

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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AUG 26 2010

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
Blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

8/24/12

OPERATOR: License # 5056
Name: F.G. Holl Company, L.L.C.
Address 1: 9431 E. Central, Suite 100
Address 2:
City: Wichita State: KS Zip: 67206 +
Contact Person: Franklin R. Greenbaum
Phone: (316) 684-8481, Ext. 206
CONTRACTOR: License # 5929
Name: Duke Drilling Company Inc.
Wellsite Geologist: Ryan Greenbaum
Purchaser: NCRA

KCC
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Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: Plug Back Total Depth
 Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:
06/10/2010 06/19/2010 7/21/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 009-25,429-0000
Spot Description: 90' N. OF
C SW NE NW Sec. 6 Twp. 20 S. R. 15 East West
900 Feet from North / South Line of Section
1,650 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: HETZKE Well #: 1-6
Field Name: Behrens
Producing Formation: Arbuckle
Elevation: Ground: 1979' Kelly Bushing: 1987'
Total Depth: 3950' Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1019 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: 61,000 ppm Fluid volume: 1,000 bbls
Dewatering method used: Hauled free fluids to SWD
Location of fluid disposal if hauled offsite:
Operator Name: Pauls Oilfield Service, INC.
Lease Name: MILLER #1 License #: 31085
Quarter NW Sec. 6 Twp. 19 S. R. 15 East West
County: Barton Permit #: D-21,324

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

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Franklin R. Greenbaum
Title: Exploration Manager Date: 08/23/2010

KCC Office Use ONLY

- Letter of Confidentiality Received Date: 8/24/10 - 8/24/12
- Confidential Release Date:
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NS Date: 9-10-10

Operator Name: F.G. Holl Company, L.L.C. Lease Name: HETZKE Well #: 1-6
 Sec. 6 Twp. 20 S. R. 15 East West County: Barton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: DIL/CPI/CNL/CDL ML/BHCS/SONIC	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attachment
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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
Surface	12-1/4"	8-5/8"	24#	1019'	A-Con & Common	300 & 175sx	
Production	7-7/8"	5-1/2"	15.5#	3948'	60/40 Poz & AA-2	50 & 140sx	

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	3688' - 3692'	Common	25sx	FLA-322

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
4 SPF	3688' - 3692' Arbuckle	Treat w/ 150 gal 15% dsfe acid	
4 SPF	3705' - 3708' Arbuckle		
4 SPF	3696' - 3699' Arbuckle	Treat w/ 250 gal 15% fe acid	
		Treat w/ 350 gal 15% fe acid	

TUBING RECORD:	Size: <u>2-7/8"</u>	Set At: <u>3865'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3688' - 3699' OA Arbuckle</u>
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BASIC

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 02209 A

6-205-15W

DATE TICKET NO.

DATE OF JOB: 7-7-10	DISTRICT: Pratt, Kansas	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.G. Holl Company, LLC		LEASE: Hetzke		WELL NO: 6			
ADDRESS:		COUNTY: Barton		STATE: Kansas			
CITY:		STATE:		SERVICE CREW: C. Messick, M. Mattal, D. Phye			
AUTHORIZED BY:		JOB TYPE: C.N.W. - Squeeze Air bubble Perforations					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE AM TIME
19866	2.25						7-6-10 2:00 PM
19903-19905	2.25					ARRIVED AT JOB	7-7-10 10:00 AM
19960-19918	2.25					START OPERATION	11:00 AM
						FINISH OPERATION	1:15 PM
						RELEASED	7-7-10 1:45 PM
						MILES FROM STATION TO WELL	5.5

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

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

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

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 100	Common Cement	sh	25		00
CP 100	Common Cement	sh	25		00
CC 105	Defoamer	Lb	6		00
CC 129	FLA-322	Lb	24		00
E 100	Pickup Mileage	mi	55		75
E 101	Heavy Equipment Mileage	mi	110		00
E 113	Both Delivery	tm	132		20
CE 204	Cement Pump: 3,000 Feet To 4,000 Feet	Job	1		00
CE 240	Blending and Mixing Service	sh	50		00
S003	Service Supervisor	Job	1		20
CE 500	Squeeze Manifold	Job	1		00

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SUB TOTAL

\$ 399

CHEMICAL / ACID DATA:			

KCC WICHITA

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

SERVICE REPRESENTATIVE: Gerardo R. Madrid

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

FIELD SERVICE ORDER NO.



BASIC

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 02110 - A

DATE _____ TICKET NO. _____

DATE OF JOB: 6/17/10	DISTRICT: KCC	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.L.H. II	LEASE: Halzac	WELL NO: 16					
ADDRESS: CONFIDENTIAL	COUNTY: Barber	STATE: KS					
CITY: _____	STATE: _____	SERVICE CREW: Orlan, M. L., Black					
AUTHORIZED BY: _____	JOB TYPE: CNW - 5/10						

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
27383	1						6/17/10		PM	11:30
17757-20935	1								AM	4:00
17960-17718	1								PM	8:20
									AM	9:30
									AM	10:00
									PM	5:50

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: *Jerry Swartz*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	AA2 Cement		1100		00
CP102	Water Pump Cement		1100		00
CC102	CEM 50		35.6		50
CC105	Dr. Cement		33.6		00
CC111	Salt		6200		50
CC115	Brackish		15700		80
CC122	FLA 302		15700		00
CC201	Grout		1100		00
CC607	Water Down Pump		1		00
CC12-1	AA2 Cement		1100		00
CC1651	Water		1		00
CC1901	Water		1		00
CC2000	Cement Solutions		50		00
CC251	Superblock		5000		00

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CHEMICAL / ACID DATA:			

KCC WICHITA	SUB TOTAL	10,381.03
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	0.5
TOTAL		

SERVICE REPRESENTATIVE: *Jerry Swartz*

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

FIELD SERVICE ORDER NO. _____



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

KCC
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FIELD SERVICE TICKET
1718 02110 A
Continuation of Ticket 2110

DATE _____ TICKET NO. _____

DATE OF JOB: 6-19-10 DISTRICT: Plat #		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.B. Hall		LEASE: Hetzke WELL NO. 1-6						
ADDRESS:		COUNTY: Barton STATE: KS						
CITY: STATE:		SERVICE CREW: Orlando, Nelson, Black						
AUTHORIZED BY:		JOB TYPE: CNW - 5/2 L.S.						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
27283							6-19-10	11:50
19959-20920						ARRIVED AT JOB		4:00
19960-19918						START OPERATION		
						FINISH OPERATION		
						RELEASED		
						MILES FROM STATION TO WELL		55

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: *Jeray Smith*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E100	Pickup Mileage		55 mi.		75
E101	Heavy Equipment Mileage		110 mi.		00
E113	Bulk Delivery		600 gm		20
CE204	Depth Charge 3001-4000		1 ea		00
CE240	Cement Service Charge		2405K		00
CE501	Casing Swivel Rental		1 ea		00
CE504	Plug Container		1 ea		00
S003	Service Supervisor		1 ea		00

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KCC WICHITA

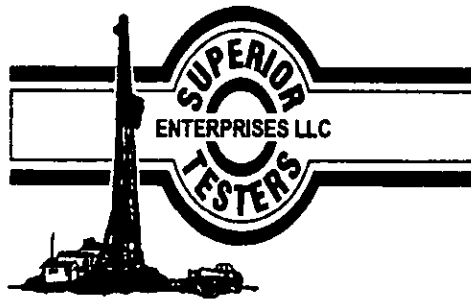
SUB TOTAL 10881.03

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: *Steve Orlando* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Jeray Smith*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



DRILL STEM TEST REPORT

Prepared For: **F.G. HOLL COMPANY L.L.C**

9431 E CENTRAL STE 100
WICHITA KS 67206

ATTN: RYAN GREENBAHM

6-20S-15W BARTON

HEIZKE 1-6

Start Date: 2010.06.12 @ 19:00:00

End Date: 2010.06.12 @ 23:44:00

Job Ticket #: 16371 DST #: 1

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KCC WICHITA

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

Printed: 2010.06.12 @ 23:50:08

F.G. HOLL COMPANY L.L.C

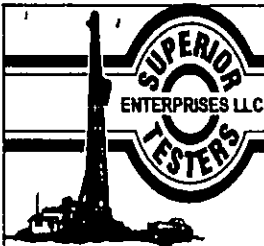
HEIZKE 1-6

6-20S-15W BARTON

DST # 1

HERRINGTON

2010.06.12



'DRILL STEM TEST REPORT

F.G. HOLL COMPANY L.L.C

HEIZKE 1-6

9431 E CENTRAL STE 100
WICHITA KS 67206

6-20S-15W BARTON

ATTN: RYAN GREENBAHM

Job Ticket: 16371 DST#: 1

Test Start: 2010.06.12 @ 19:00:00

GENERAL INFORMATION:

Formation: **HERRINGTON**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:00:30

Time Test Ended: 23:44:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 23 M GB

Interval: 1981.00 ft (KB) To 1989.00 ft (KB) (TVD)

Total Depth: 1980.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1989.00 ft (KB)

1981.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6651

Outside

Press@RunDepth: 504.54 psia @ 2062.00 ft (KB)

Start Date: 2010.06.12

End Date:

2010.06.12

Start Time: 19:00:00

End Time:

23:39:00

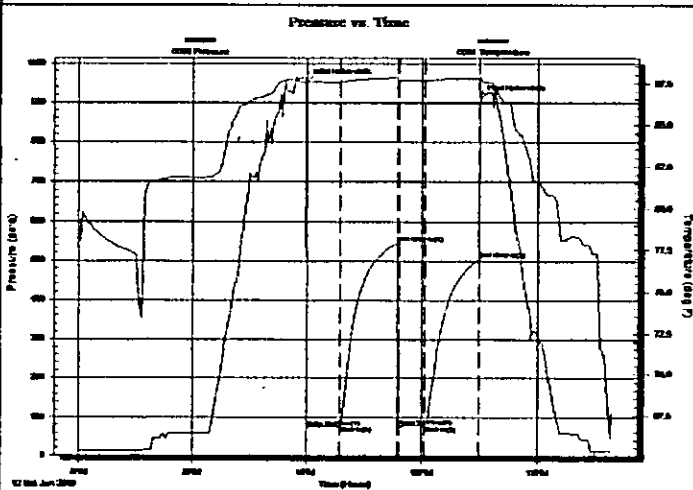
Capacity: 5000.00 psia

Last Calib.: 2010.06.12

Time On Btm: 2010.06.12 @ 20:59:30

Time Off Btm: 2010.06.12 @ 22:30:30

TEST COMMENT: 15-INITIAL OPENING WEAK SURFACE BLOW
30-INITIAL SHUT IN NO BLOW BACK
15-FINAL OPENING NO BLOW
30-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

