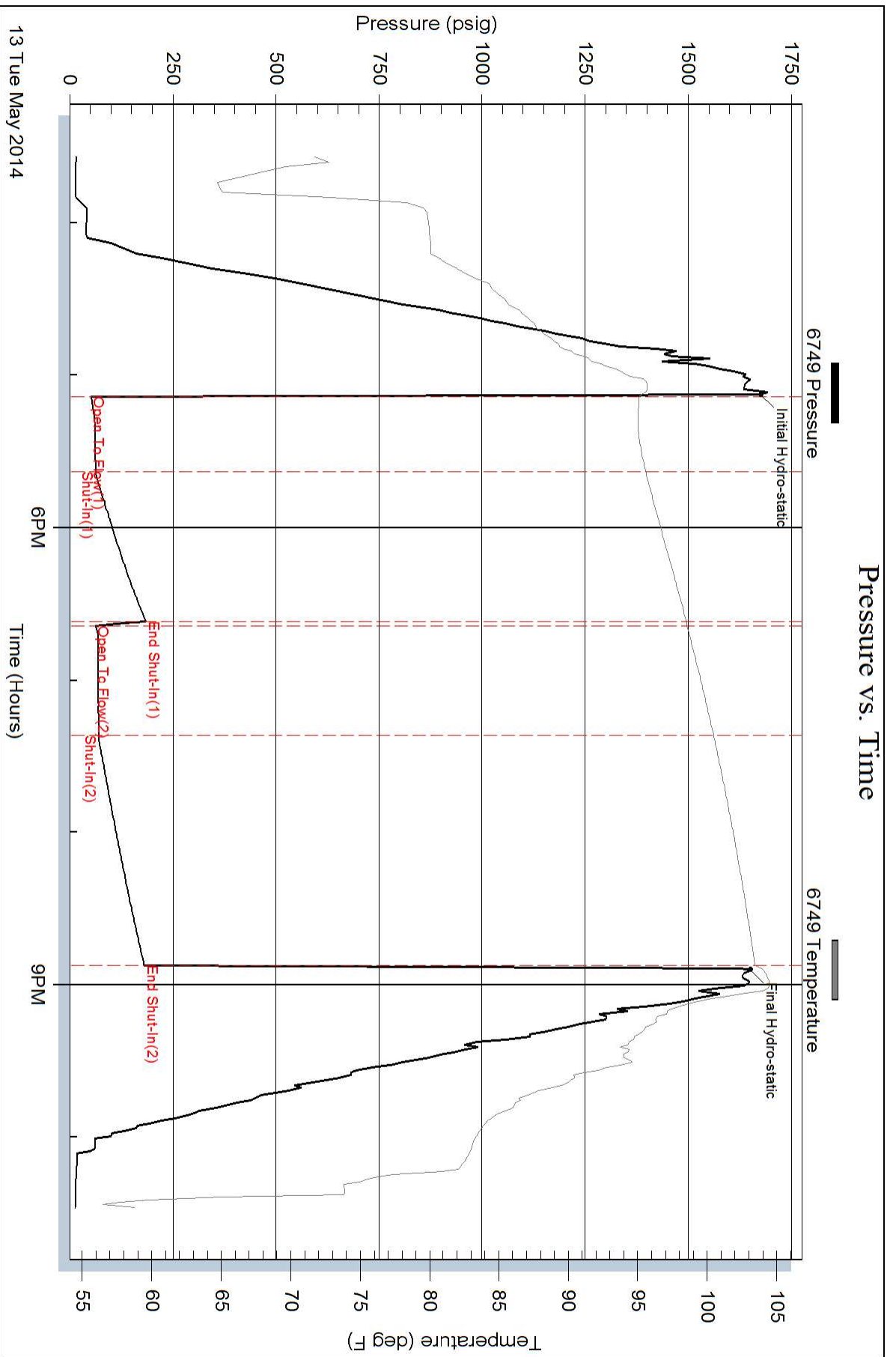
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Laboratory Name:

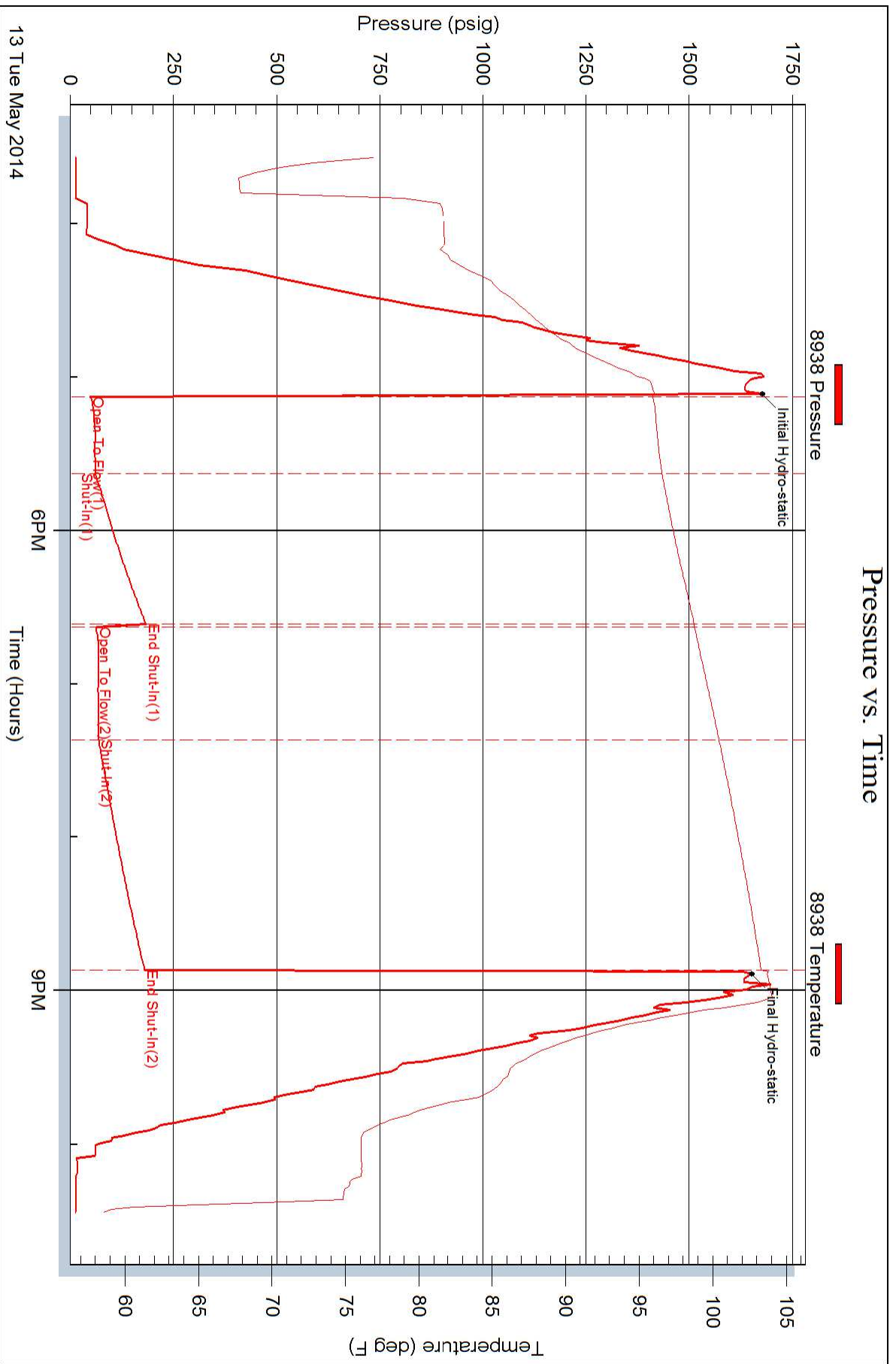
Laboratory Location:

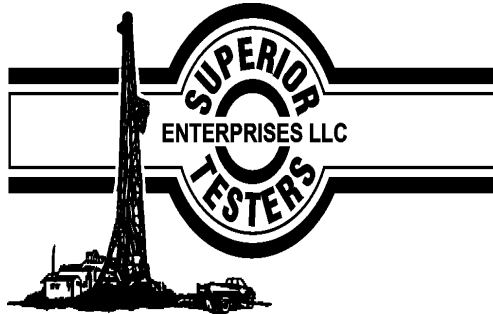
Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **FG Holl Company LLC**

9431 East Central
Suite 100
Wichita, Kansas 67206+2563

ATTN: Renee Husted

Stoss # 1-35

35/17S/15W/Barton

Start Date: 2014.05.14 @ 08:58:00

End Date: 2014.05.14 @ 12:59:30

Job Ticket #: 18261 DST #: 3

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

Printed: 2014.05.14 @ 13:07:43



DRILL STEM TEST REPORT

FG Holl Company LLC
 9431 East Central
 Suite 100
 Wichita, Kansas 67206+2563
 ATTN: Renee Husted

35/17S/15W/Barton

Stoss # 1-35

Job Ticket: 18261

DST#: 3

Test Start: 2014.05.14 @ 08:58:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:11:30

Time Test Ended: 12:59:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/42

Interval: 3406.00 ft (KB) To 3430.00 ft (KB) (TVD)

Reference Elevations: 1999.00 ft (KB)

Total Depth: 3430.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6749

Inside

Press@RunDepth: 43.91 psig @ 3426.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.14

End Date: 2014.05.14

Last Calib.: 2014.05.14

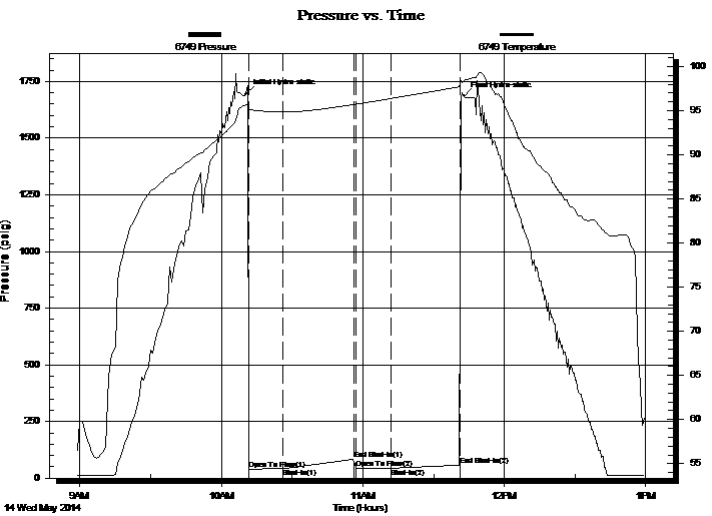
Start Time: 08:58:00

End Time: 12:59:30

Time On Btm: 2014.05.14 @ 10:10:30

Time Off Btm: 2014.05.14 @ 11:43:00

TEST COMMENT: 1ST Open 15 Minutes/Weak blow/Blow built to 3/4 inch
 1ST Shut In 30 Minutes/No blow back
 2ND Open 15 Minutes/Weak surface blow/Blow did not build/Blow died in 10 minutes
 2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1695.33	95.65	Initial Hydro-static
1	39.90	95.10	Open To Flow (1)
16	41.97	94.86	Shut-In(1)
46	83.99	95.71	End Shut-In(1)
47	42.38	95.75	Open To Flow (2)
62	43.91	96.40	Shut-In(2)
91	57.29	97.71	End Shut-In(2)
93	1684.96	98.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w with show of oil in tool/Mud 100%	0.14

Gas Rates

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



DRILL STEM TEST REPORT

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18261

DST#: 3

Test Start: 2014.05.14 @ 08:58:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:11:30

Time Test Ended: 12:59:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/42

Interval: 3406.00 ft (KB) To 3430.00 ft (KB) (TVD)

Reference Elevations: 1999.00 ft (KB)

Total Depth: 3430.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8938 Outside

Press@RunDepth: 56.86 psig @ 3427.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.14

End Date: 2014.05.14

Last Calib.: 2014.05.14

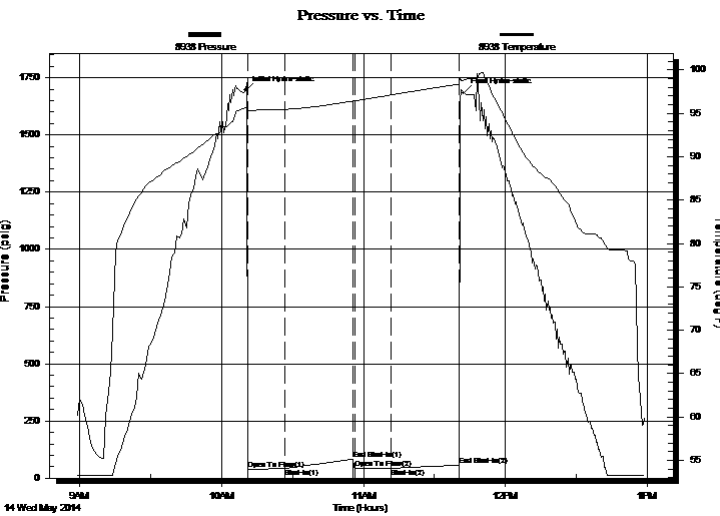
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End Time: 12:59:00

Time On Btm: 2014.05.14 @ 10:10:00

Time Off Btm: 2014.05.14 @ 11:42:30

TEST COMMENT: 1ST Open 15 Minutes/Weak blow/Blow built to 3/4 inch
1ST Shut In 30 Minutes/No blow back
2ND Open 15 Minutes/Weak surface blow/Blow did not build/Blow died in 10 minutes
2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1694.40	95.61	Initial Hydro-static
1	38.98	95.27	Open To Flow (1)
17	41.86	95.45	Shut-In(1)
46	83.26	96.43	End Shut-In(1)
47	41.46	96.46	Open To Flow (2)
62	42.85	97.12	Shut-In(2)
91	56.86	98.39	End Shut-In(2)
93	1683.93	98.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud with show of oil in tool/Mud 100%	0.14

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18261

DST#: 3

Test Start: 2014.05.14 @ 08:58:00

Tool Information

Drill Pipe:	Length: 3405.00 ft	Diameter: 3.80 inches	Volume: 47.76 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:	65000.00 lb
			<u>Total Volume: 47.76 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3406.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 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
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Shut-In Tool	5.00			3384.00	
Hydraulic tool	5.00			3389.00	
Jars	5.00			3394.00	
Safety Joint	2.00			3396.00	
Top Packer	5.00			3401.00	
Packer	5.00			3406.00	27.00 Bottom Of Top Packer
Anchor	19.00			3425.00	
Recorder	1.00	6749	Inside	3426.00	
Recorder	1.00	8938	Outside	3427.00	
Bullnose	3.00			3430.00	24.00 Anchor Tool
Total Tool Length:	51.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18261

DST#: 3

Test Start: 2014.05.14 @ 08:58:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 59.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 8.80 in³
Resistivity: ohm.m
Salinity: 5100.00 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
10.00	Mud with show of oil in tool/Mud 100%	0.140