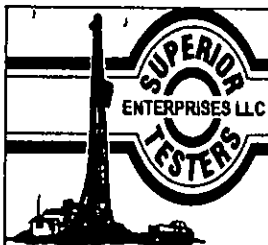
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	952.16	87.84	Initial Hydro-static
1	74.14	87.57	Open To Flow (1)
18	77.66	87.57	Shut-in(1)
48	544.11	87.81	End Shut-in(1)
49	76.91	87.66	Open To Flow (2)
62	77.62	87.64	Shut-in(2)
90	504.54	87.79	End Shut-in(2)
91	910.00	87.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	MUD100%M	0.37

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G. HOLL COMPANY L.L.C

HEIZKE 1-6

9431 E CENTRAL STE 100
WICHITA KS 67206

6-20S-15W BARTON

ATTN: RYAN GREENBAHM

Job Ticket: 16371

DST#: 1

Test Start: 2010.06.12 @ 19:00:00

Tool Information

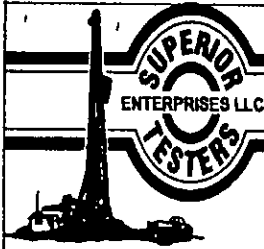
Drill Pipe:	Length: 1870.00 ft	Diameter: 3.88 inches	Volume: 27.35 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 27.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	-82.00 ft			String Weight: Initial 29000.00 lb
Depth to Top Packer:	1981.00 ft			Final 29000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	84.00 ft			
Tool Length:	113.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			1953.00	
Shut-In Tool	5.00			1958.00	
Hydroic Tool	5.00			1963.00	
Jars	6.00			1969.00	
Safety Joint	2.00			1971.00	
Packer	5.00			1976.00	29.00 Bottom Of Top Packer
Packer	5.00			1981.00	
Change Over Sub	0.75			1981.75	
Drill Pipe	62.50			2044.25	
Change Over Sub	0.75			2045.00	
Perforations	15.00			2060.00	
Recorder	1.00	6666	Inside	2061.00	
Recorder	1.00	6651	Outside	2062.00	
Bullnose	3.00			2065.00	84.00 Bottom Packers & Anchor

Total Tool Length: 113.00



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G. HOLL COMPANY L.L.C

HEIZKE 1-6

9431 E CENTRAL STE 100
WICHITA KS 67206

6-20S-15W BARTON

Job Ticket: 16371

DST#: 1

ATTN: RYAN GREENBAHM

Test Start: 2010.06.12 @ 19:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Satnity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 21000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	MUD100%M	0.366

Total Length: 25.00 ft

Total Volume: 0.366 bbl

Num Fluid Samples: 0

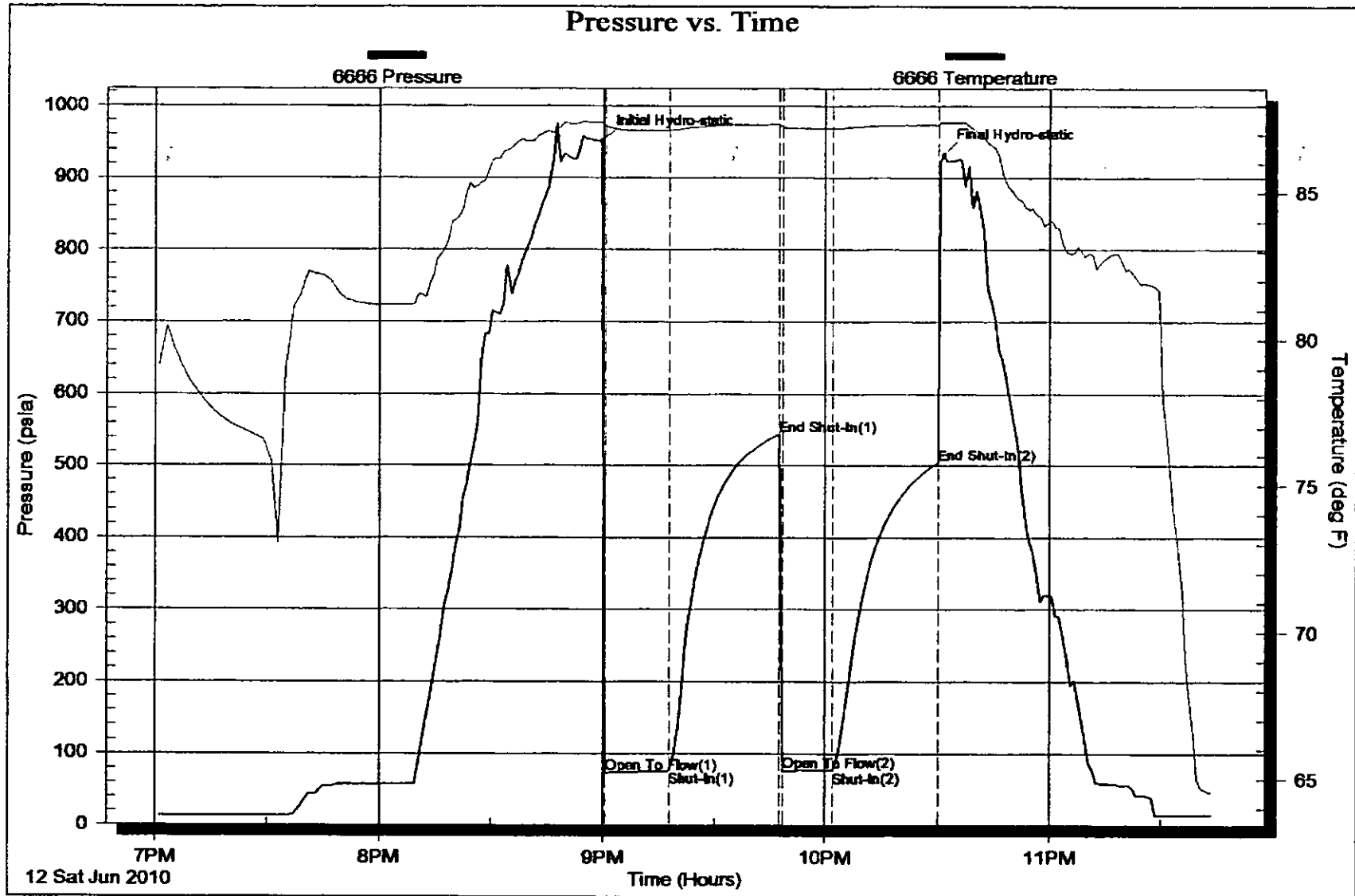
Num Gas Bombs: 0

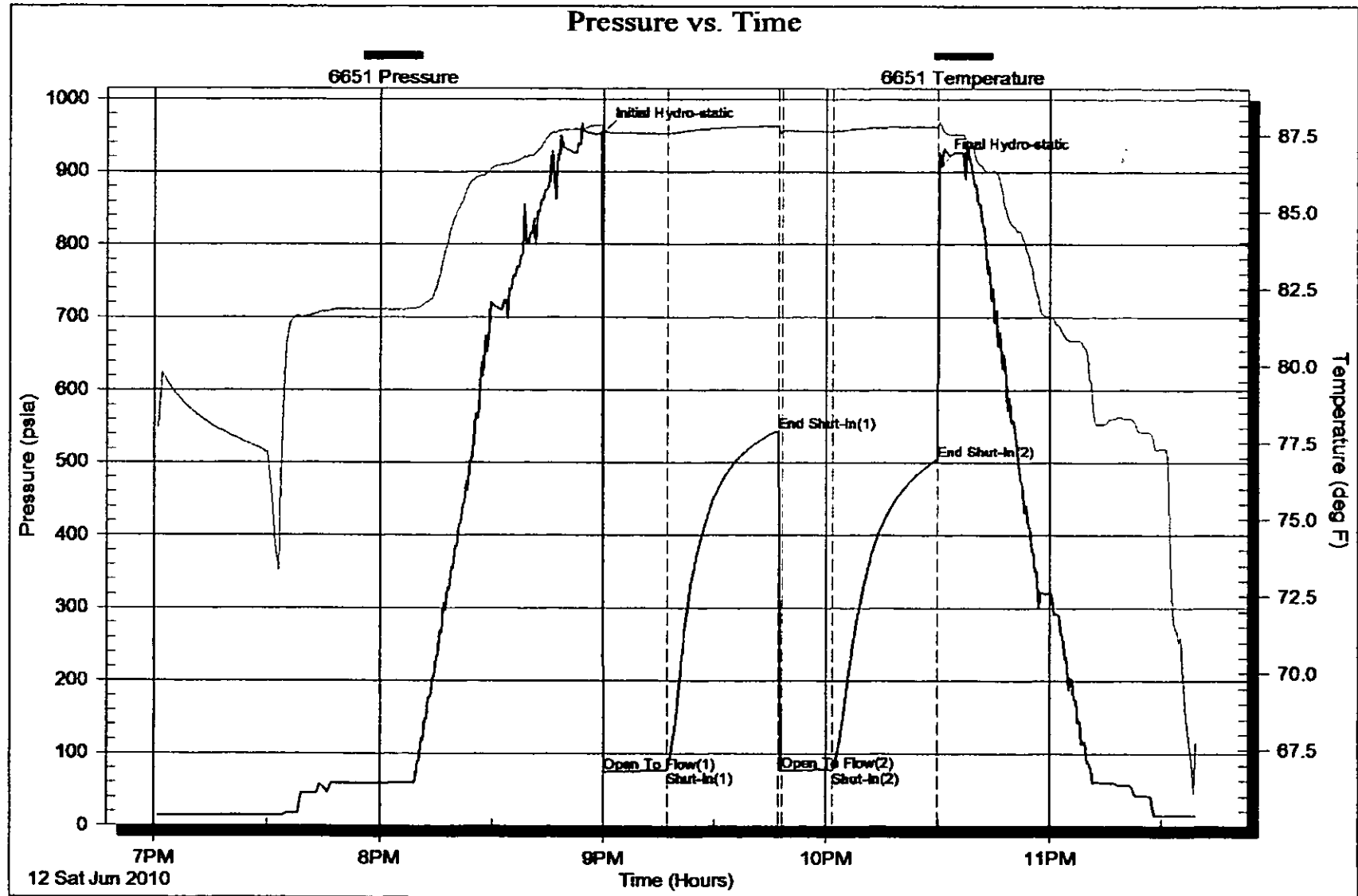
Serial #:

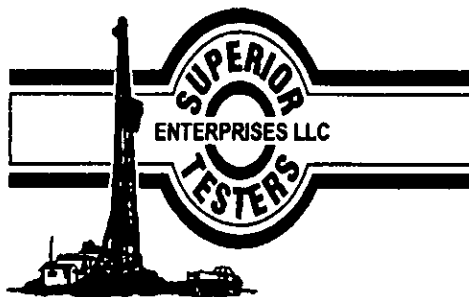
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **F.G.HOLL COMPANY LLC**

9431 EAST CENTRAL STE. 100 WICHITA
KANSAS 67206

ATTN: FRANKLIN R. GREENBAUM

6-20S-15W BARTON

HETZKE 1-6

Start Date: 2010.06.15 @ 09:25:00

End Date: 2010.06.15 @ 02:20:00

Job Ticket #: 15926 DST #: 2

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

Printed: 2010.06.15 @ 16:16:28

F.G.HOLL COMPANY LLC

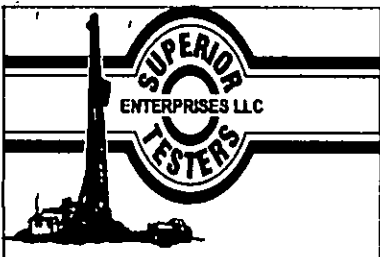
HETZKE 1-6

6-20S-15W BARTON

DST # 2

LANSING KANSAS CITY

2010.08.15



DRILL STEM TEST REPORT

F.G.HOLL COMPANY LLC
 9431 EAST CENTRAL STE. 100 WICHITA
 KANSAS 67206
 ATTN: FRANKLIN R. GREENBAUM, 100 WICHITA KANSAS 67206

HETZKE 1-6
6-20S-15W BARTON
 Job Ticket: 15926 DST#: 2
 2010.06.15 @ 09:25:00

GENERAL INFORMATION:

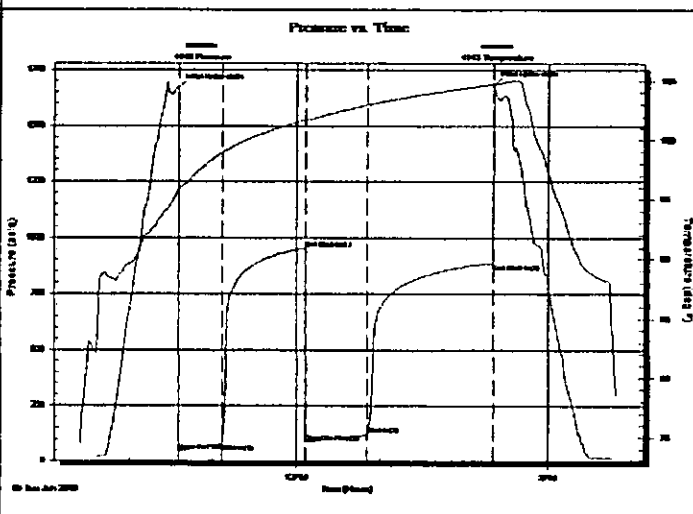
Formation: **LANSING KANSAS CITY**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:35:00
 Time Test Ended: 02:20:00
 Interval: **3382.00 ft (KB) To 3412.00 ft (KB) (TVD)**
 Total Depth: **3412.00 ft (KB) (TVD)**
 Hole Diameter: **6.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: DYLAN ELLIS
 Unit No: 3345
 Reference Elevations: 1987.00 ft (KB)
 1979.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 4143

Outside

Press@RunDepth: 849.44 psia @ 3404.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.06.15 End Date: 2010.06.15 Last Calib.: 2010.06.15
 Start Time: 09:25:01 End Time: 15:49:16 Time On Btm: 2010.06.15 @ 10:35:15
 Time Off Btm: 2010.06.15 @ 14:21:16

TEST COMMENT: 1st Opening 30 Minutes weak building blow built to 8 inches into the water
 1st Shut-in 60 Minutes -No blow back
 2nd Opening 45 Minutes-Weak building blow built to 8 inches into the water
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

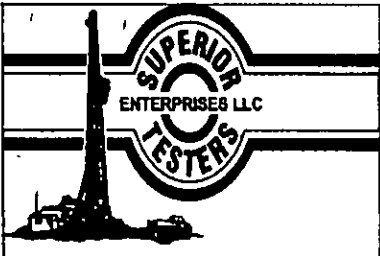
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1670.19	95.86	Initial Hydro-static
1	44.64	95.93	Open To Flow (1)
32	78.83	98.93	Shut-in(1)
92	952.96	101.69	End Shut-in(1)
92	86.99	101.71	Open To Flow (2)
136	120.86	102.98	Shut-in(2)
226	849.44	104.72	End Shut-in(2)
227	1683.76	104.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Slightly Muddy water 95% water 5% mud	2.52
0.00	Chlorides 54,000	0.00
0.00	Resistivity .1 @ 78 Degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.HOLL COMPANY LLC

HETZKE 1-6

9431 EAST CENTRAL STE 100 WICHITA
KANSAS 67206

6-20S-15W BARTON

Job Ticket: 15926

DST#: 2

ATTN: FRANKLIN R. GREENBAUM 100 WICHITA KANSAS 67206 2010.06.15 @ 09:25:00

Tool Information

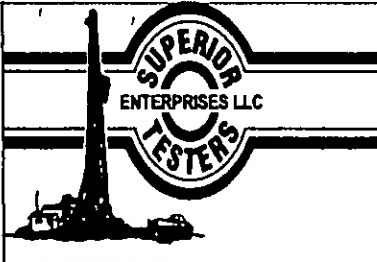
Drill Pipe:	Length: 3363.00 ft	Diameter: 3.80 inches	Volume: 47.17 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 47.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3377.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3349.00	
Shut-in Tool	5.00			3354.00	
Hydroic Tool	5.00			3359.00	
Jars	6.00			3365.00	
Safety Joint	2.00			3367.00	
Packer	5.00			3372.00	29.00 Bottom Of Top Packer
Packer	5.00			3377.00	
Perforations	25.00			3402.00	
Recorder	1.00	8400	Inside	3403.00	
Recorder	1.00	4143	Outside	3404.00	
Bullnose	3.00			3407.00	30.00 Bottom Packers & Anchor

Total Tool Length: 59.00



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.HOLL COMPANY LLC

HETZKE 1-6

9431 EAST CENTRAL STE. 100 WICHITA
KANSAS 67206

6-20S-15W BARTON

Job Ticket: 15926

DST#: 2

ATTN: FRANKLIN R. GREENBAUM 100 WICHITA KANSAS 67206 2010.06.15 @ 09:25:00

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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.38 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psia		
Salinity: 6700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

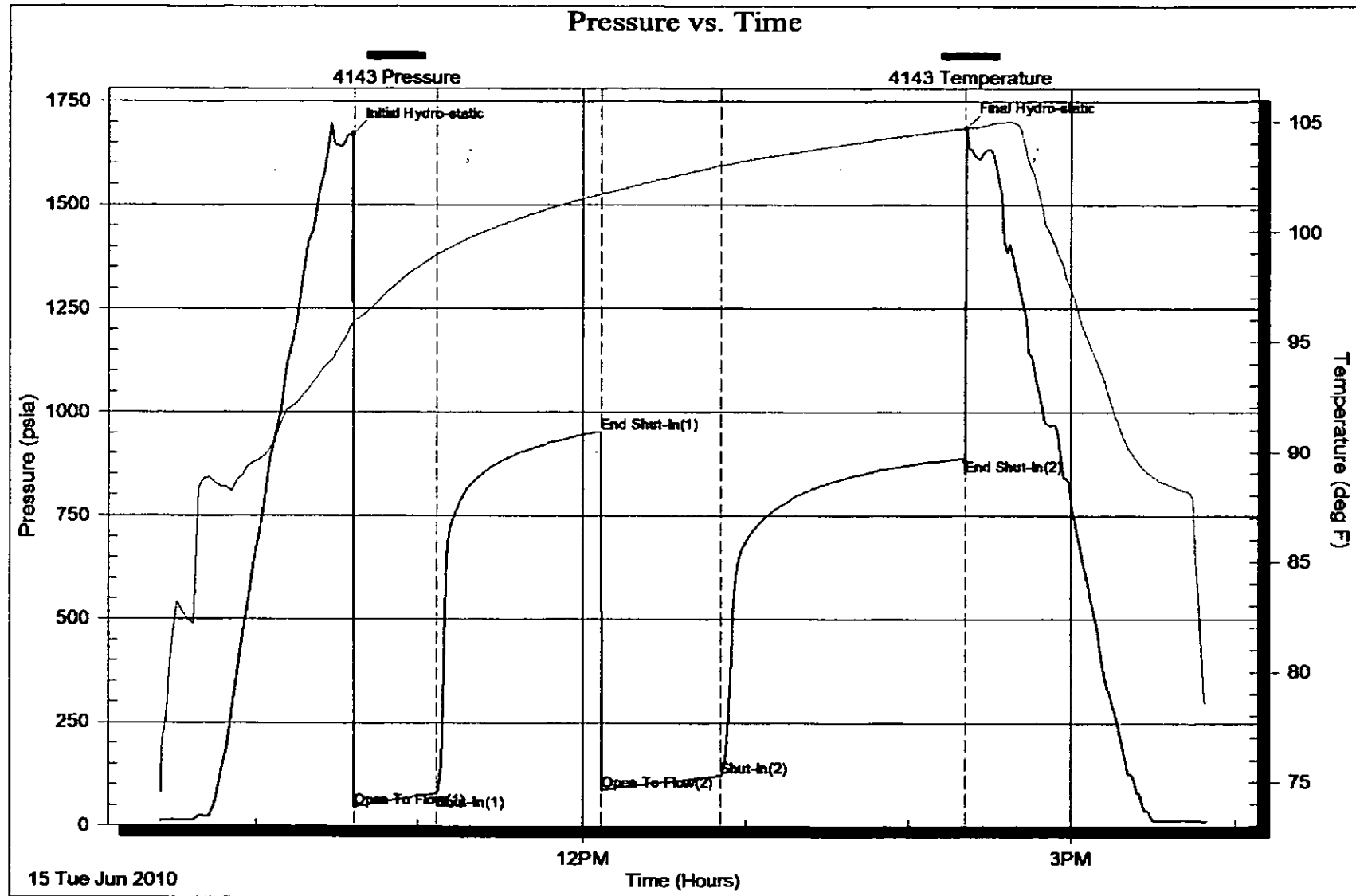
Length ft	Description	Volume bbl
180.00	Slightly Muddy water 95% water 5% mud	2.525
0.00	Chlorides 54,000	0.000
0.00	Resistivity .1 @ 78 Degrees	0.000