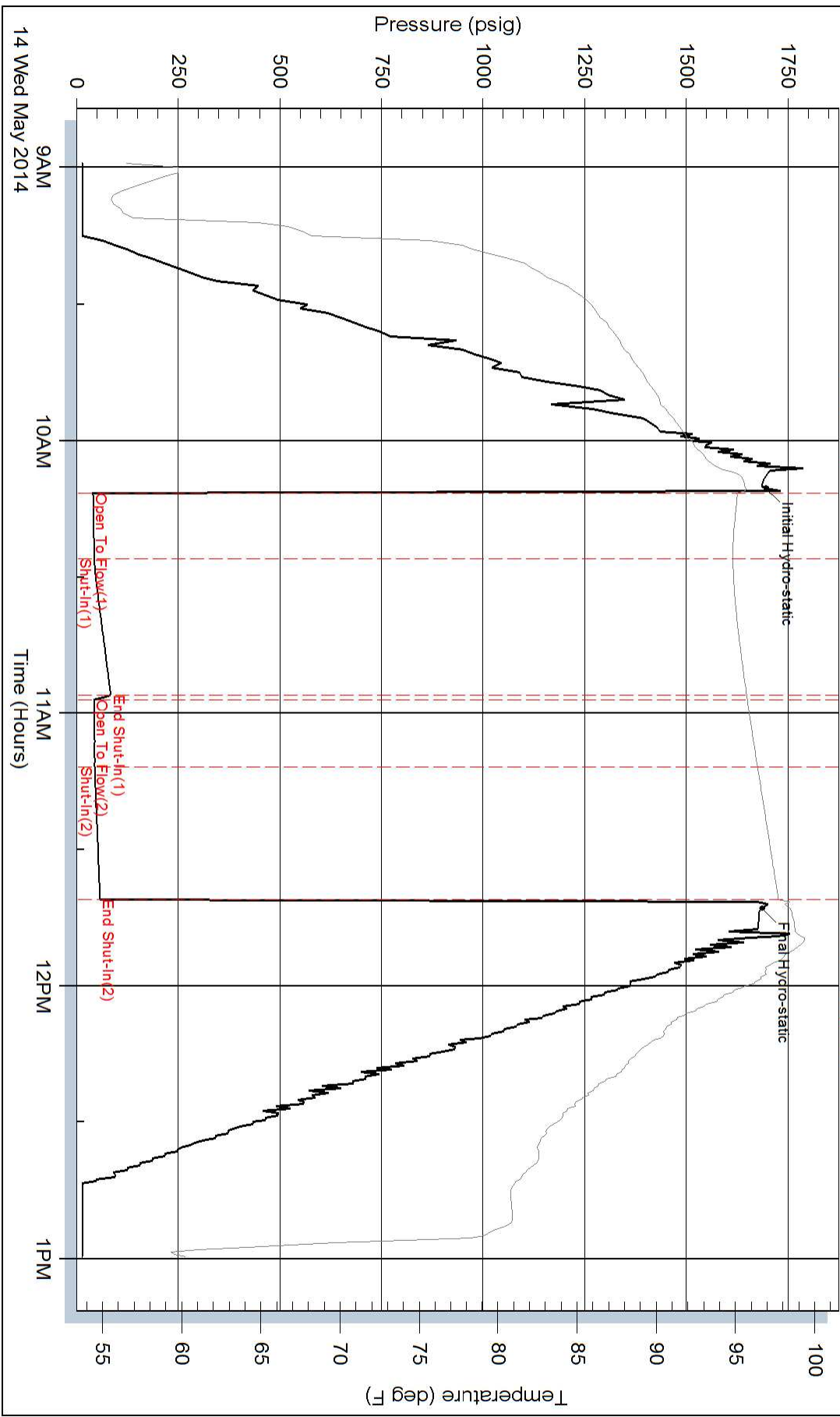
Total Length: 10.00 ft Total Volume: 0.140 bbl

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

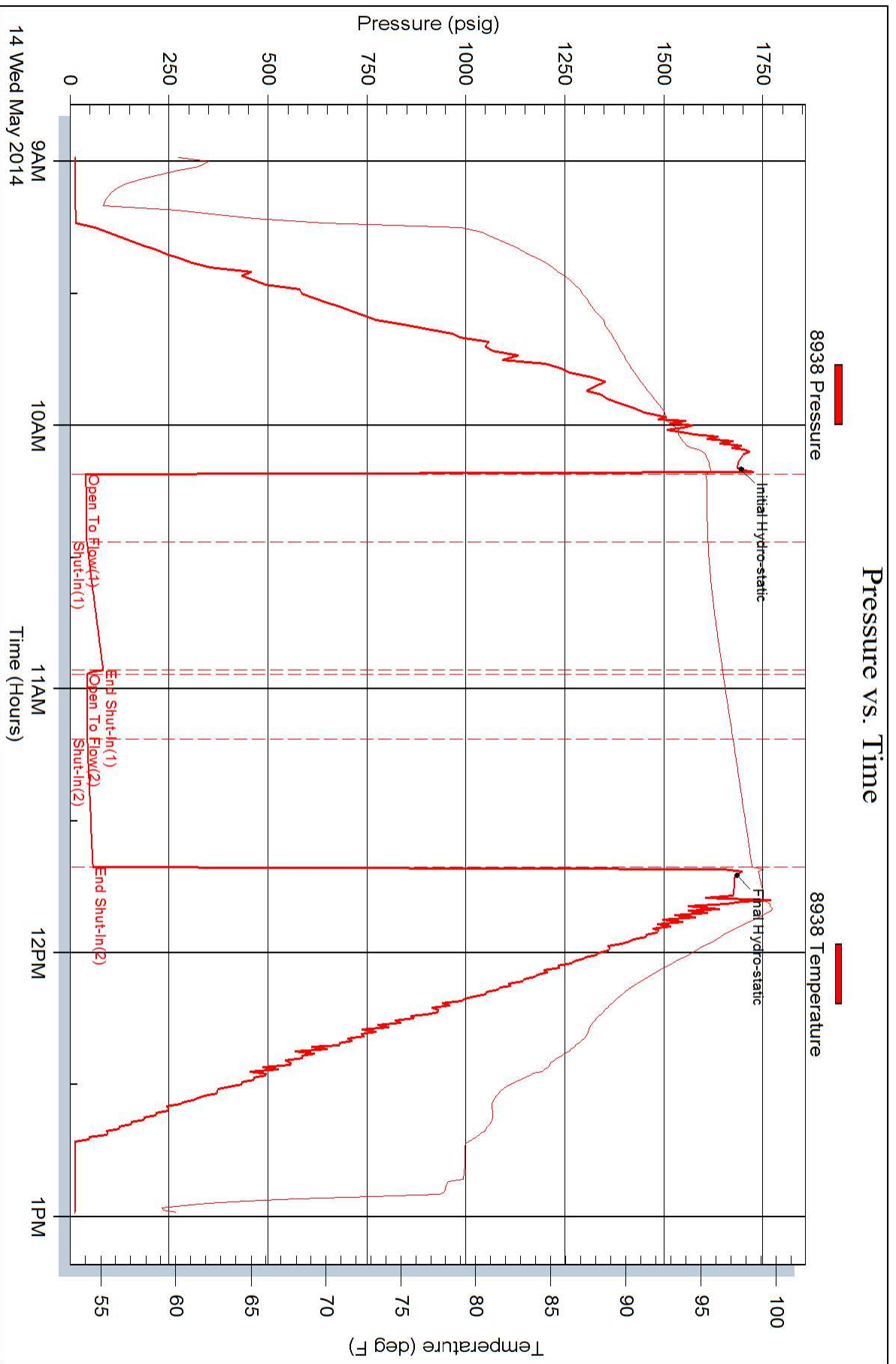
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **FG Holl Company LLC**

9431 East Central
Suite 100
Wichita, Kansas 67206+2563

ATTN: Renee Husted

Stoss # 1-35

35/17S/15W/Barton

Start Date: 2014.05.14 @ 19:37:00

End Date: 2014.05.15 @ 00:16:00

Job Ticket #: 18262 DST #: 4

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

Printed: 2014.05.15 @ 00:26:08



DRILL STEM TEST REPORT

FG Holl Company LLC
 9431 East Central
 Suite 100
 Wichita, Kansas 67206+2563
 ATTN: Renee Husted