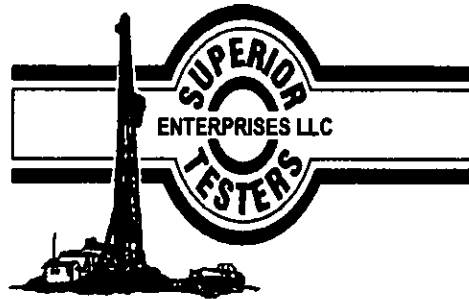
Total Length: 180.00 ft Total Volume: 2.525 bbl

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 LLC**

94351 East Central Suite 100
WICHITA KANSAS 67206

ATTN: Ryan Greenbaum

6-20S-15W BARTON

HETZKE #1-6

Start Date: 2010.06.16 @ 10:13:00

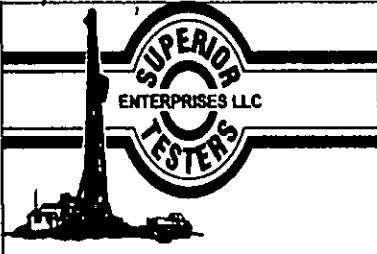
End Date: 2010.06.16 @ 00:00:00

Job Ticket #: 15927 DST #: 3

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

Printed: 2010.06.16 @ 17:16:06

F.G.HOLL COMPANY LLC HETZKE #1-6 6-20S-15W BARTON DST # 3 ARBUCKLE 2010.06.16



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.HOLL COMPANY LLC
 94351 East Central Suite 100
 WICHITA KANSAS 67206
 ATTN: Ryan Greenbaum

HETZKE #1-6
 6-20S-15W BARTON
 Job Ticket: 15927 DST#: 3
 Test Start: 2010.06.16 @ 10:13:00

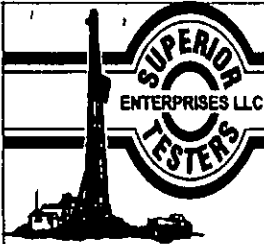
Tool Information

Drill Pipe:	Length: 3611.00 ft	Diameter: 3.80 inches	Volume: 50.65 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: 70000.00 lb
			<u>Total Volume: 50.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3608.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.71 ft			
Tool Length:	80.71 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3580.00	
Shut-In Tool	5.00			3585.00	
Hydroic Tool	5.00			3590.00	
Jars	6.00			3596.00	
Safety Joint	2.00			3598.00	
Packer	5.00			3603.00	29.00 Bottom Of Top Packer
Packer	5.00			3608.00	
Change Over Sub	0.75			3608.75	
Drill Pipe	30.21			3638.96	
Change Over Sub	0.75			3639.71	
Perforations	15.00			3654.71	
Recorder	1.00	4143	Inside	3655.71	
Recorder	1.00	8400	Outside	3656.71	
Bullnose	3.00			3659.71	51.71 Bottom Packers & Anchor

Total Tool Length: 80.71



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.HOLL COMPANY LLC

HETZKE #1-6

94351 East Central Suite 100
WICHITA KANSAS 67206

6-20S-15W BARTON

Job Ticket: 15927

DST#: 3

ATTN: Ryan Greenbaum

Test Start: 2010.06.16 @ 10:13:00

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psia

Salinity: 7300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Drilling Mud	1.683
30.00	Muddy Water 15% Mud 85% Water	0.421
0.00	Chlorides 18000	0.000

Total Length: 150.00 ft

Total Volume: 2.104 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

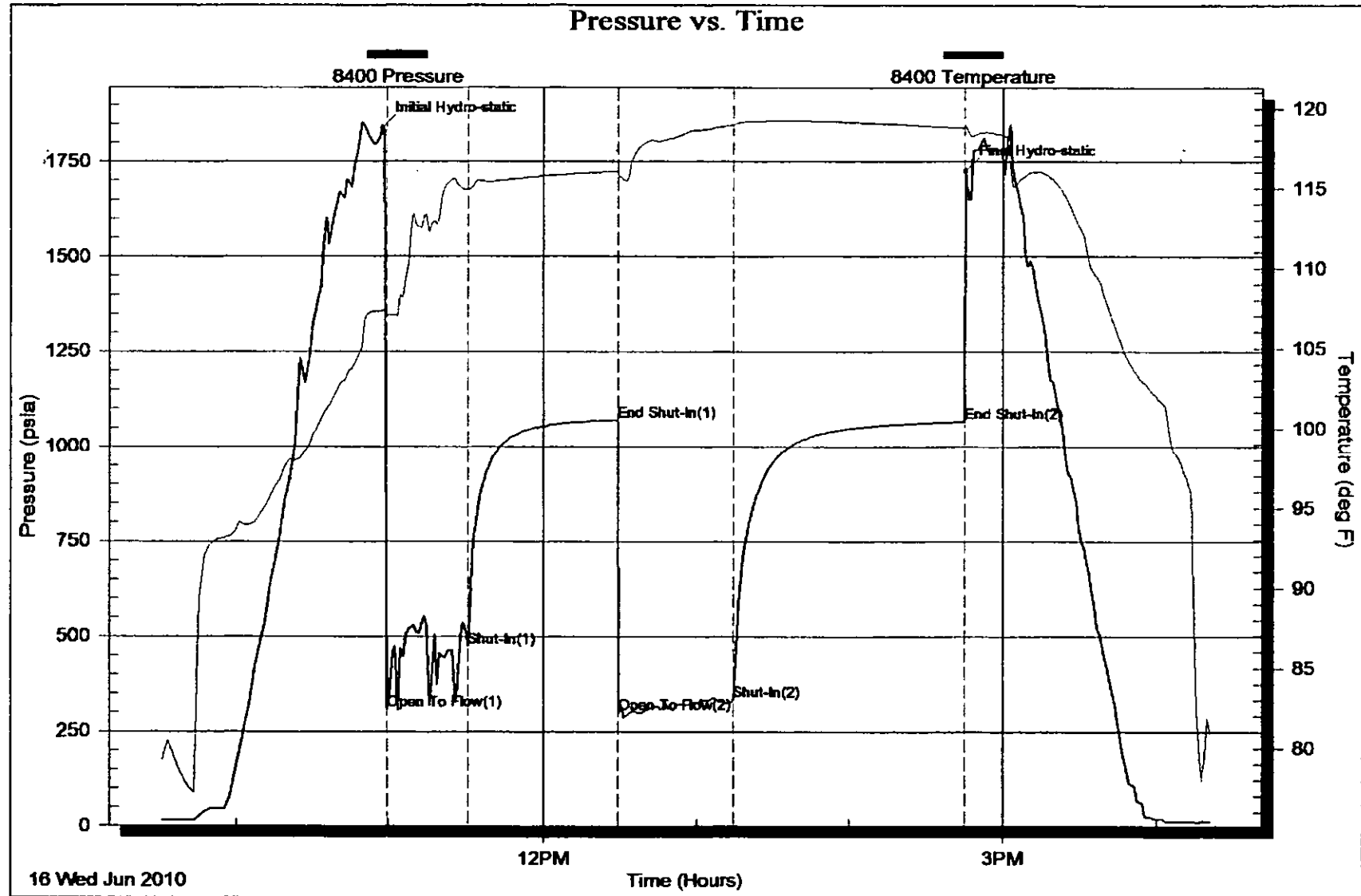
Recovery Comments:

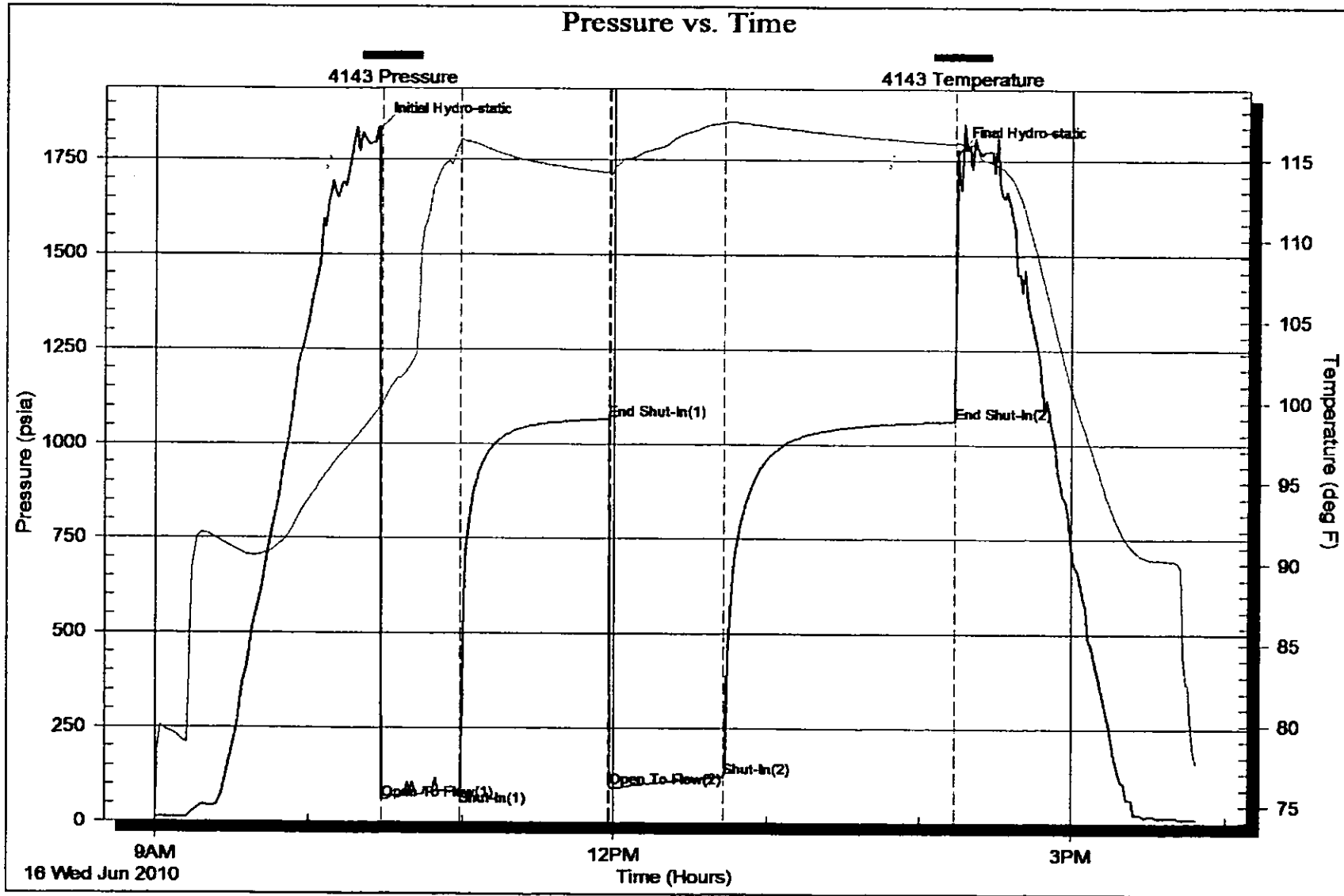
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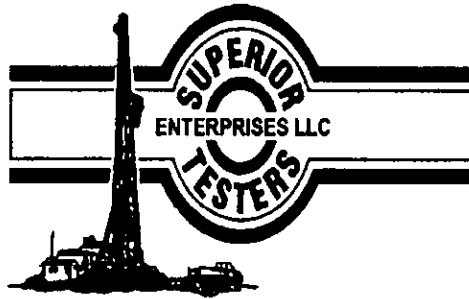
Outside F.G.HOLL COMPANY LLC