35/17S/15W/Barton

Stoss # 1-35

Job Ticket: 18262

DST#: 4

Test Start: 2014.05.14 @ 19:37:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:05:30

Time Test Ended: 00:16:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/42

Interval: 3430.00 ft (KB) To 3450.00 ft (KB) (TVD)

Reference Elevations: 1999.00 ft (KB)

Total Depth: 3450.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6749

Inside

Press@RunDepth: 40.90 psig @ 3446.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.14

End Date:

2014.05.15

Last Calib.:

2014.05.15

Start Time:

19:37:00

End Time:

00:16:00

Time On Btm:

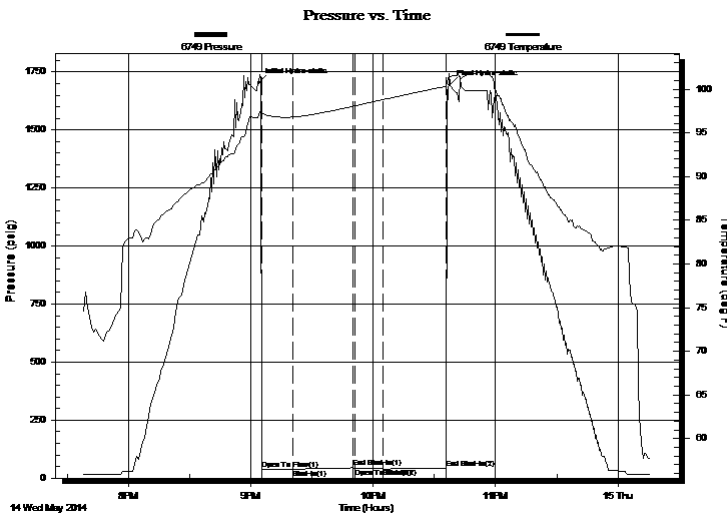
2014.05.14 @ 21:04:00

Time Off Btm:

2014.05.14 @ 22:37:30

TEST COMMENT: 1ST Open 15 Minutes/Weak blow/Blow built to just below surface
 1ST Shut In 30 Minutes/No blow back
 2ND Open 15 Minutes/Weak surface blow/Blow died in 3 minutes
 2ND Shut In 30 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.54	97.13	Initial Hydro-static
2	36.92	97.23	Open To Flow (1)
17	39.31	96.81	Shut-In(1)
46	44.52	98.05	End Shut-In(1)
47	40.61	98.10	Open To Flow (2)
61	40.90	98.82	Shut-In(2)
92	42.94	100.32	End Shut-In(2)
94	1694.08	101.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Mud in tool/Mud 100%	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18262

DST#: 4

Test Start: 2014.05.14 @ 19:37:00

Tool Information

Drill Pipe:	Length: 3407.00 ft	Diameter: 3.80 inches	Volume: 47.79 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: 60000.00 lb
			<u>Total Volume: 47.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3430.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	47.00 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			3408.00	
Hydraulic tool	5.00			3413.00	
Jars	5.00			3418.00	
Safety Joint	2.00			3420.00	
Top Packer	5.00			3425.00	
Packer	5.00			3430.00	27.00 Bottom Of Top Packer
Anchor	15.00			3445.00	
Recorder	1.00	6749	Inside	3446.00	
Recorder	1.00	8938	Outside	3447.00	
Bullnose	3.00			3450.00	20.00 Anchor Tool
Total Tool Length:	47.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18262

DST#: 4

Test Start: 2014.05.14 @ 19:37:00

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: 5100.00 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
0.00	Mud in tool/Mud 100%	0.000

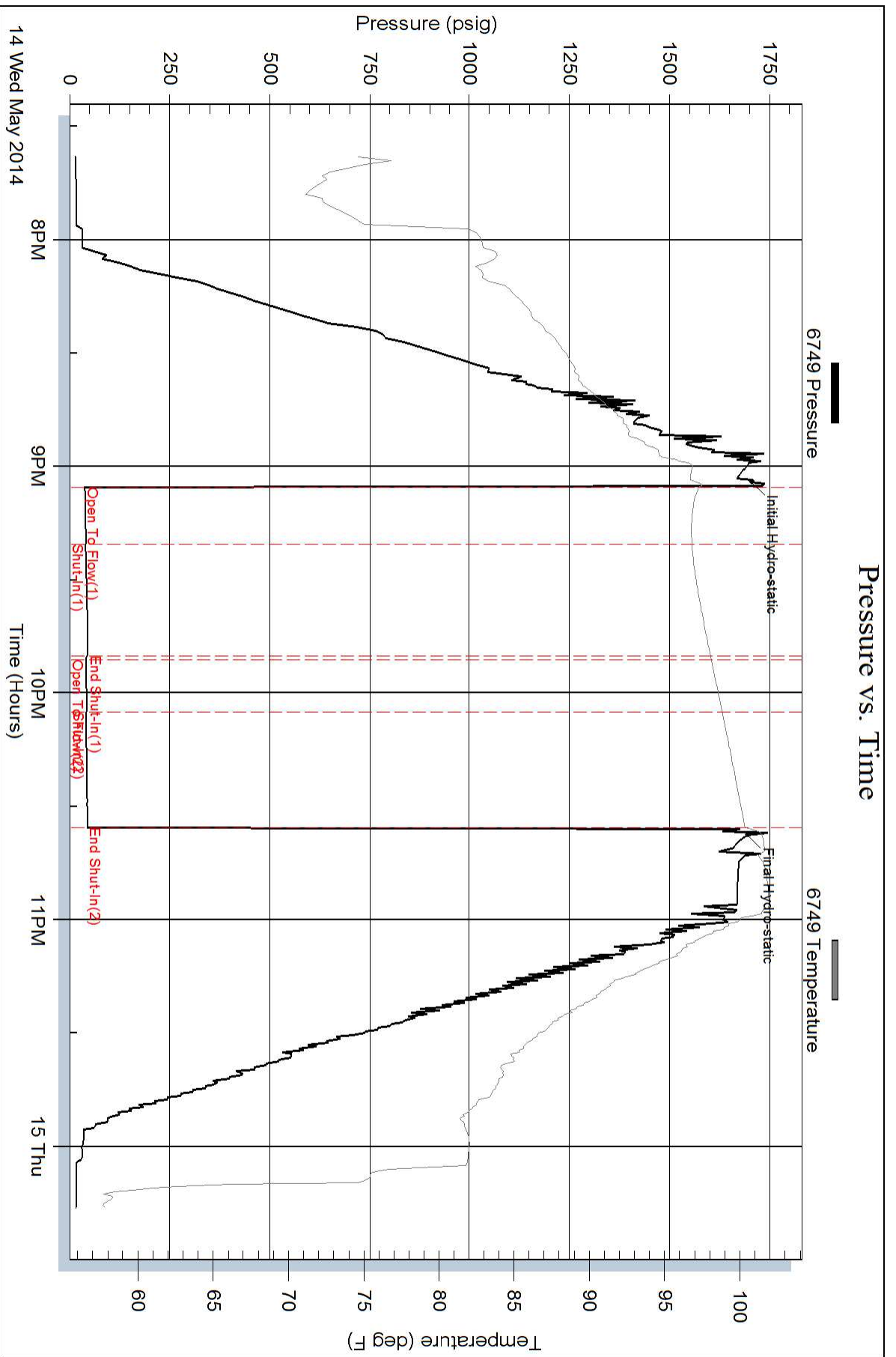
Total Length: ft Total Volume: bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

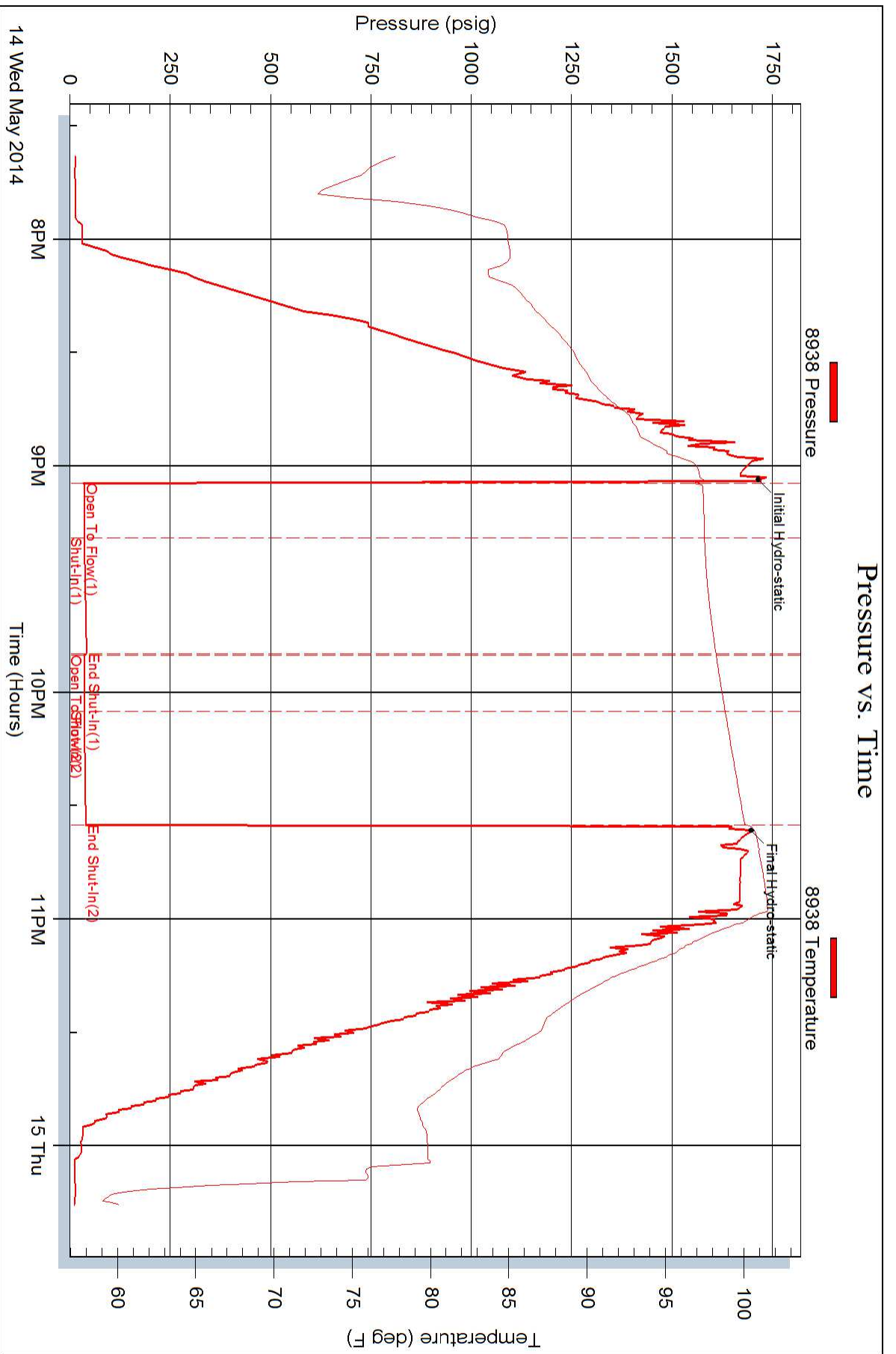


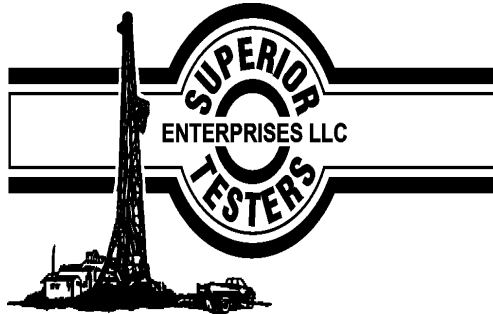
Serial #: 8938

Outside FG Holl Company LLC

Stoss # 1-35

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **FG Holl Company LLC**

9431 East Central
Suite 100
Wichita, Kansas 67206+2563

ATTN: Renee Husted

Stoss # 1-35

35/17S/15W/Barton

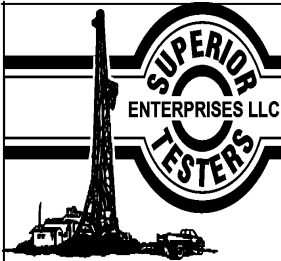
Start Date: 2014.05.15 @ 07:29:00

End Date: 2014.05.15 @ 14:01:30

Job Ticket #: 18263 DST #: 5

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

Printed: 2014.05.15 @ 14:12:28



DRILL STEM TEST REPORT

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18263

DST#: 5

Test Start: 2014.05.15 @ 07:29:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:45:30

Time Test Ended: 14:01:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/42

Interval: 3450.00 ft (KB) To 3468.00 ft (KB) (TVD)

Reference Elevations: 1999.00 ft (KB)

Total Depth: 3468.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6749

Inside

Press@RunDepth: 53.16 psig @ 3464.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.15

End Date: 2014.05.15

Last Calib.: 2014.05.15

Start Time: 07:29:00

End Time: 14:01:30

Time On Btm: 2014.05.15 @ 08:42:30

Time Off Btm: 2014.05.15 @ 12:32:30

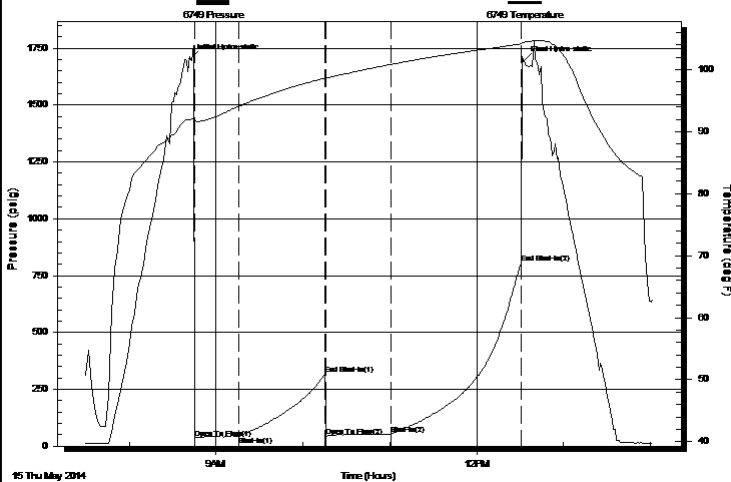
TEST COMMENT: 1ST Open 30 Minutes/Fair blow /Blow built to 9 inches

1ST Shut In 60 Minutes/Weak surface blow back

2ND Open 45 Minutes/Strong blow /Blow built to bottom of bucket in 25 seconds then slow ed considerably

2ND Shut In 90 Minutes/Weak surface blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1702.26	92.02	Initial Hydro-static
3	36.73	91.72	Open To Flow (1)
33	42.99	94.05	Shut-In(1)
93	315.52	98.64	End Shut-In(1)
94	41.69	98.63	Open To Flow (2)
138	53.16	100.84	Shut-In(2)
228	806.77	104.17	End Shut-In(2)
230	1693.41	104.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	Gas cut Oily Mud	0.77
0.00	Gas 10% Oil 40% Mud 50%	0.00
0.00	439 feet of gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

FG Holl Company LLC
 9431 East Central
 Suite 100
 Wichita, Kansas 67206+2563
 ATTN: Renee Husted

35/17S/15W/Barton

Stoss # 1-35

Job Ticket: 18263

DST#: 5

Test Start: 2014.05.15 @ 07:29:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:45:30

Time Test Ended: 14:01:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/42

Interval: 3450.00 ft (KB) To 3468.00 ft (KB) (TVD)