6-20S-15W BARTON

DST Test Number: 3







DRILL STEM TEST REPORT

Prepared For: **F.G.HOLL COMPANY LLC**

94351 East Central Suite 100
WICHITA KANSAS 67206

ATTN: Ryan Greenbaum

6-20S-15W BARTON

HETZKE #1-6

Start Date: 2010.06.17 @ 02:06:00

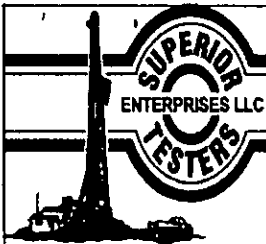
End Date: 2010.06.17 @ 00:00:00

Job Ticket #: 15928 DST #: 4

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

Printed: 2010.06.17 @ 08:35:59

F.G.HOLL COMPANY LLC HETZKE #1-6 6-20S-15W BARTON DST # 4 ARBUCKLE 2010.06.17



DRILL STEM TEST REPORT

F.G.HOLL COMPANY LLC

HETZKE #1-6

94351 East Central Suite 100
WICHITA KANSAS 67206

6-20S-15W BARTON

Job Ticket: 15928

DST#: 4

ATTN: Ryan Greenbaum

Test Start: 2010.06.17 @ 02:06:00

GENERAL INFORMATION:

Formation: ARBUCKLE

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DYLANE ELLIS

Unit No: 3345-GB-30

Interval: 3675.00 ft (KB) To 3690.00 ft (KB) (TVD)

Total Depth: 3690.00 ft (KB) (TVD)

Hole Diameter: 6.88 inches Hole Condition: Fair

Reference Elevations: 1987.00 ft (KB)

1979.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8400

Inside

Press@RunDepth: 1052.92 psia @ 3691.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.06.17

End Date:

2010.06.17

Last Calib.:

2010.06.17

Start Time: 02:06:00

End Time:

08:16:30

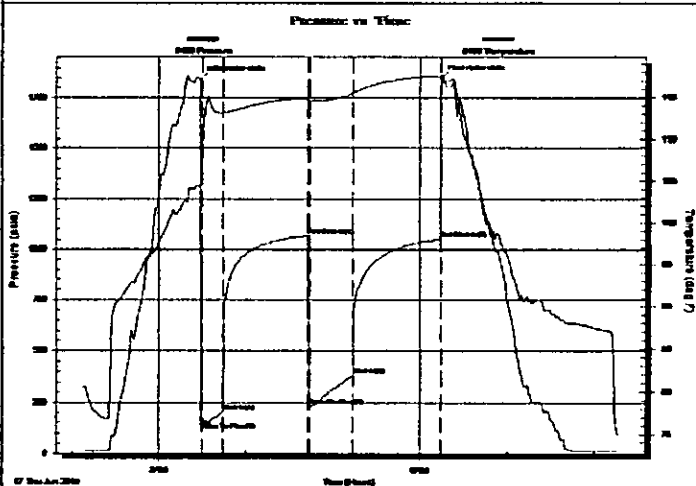
Time On Btrr:

2010.06.17 @ 03:28:30

Time Off Btrr:

2010.06.17 @ 06:14:30

TEST COMMENT: 1ST OPENING 15 MINUTES FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 4 MINUTES
1ST SHUTIN 60 MINUTES NO BLOW BACK
2ND OPENING 30 MINUTES FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 5 MINUTES
2ND SHUTIN 60 MINUTES NO BLOW BACK



PRESSURE SUMMARY

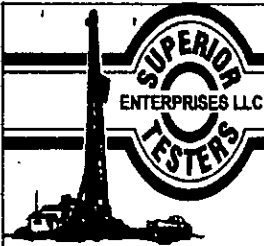
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1843.19	104.30	Initial Hydro-static
1	113.15	105.91	Open To Flow (1)
16	204.75	113.08	Shut-in(1)
75	1068.52	114.86	End Shut-in(1)
76	232.23	114.61	Open To Flow (2)
105	380.33	115.43	Shut-in(2)
166	1052.92	117.50	End Shut-in(2)
166	1847.30	117.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Gas in the pipe	1.68
150.00	Drilling mud	2.10
60.00	Very slightly oil and gas cut muddy water	0.84
0.00	1% gas 3% oil 5% 91% water	0.00
120.00	Very slightly gas and mud cut water	1.68
0.00	1% gas 1% Oil 2% mud 96% water	0.00

Gas Rates

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



DRILL STEM TEST REPORT

F.G.HOLL COMPANY LLC
 94351 East Central Suite 100
 WICHITA KANSAS 67206
 ATTN: Ryan Greenbaum

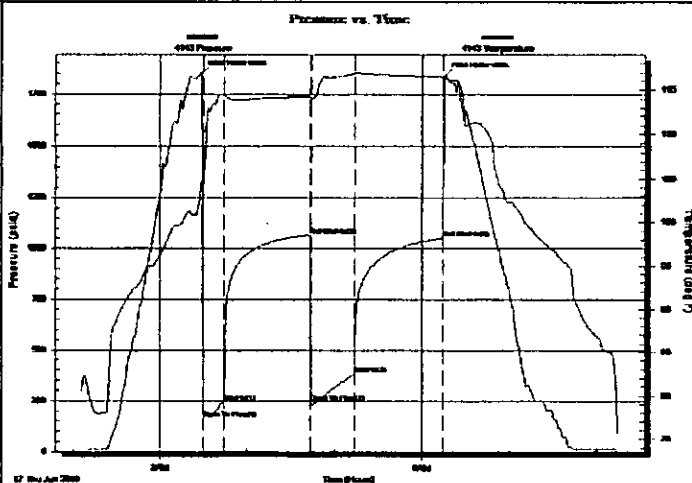
HETZKE #1-6
6-20S-15W BARTON
 Job Ticket: 15928 **DST#: 4**
 Test Start: 2010.06.17 @ 02:06:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3675.00 ft (KB) To 3690.00 ft (KB) (TVD)**
 Total Depth: **3690.00 ft (KB) (TVD)**
 Hole Diameter: **6.88 inches** Hole Condition: Fair
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **DYLANE ELLIS**
 Unit No: **3345-GB-30**
 Reference Elevations: **1987.00 ft (KB)**
1979.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 4143 Outside
 Press@RunDepth: **1050.80 psia @ 3692.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2010.06.17** End Date: **2010.06.17** Last Calib.: **2010.06.17**
 Start Time: **02:06:00** End Time: **08:14:16** Time On Btrr: **2010.06.17 @ 03:28:46**
 Time Off Btrr: **2010.06.17 @ 06:15:46**

TEST COMMENT: 1ST OPENING 15 MINUTES FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 4 MINUTES
 1ST SHUTIN 60 MINUTES NO BLOW BACK
 2ND OPENING 30 MINUTES FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 5 MINUTES
 2ND SHUTIN 60 MINUTES NO BLOW BACK



PRESSURE SUMMARY

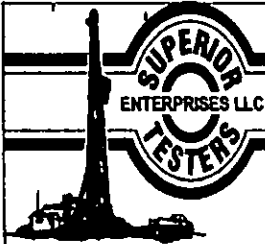
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1848.86	104.75	Initial Hydro-static
1	163.74	105.82	Open To Flow (1)
16	248.60	114.40	Shut-in(1)
75	1065.92	114.16	End Shut-in(1)
75	246.98	114.09	Open To Flow (2)
105	381.71	116.93	Shut-in(2)
166	1050.80	116.49	End Shut-in(2)
167	1838.07	116.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Gas in the piipe	1.68
150.00	Drilling mud	2.10
60.00	Very slightly oil and gas cut muddy water	0.84
0.00	1%gas 3% oil 5% 91% water	0.00
120.00	Very slightly gas and mud ncut water	1.68
0.00	1% gas 1% Oil 2% mud 96% water	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.HOLL COMPANY LLC

HETZKE #1-6

94351 East Central Suite 100
WICHITA KANSAS 67206

6-20S-15W BARTON

Job Ticket: 15928

DST#: 4

ATTN: Ryan Greenbaum

Test Start: 2010.06.17 @ 02:06:00

Tool Information

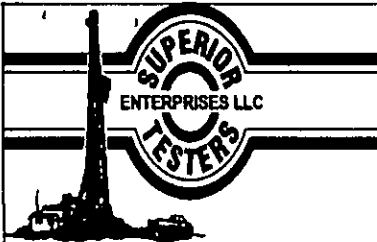
Drill Pipe:	Length: 3676.00 ft	Diameter: 3.80 inches	Volume: 51.56 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 51.56 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3675.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3647.00	
Shut-In Tool	5.00			3652.00	
Hydroic Tool	5.00			3657.00	
Jars	6.00			3663.00	
Safety Joint	2.00			3665.00	
Packer	5.00			3670.00	29.00 Bottom Of Top Packer
Packer	5.00			3675.00	
Perforations	15.00			3690.00	
Recorder	1.00	8400	Inside	3691.00	
Recorder	1.00	4143	Outside	3692.00	
Bullnose	3.00			3695.00	20.00 Bottom Packers & Anchor

Total Tool Length: 49.00



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.HOLL COMPANY LLC

HETZKE #1-6

94351 East Central Suite 100
WICHITA KANSAS 67206

6-20S-15W BARTON

Job Ticket: 15928

DST#: 4

ATTN: Ryan Greenbaum

Test Start: 2010.06.17 @ 02:06:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 9.20 in³
Resistivity: ohm.m
Salinity: 7300.00 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
120.00	Gas in the pipe	1.683
150.00	Drilling mud	2.104
60.00	Very slightly oil and gas cut muddy w ate	0.842
0.00	1%gas 3% oil 5% 91% water	0.000
120.00	Very slightly gas and mud ncut water	1.683
0.00	1% gas 1% Oil 2% mud 96% water	0.000
240.00	Very slightly oil,gas,and mud cut water	3.367
0.00	1% oil 1% mud 98% water	0.000
240.00	Water with a trace of oil 1% m99% W	3.367
0.00	Chlorides 36000 res .19@78 Degrees	0.000

Total Length: 930.00 ft Total Volume: 13.046 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

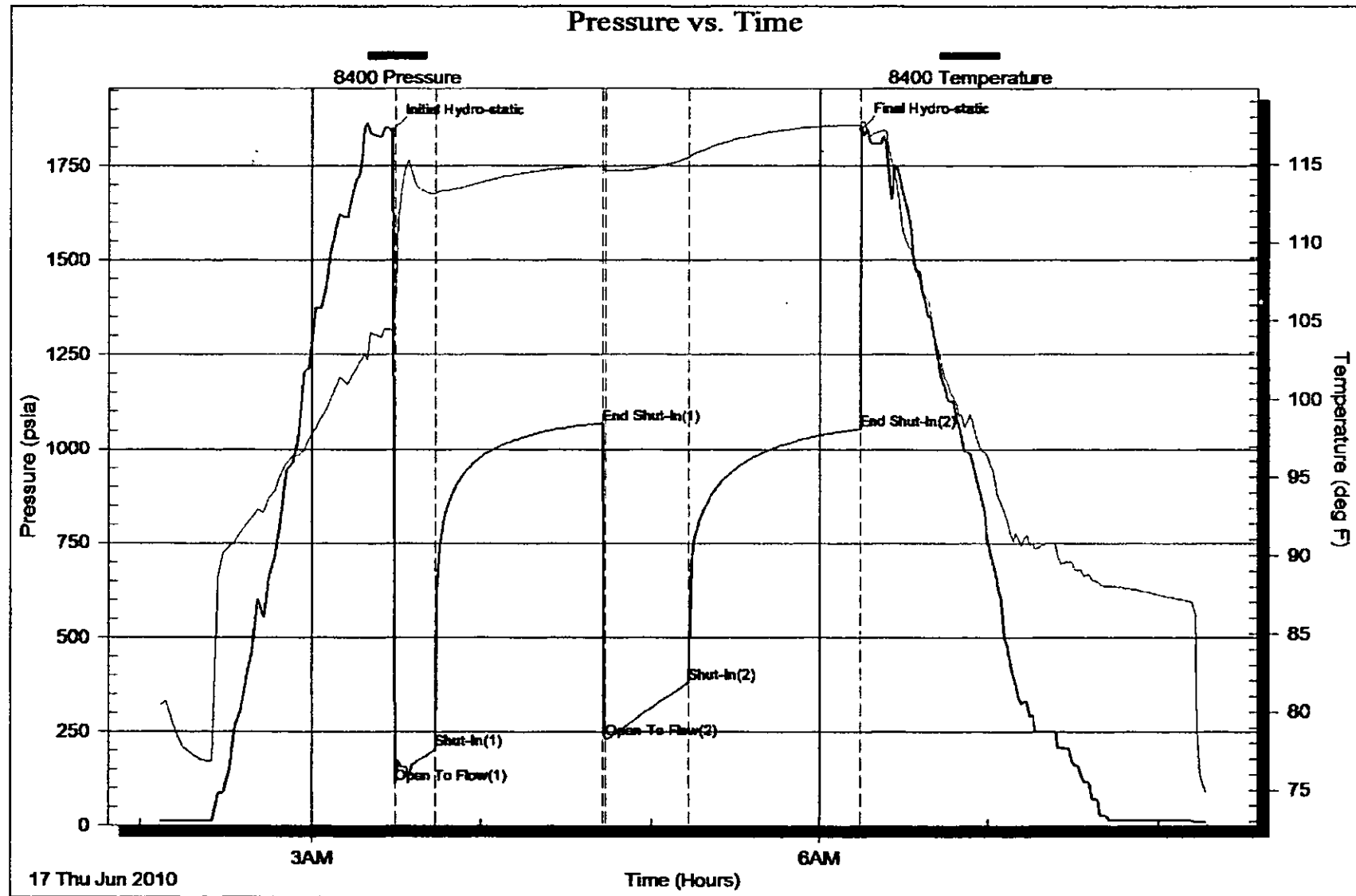
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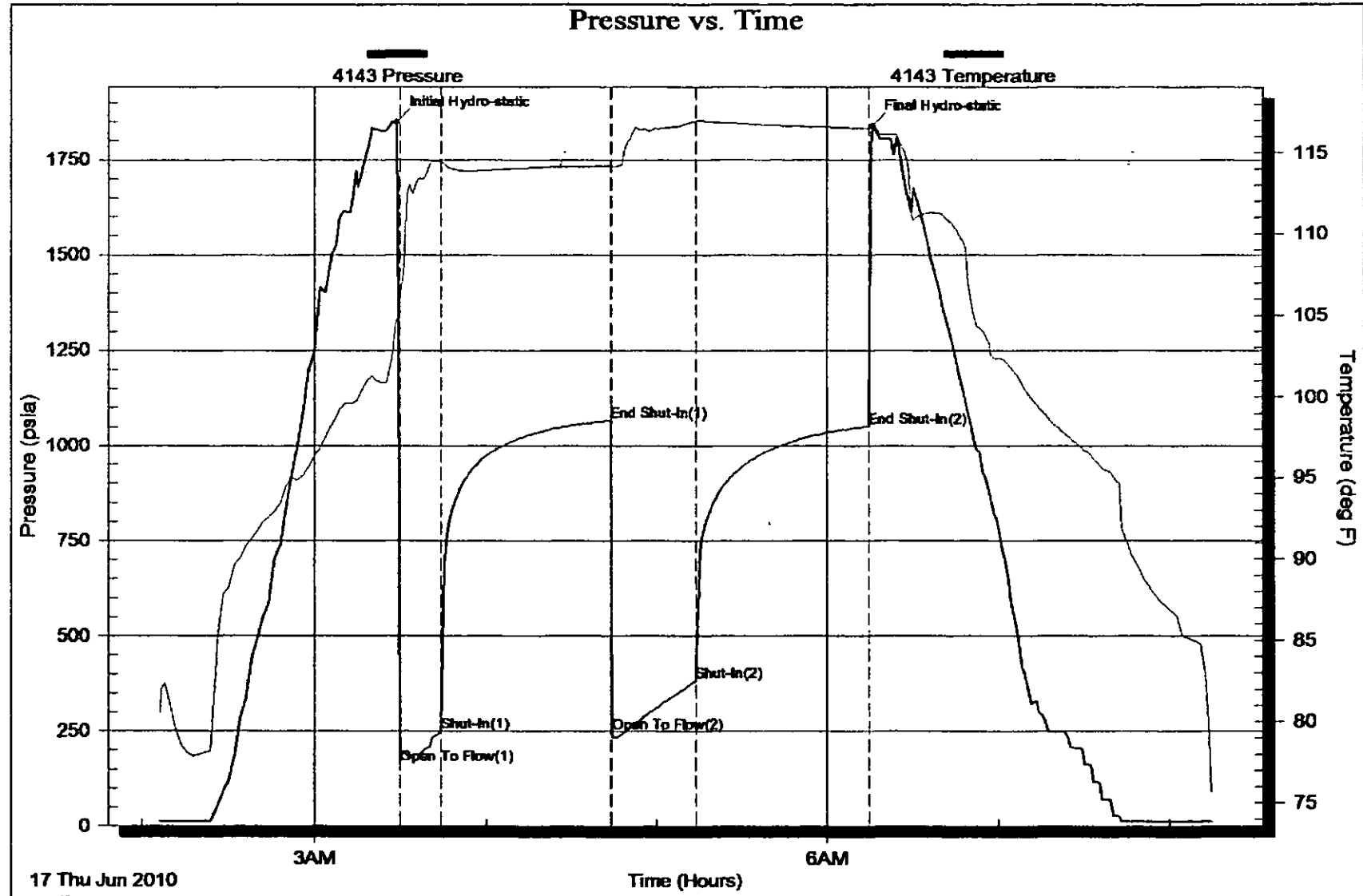
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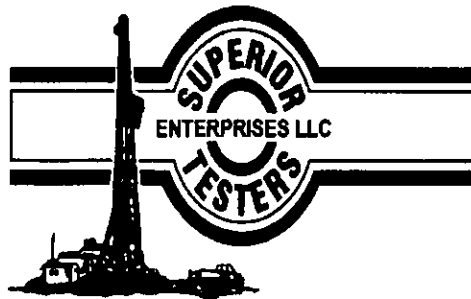
F.G.HOLL COMPANY LLC

6-20S-15W BARTON

DST Test Number: 4







DRILL STEM TEST REPORT

Prepared For: **F.G.HOLL COMPANY LLC**

94351 East Central Suite 100
WICHITA KANSAS 67206

ATTN: Ryan Greenbaum

6-20S-15W BARTON

HETZKE #1-6

Start Date: 2010.06.17 @ 03:09:00

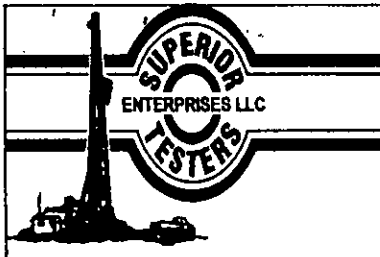
End Date: 2010.06.17 @ 00:00:00

Job Ticket #: 15929 DST #: 5

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

Printed: 2010.06.17 @ 22:24:17

F.G.HOLL COMPANY LLC HETZKE #1-6 6-20S-15W BARTON DST # 5 ARBUCKLE 2010.06.17



DRILL STEM TEST REPORT

F.G.HOLL COMPANY LLC
 94351 East Central Suite 100
 WICHITA KANSAS 67206
 ATTN: Ryan Greenbaum