Reference Elevations: 1999.00 ft (KB)

Total Depth: 3468.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8938 Outside

Press@RunDepth: 808.15 psig @ 3465.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.15 End Date: 2014.05.15

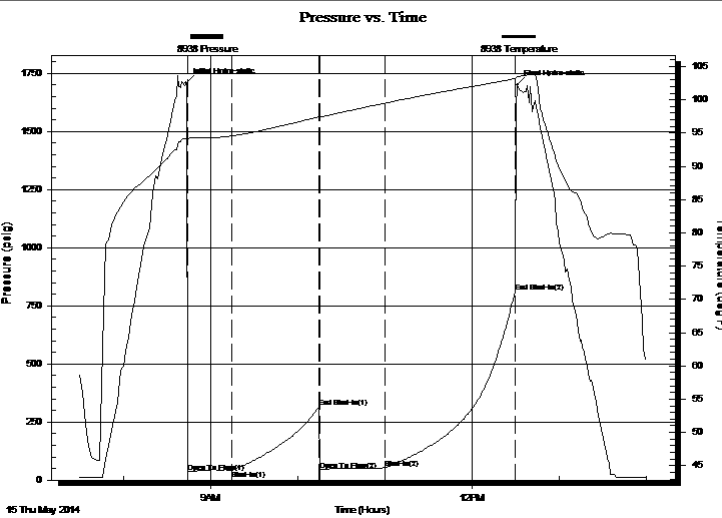
Last Calib.: 2014.05.15

Start Time: 07:29:00 End Time: 14:00:30

Time On Btm: 2014.05.15 @ 08:43:30

Time Off Btm: 2014.05.15 @ 12:31:30

TEST COMMENT: 1ST Open 30 Minutes/Fair blow /Blow built to 9 inches
 1ST Shut In 60 Minutes/Weak surface blow back
 2ND Open 45 Minutes/Strong blow /Blow built to bottom of bucket in 25 seconds then slow ed considerably
 2ND Shut In 90 Minutes/Weak surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1708.43	94.18	Initial Hydro-static
1	35.63	94.00	Open To Flow (1)
32	42.23	94.57	Shut-In(1)
91	315.14	97.40	End Shut-In(1)
92	42.29	97.39	Open To Flow (2)
137	52.80	99.47	Shut-In(2)
227	808.15	103.17	End Shut-In(2)
228	1699.90	103.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	Gas cut Oily Mud	0.77
0.00	Gas 10% Oil 40% Mud 50%	0.00
0.00	439 feet of gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18263

DST#: 5

Test Start: 2014.05.15 @ 07:29:00

Tool Information

Drill Pipe:	Length: 3438.00 ft	Diameter: 3.80 inches	Volume: 48.23 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: 60000.00 lb
			<u>Total Volume: 48.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3450.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3428.00	
Hydraulic tool	5.00			3433.00	
Jars	5.00			3438.00	
Safety Joint	2.00			3440.00	
Top Packer	5.00			3445.00	
Packer	5.00			3450.00	27.00 Bottom Of Top Packer
Anchor	13.00			3463.00	
Recorder	1.00	6749	Inside	3464.00	
Recorder	1.00	8938	Outside	3465.00	
Bullnose	3.00			3468.00	18.00 Anchor Tool
Total Tool Length:	45.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18263

DST#: 5

Test Start: 2014.05.15 @ 07:29:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 5600.00 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
55.00	Gas cut Oily Mud	0.772
0.00	Gas 10% Oil 40% Mud 50%	0.000
0.00	439 feet of gas in pipe	0.000

Total Length: 55.00 ft Total Volume: 0.772 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

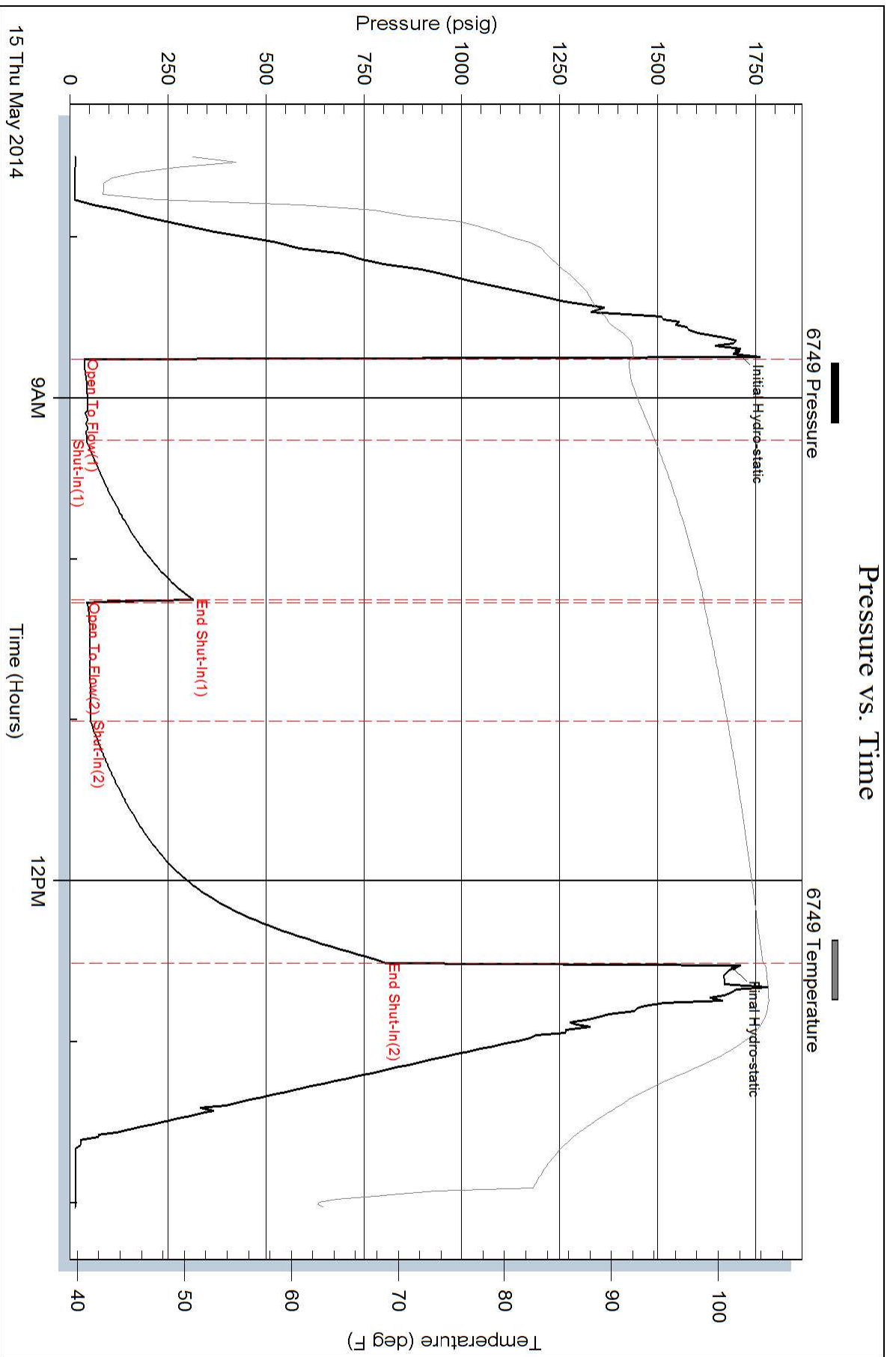
Serial #:

Laboratory Name:

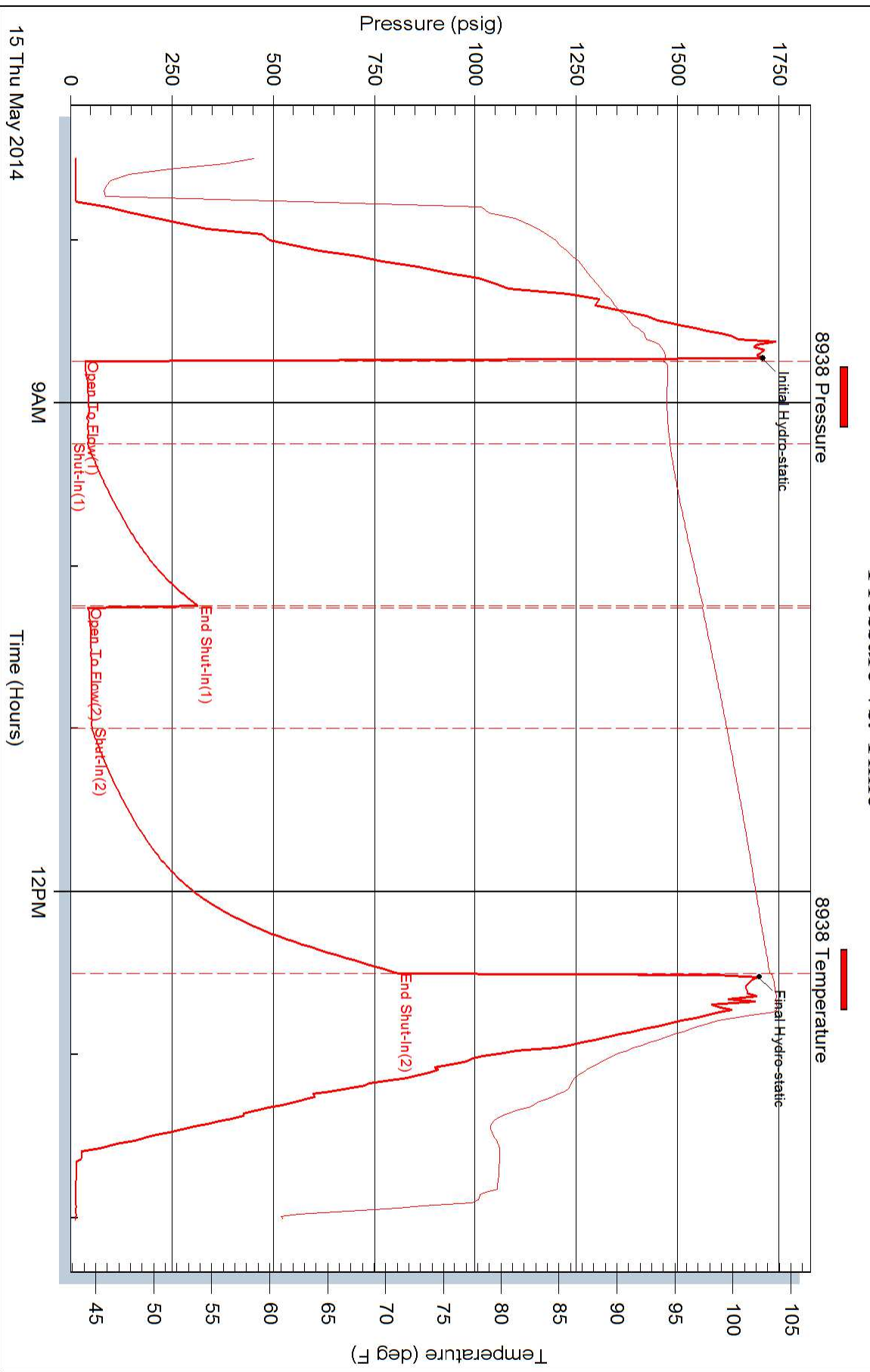
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **FG Holl Company LLC**

9431 East Central
Suite 100
Wichita, Kansas 67206+2563

ATTN: Renee Husted

Stoss # 1-35

35/17S/15W/Barton

Start Date: 2014.05.15 @ 21:05:00

End Date: 2014.05.16 @ 01:33:30

Job Ticket #: 18264 DST #: 6

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

Printed: 2014.05.16 @ 01:44:49



DRILL STEM TEST REPORT

FG Holl Company LLC
 9431 East Central
 Suite 100
 Wichita, Kansas 67206+2563
 ATTN: Renee Husted

35/17S/15W/Barton

Stoss # 1-35

Job Ticket: 18264

DST#: 6

Test Start: 2014.05.15 @ 21:05:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:35:30

Time Test Ended: 01:33:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/42

Interval: 3468.00 ft (KB) To 3488.00 ft (KB) (TVD)

Reference Elevations: 1999.00 ft (KB)

Total Depth: 3488.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6749

Inside

Press@RunDepth: 37.44 psig @ 3484.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.15

End Date:

2014.05.16

Last Calib.:

2014.05.16

Start Time:

21:05:00

End Time:

01:33:30

Time On Btm:

2014.05.15 @ 22:34:30

Time Off Btm:

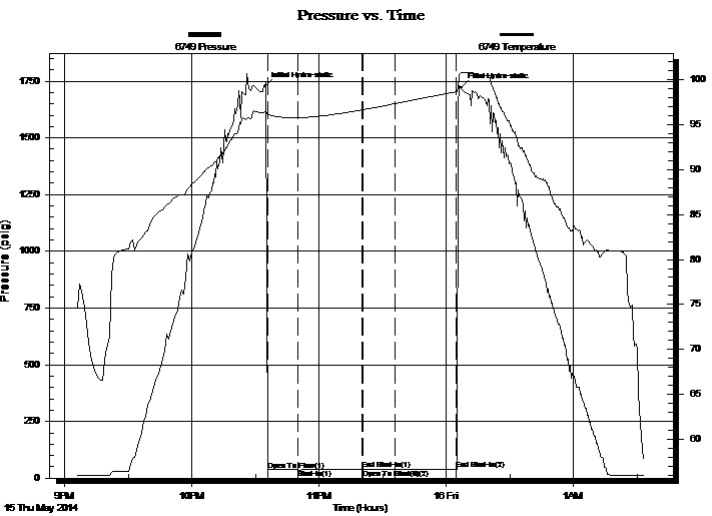
2014.05.16 @ 00:07:00

TEST COMMENT: 1ST Open 15 Minutes/Weak surface blow/Blow died in 10 minutes

1ST Shut In 30 Minutes/No blow back

2ND Open 15 Minutes/Dead no blow

2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.62	96.43	Initial Hydro-static
1	36.57	96.12	Open To Flow (1)
16	37.29	95.78	Shut-In(1)
46	39.28	96.65	End Shut-In(1)
46	37.12	96.67	Open To Flow (2)
61	37.44	97.34	Shut-In(2)
90	38.47	98.67	End Shut-In(2)
93	1719.58	100.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Mud in tool with show of oil/Mud 100%	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18264

DST#: 6

Test Start: 2014.05.15 @ 21:05:00

Tool Information

Drill Pipe:	Length: 3469.00 ft	Diameter: 3.80 inches	Volume: 48.66 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: 68000.00 lb
			<u>Total Volume: 48.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3468.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	47.00 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			3446.00	
Hydraulic tool	5.00			3451.00	
Jars	5.00			3456.00	
Safety Joint	2.00			3458.00	
Top Packer	5.00			3463.00	
Packer	5.00			3468.00	27.00 Bottom Of Top Packer
Anchor	15.00			3483.00	
Recorder	1.00	6749	Inside	3484.00	
Recorder	1.00	8938	Outside	3485.00	
Bullnose	3.00			3488.00	20.00 Anchor Tool
Total Tool Length:	47.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company LLC

35/17S/15W/Barton

9431 East Central
Suite 100
Wichita, Kansas 67206+2563
ATTN: Renee Husted

Stoss # 1-35

Job Ticket: 18264

DST#: 6

Test Start: 2014.05.15 @ 21:05:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 5600.00 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
0.00	Mud in tool with show of oil/Mud 100%	0.000

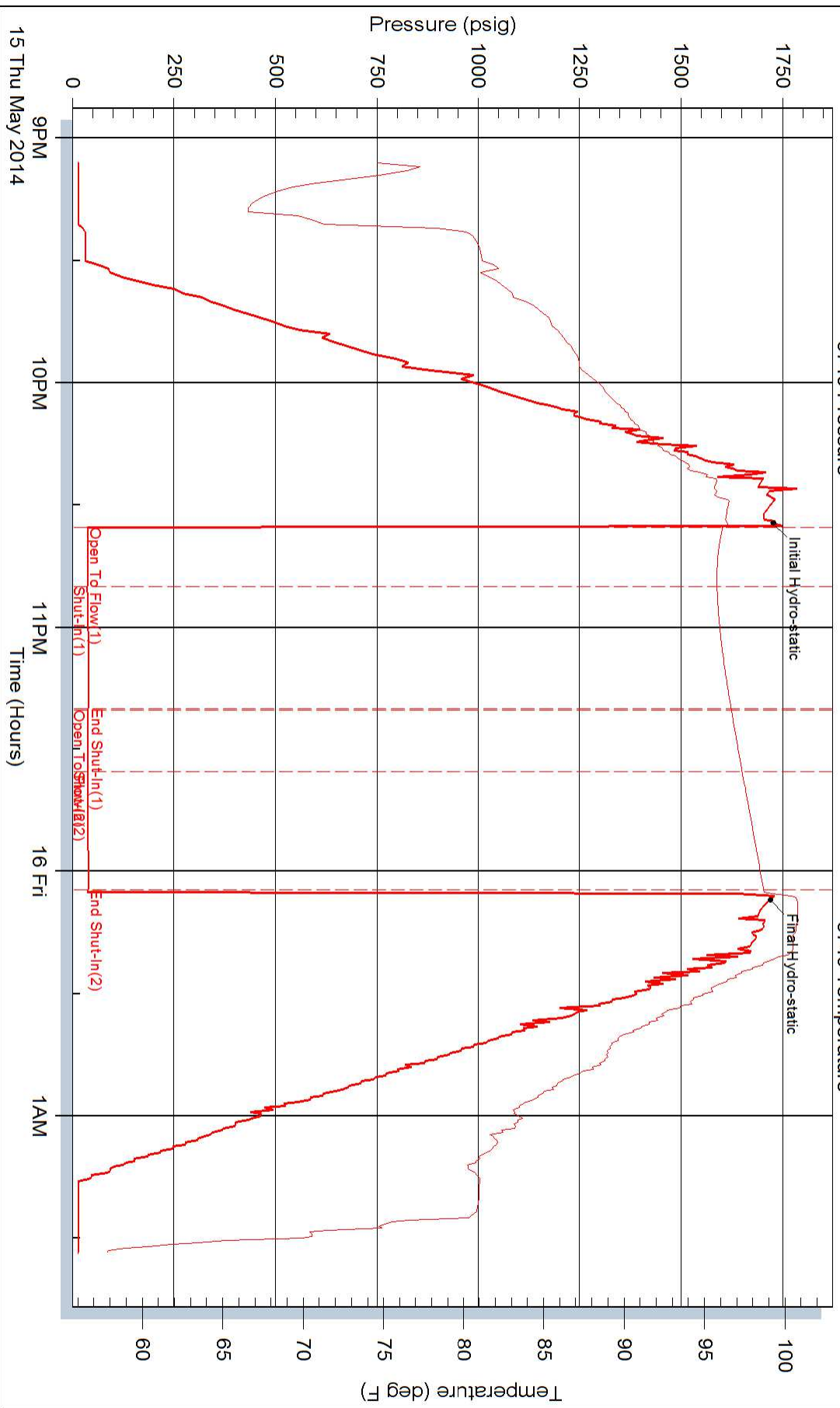
Total Length: ft Total Volume: bbl

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

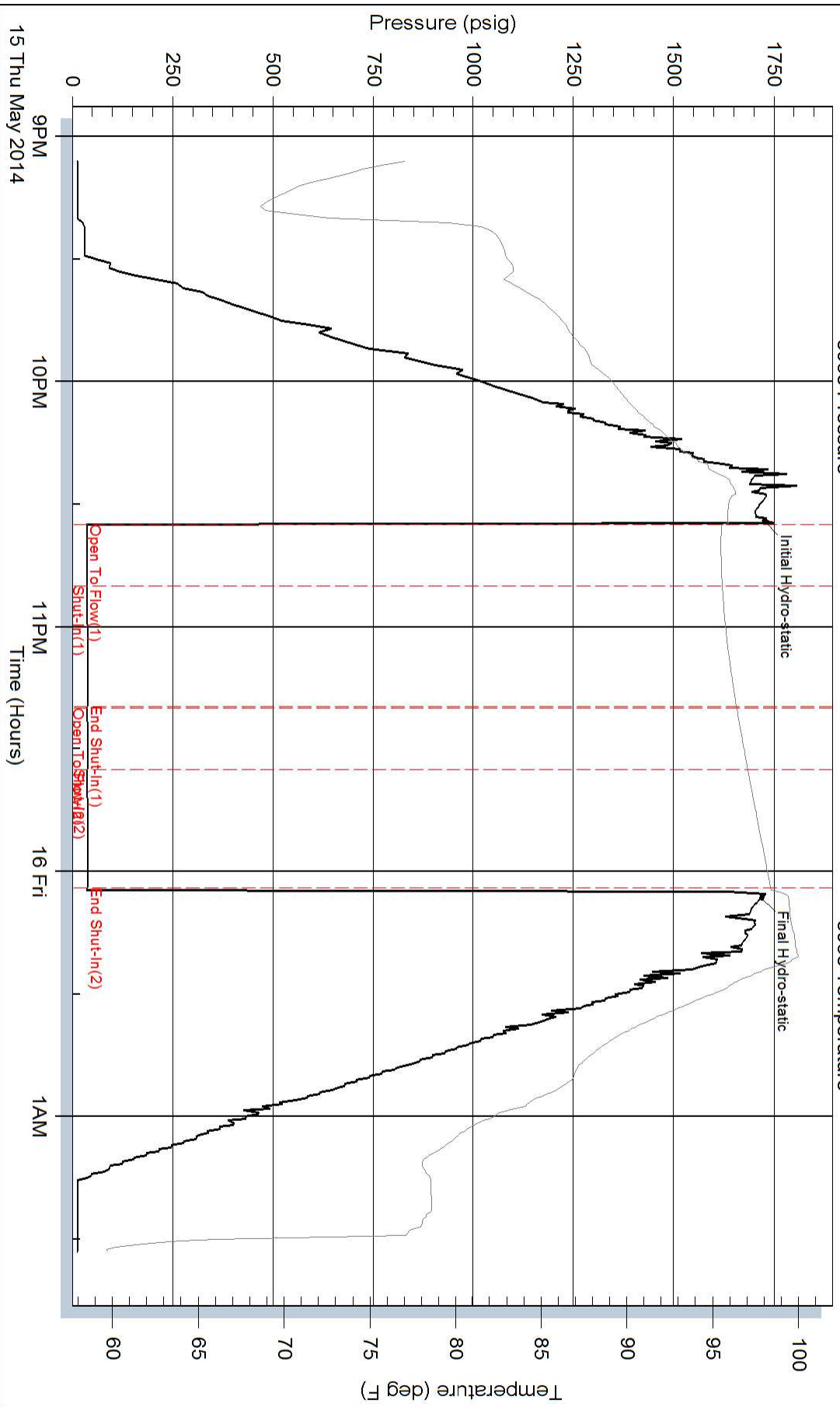
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time



Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

September 15, 2014

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

Re: ACO-1
API 15-009-25978-00-00
STOSS 1-35
NE/4 Sec.35-17S-15W
Barton County, Kansas

Dear Franklin R. Greenbaum:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 05/07/2014 and the ACO-1 was received on September 15, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department