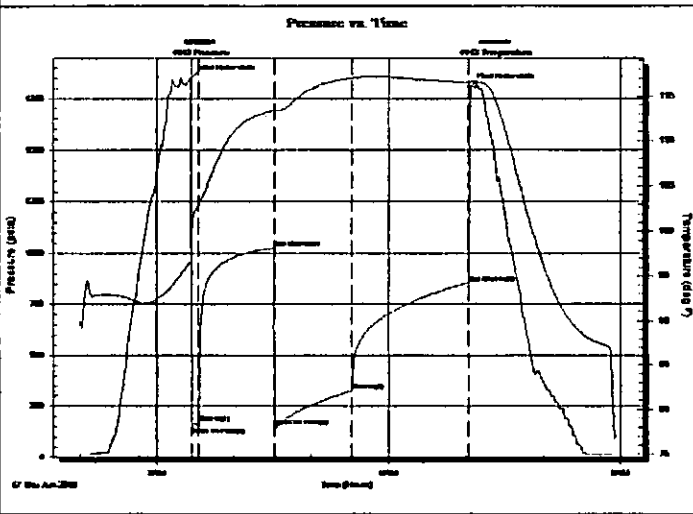
HETZKE #1-6
6-20S-15W BARTON
 Job Ticket: 15929 DST#: 5
 Test Start: 2010.06.17 @ 03:09:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3690.00 ft (KB) To 3705.00 ft (KB) (TVD)**
 Total Depth: **3705.00 ft (KB) (TVD)**
 Hole Diameter: **6.88 inches** Hole Condition: Fair
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **DYLAN ELLIS**
 Unit No: **3345-GB-30**
 Reference Elevations: **1987.00 ft (KB)**
1979.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 4143 Inside
 Press@RunDepth: **855.23 psia @ 3701.00 ft (KB)**
 Start Date: **2010.06.17** End Date: **2010.06.17**
 Start Time: **02:00:00** End Time: **08:56:16**
 Capacity: **5000.00 psia**
 Last Calib.: **2010.06.17**
 Time On Btm: **2010.06.17 @ 03:26:46**
 Time Off Btm: **2010.06.17 @ 07:03:46**

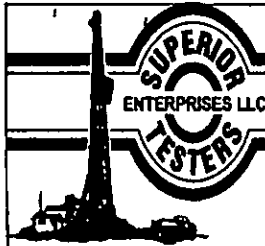
TEST COMMENT:
 1ST OPENING 5 MINUTES Strong blow built to the bottom of a 5 gallon bucket in 1 minute
 1ST SHUT-IN 60 MINUTES Good blow back built to 5 INCHES IN WATER
 2ND OPENING 60 MINUTES Strong blow built to the bottom of a 5 gallon bucket in 1 minute
 2ND SHUT-IN 90 MINUTES Good Blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1850.06	96.72	Initial Hydro-static
1	107.41	99.60	Open To Flow (1)
6	167.57	102.71	Shut-In(1)
65	1025.65	113.39	End Shut-In(1)
66	150.94	113.39	Open To Flow (2)
125	324.59	117.01	Shut-In(2)
216	855.23	116.51	End Shut-In(2)
217	1806.07	116.59	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
40.00	Oil and gas cut watery mud	0.56
0.00	16% Gas 22% Oil 40% Mud 22% Water	0.00
120.00	Oil and gas cut watery mud	1.68
0.00	11% Gas 14% Oil 50% Mud 25% Water	0.00
120.00	Slightly oil and gas cut mud	1.68
0.00	4% Gas 3% Oil 3% Mud 90% Water	0.00

Gas Rates			
	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	5.00	7.93
Last Gas Rate	0.25	2.80	4.44
Max. Gas Rate	0.25	5.00	7.93



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.HOLL COMPANY LLC

HETZKE #1-6

94351 East Central Suite 100
WICHITA KANSAS 67206

6-20S-15W BARTON

Job Ticket: 15929

DST#: 5

ATTN: Ryan Greenbaum

Test Start: 2010.06.17 @ 03:09:00

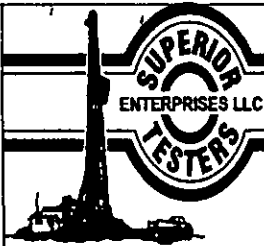
Tool Information

Drill Pipe:	Length: 3680.00 ft	Diameter: 3.80 inches	Volume: 51.62 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: 52000.00 lb
			<u>Total Volume: 51.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3690.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	31.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3675.00	
Shut-In Tool	5.00			3680.00	
Hydroic Tool	5.00			3685.00	
Packer	0.00			3685.00	16.00 Bottom Of Top Packer
Packer	5.00			3690.00	
Perforations	10.00			3700.00	
Recorder	1.00	4143	Inside	3701.00	
Recorder	1.00	8400	Outside	3702.00	
Bullnose	3.00			3705.00	15.00 Bottom Packers & Anchor
Total Tool Length:	31.00				



DRILL 'STEM TEST REPORT

FLUID SUMMARY

F.G.HOLL COMPANY LLC

HETZKE #1-6

94351 East Central Suite 100
WICHITA KANSAS 67206

6-20S-15W BARTON

Job Ticket: 15929

DST#: 5

ATTN: Ryan Greenbaum

Test Start: 2010.06.17 @ 03:09:00

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: 8.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 7900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Oil and gas cut watery mud	0.561
0.00	16% Gas 22% Oil 40% Mud 22% Water	0.000
120.00	Oil and gas cut watery mud	1.683
0.00	11% Gas 14% Oil 50% Mud 25% Water	0.000
120.00	Slightly oil and gas cut mud	1.683
0.00	4% Gas 3% Oil 3% Mud 90% Water	0.000
180.00	slightly oil and gas cut water	2.525
0.00	6% Gas 3% Oil 1% Mud 90% Water	0.000
180.00	salt water 100% water	2.525
	Chlorides 31000resis. .2 @ 78 Degrees	

Total Length: 640.00 ft Total Volume: 8.977 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gas sample was taken



DRILL STEM TEST REPORT

GAS RATES

F.G.HOLL COMPANY LLC
94351 East Central Suite 100
WICHITA KANSAS 67206
ATTN: Ryan Greenbaum

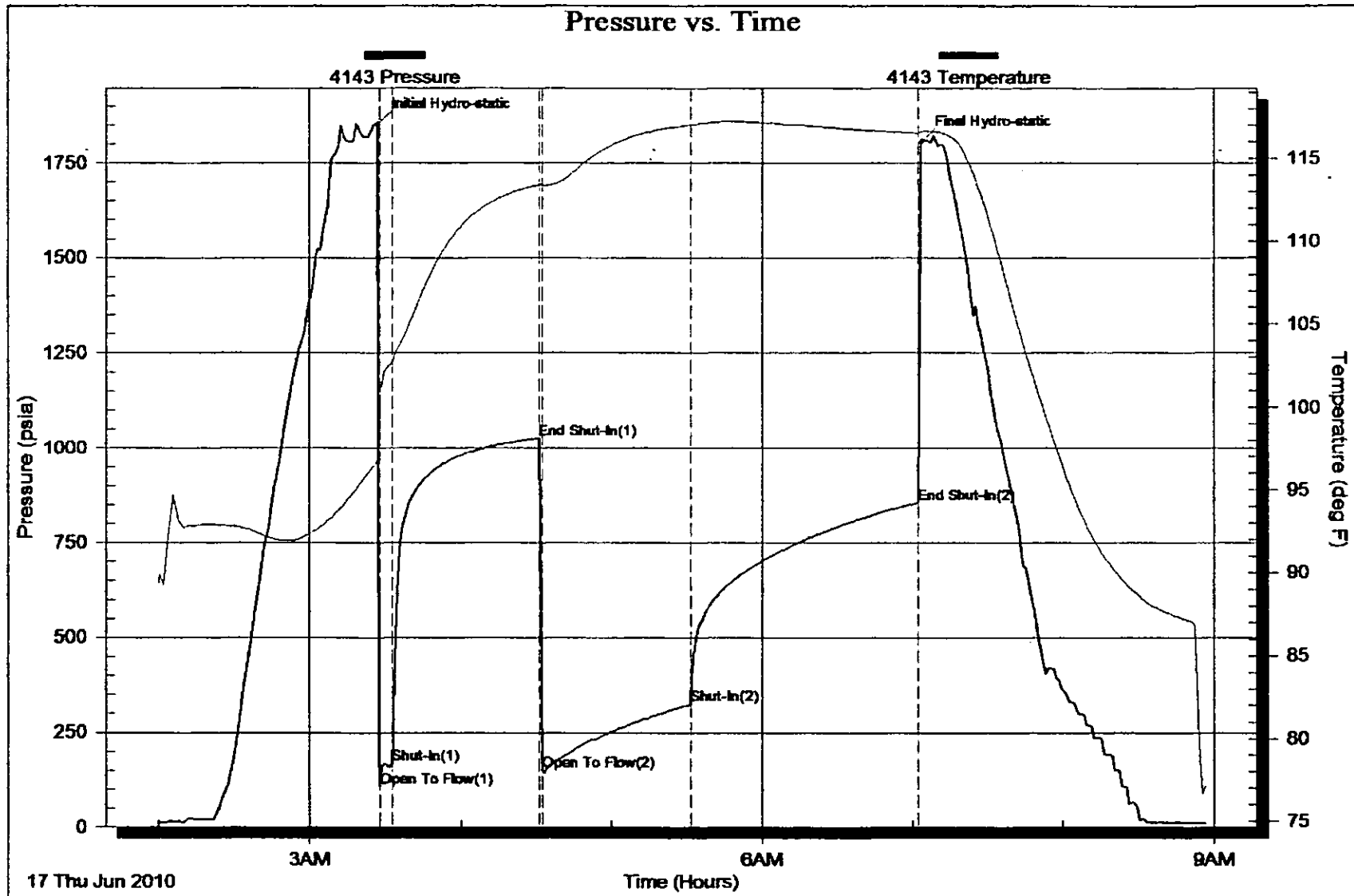
HETZKE #1-6
6-20S-15W BARTON
Job Ticket: 15929 DST#: 5
Test Start: 2010.06.17 @ 03:09:00

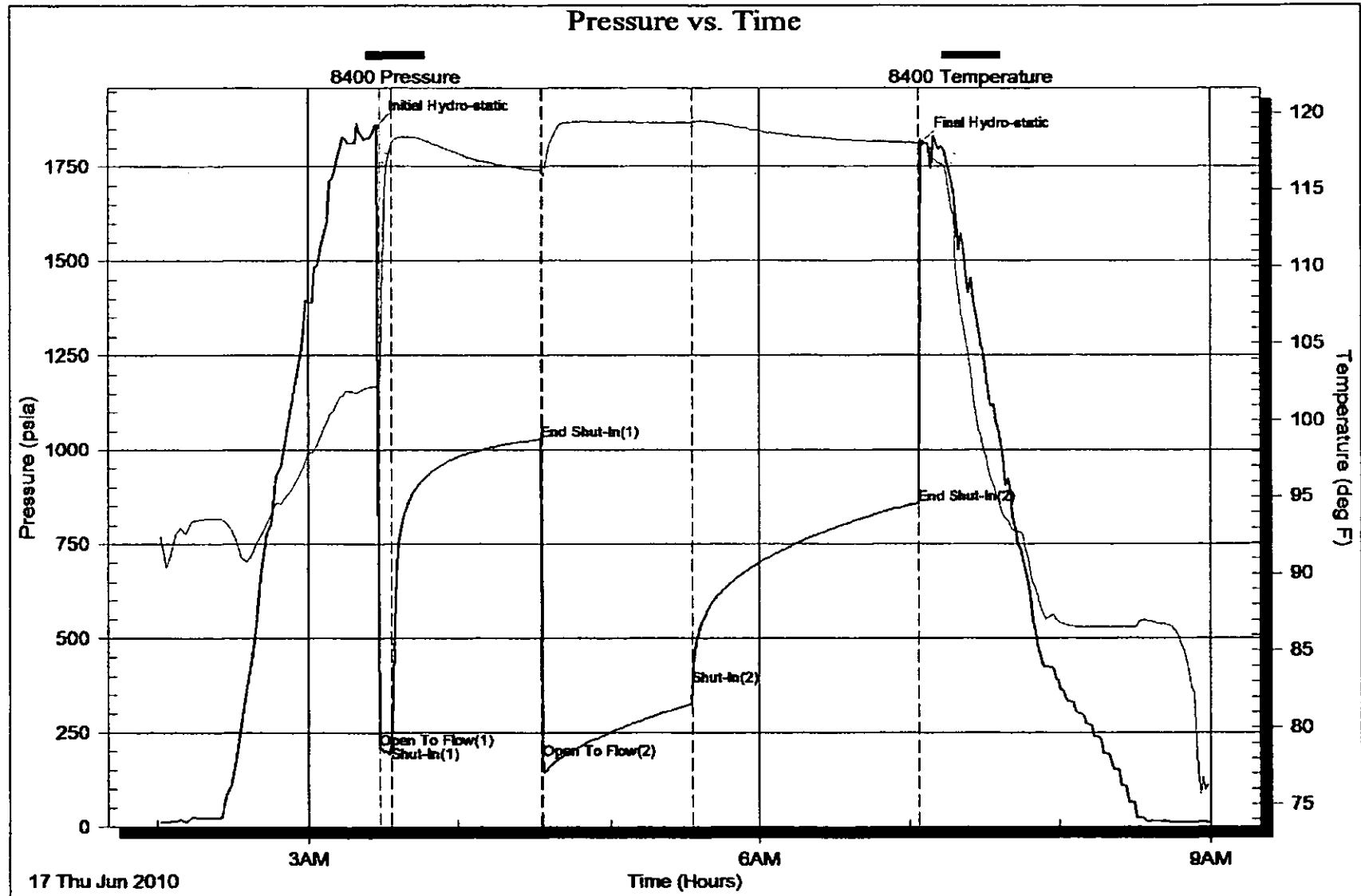
Gas Rates Information

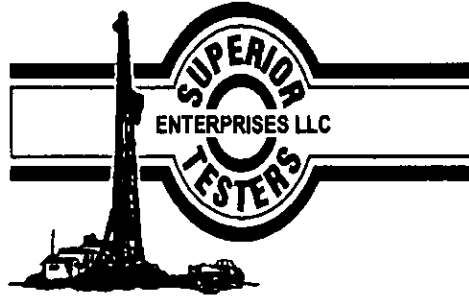
Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
2	35	0.25	5.00	7.93
2	45	0.25	4.00	6.35
2	55	0.25	3.75	5.95
2	60	0.25	2.80	4.44







DRILL STEM TEST REPORT

Prepared For: **F.G.HOLL COMPANY LLC**

94351 East Central Suite 100
WICHITA KANSAS 67206

ATTN: Ryan Greenbaum

6-20S-15W BARTON

HETZKE #1-6

Start Date: 2010.06.18 @ 05:00:00

End Date: 2010.06.18 @ 00:00:00

Job Ticket #: 15930 DST #: 6

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

Printed: 2010.06.18 @ 12:00:14

F.G.HOLL COMPANY LLC HETZKE #1-6 6-20S-15W BARTON DST # 6 ARBUCKLE 2010.06.18



DRILL STEM TEST REPORT

F.G.HOLL COMPANY LLC
 94351 East Central Suite 100
 WICHITA KANSAS 67206
 ATTN: Ryan Greenbaum

HETZKE #1-6
6-20S-15W BARTON
 Job Ticket: 15930 **DST#: 6**
 Test Start: 2010.06.18 @ 05:00:00

GENERAL INFORMATION:

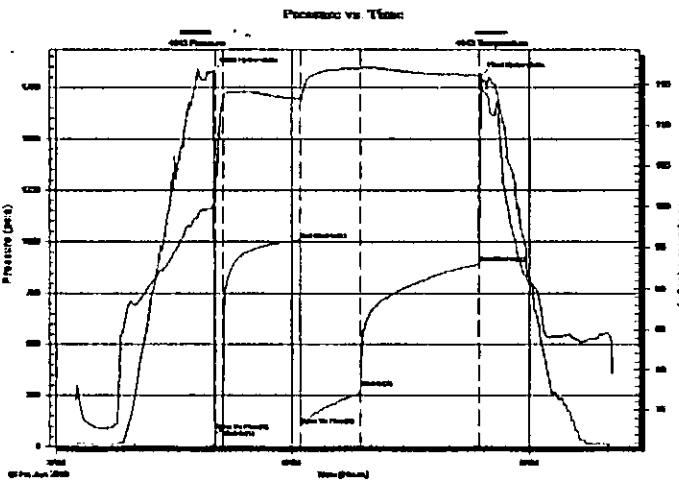
Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3705.00 ft (KB) To 3715.00 ft (KB) (TVD)**
 Total Depth: **3715.00 ft (KB) (TVD)**
 Hole Diameter: **6.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: **DYLAN ELLIS**
 Unit No: **3345-GB-30**
 Reference Elevations: **1987.00 ft (KB)**
1979.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 4143

Inside

Press@RunDepth: **891.67 psia @ 3711.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2010.06.18** End Date: **2010.06.18** Last Calib.: **2010.06.18**
 Start Time: **03:15:00** End Time: **10:03:15** Time On Btm: **2010.06.18 @ 05:00:16**
 Time Off Btm: **2010.06.18 @ 08:23:46**

TEST COMMENT: 1ST OPEN 5 MINUTES VERY STRONG BLOW/BOTTOM OF BUCKET OF BUCKET IN 30 SECONDS
 1ST SHUTIN 60 MINUTES WEAK BUT STEADY BLOW/
 2ND OPEN 60 MINUTES FAIR BLOW AND STAYED STEADY
 2ND SHUTIN 90 MINUTES BLOW BACK BUT DIED OUT



PRESSURE SUMMARY

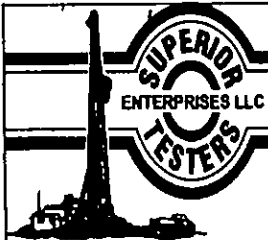
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1827.92	100.07	Initial Hydro-static
2	75.82	103.15	Open To Flow (1)
7	86.80	113.03	Shut-in(1)
66	1005.94	113.32	End Shut-in(1)
67	106.57	112.89	Open To Flow (2)
112	288.23	117.03	Shut-in(2)
202	891.67	116.15	End Shut-in(2)
204	1806.78	115.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Oil cut mud 2%G 5%O 83%W	0.28
120.00	Oil and Gas cut muddy water	1.68
0.00	2% Gas 5% Oil 48% Mud 45% Water	0.00
120.00	Very slightly oil cut muddy water	1.68
0.00	1% Gas 1% Oil 15% Mud 82% Water	0.00
120.00	slightly muddy water	1.68

Gas Rates

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



DRILL STEM TEST REPORT

F.G.HOLL COMPANY LLC

HETZKE #1-6

94351 East Central Suite 100
WICHITA KANSAS 67206

6-20S-15W BARTON

Job Ticket: 15930

DST#: 6

ATTN: Ryan Greenbaum

Test Start: 2010.06.18 @ 05:00:00

GENERAL INFORMATION:

Formation: ARBUCKLE

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DYLAN ELLIS

Unit No: 3345-GB-30

Interval: 3705.00 ft (KB) To 3715.00 ft (KB) (TVD)

Reference Elevations: 1987.00 ft (KB)

Total Depth: 3715.00 ft (KB) (TVD)

1979.00 ft (CF)

Hole Diameter: 6.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8400

Outside

Press@RunDepth: 895.69 psia @ 3712.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.06.18 End Date: 2010.06.18

Last Calib.: 2010.06.18

Start Time: 03:15:00 End Time: 10:06:00

Time On Btm: 2010.06.18 @ 05:02:00

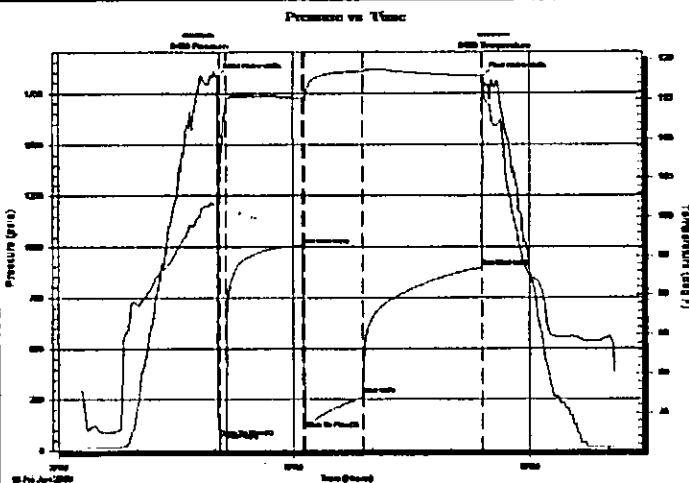
Time Off Btm: 2010.06.18 @ 08:25:00

TEST COMMENT: 1ST OPEN 5 MINUTES VERY STRONG BLOW/BOTTOM OF BUCKET OF BUCKET IN 30 SECONDS

1ST SHUTIN 60 MINUTES WEAK BUT STEADY BLOW/

2ND OPEN 60 MINUTES FAIR BLOW AND STAYED STEADY

2ND SHUTIN 90 MINUTES BLOW BACK BUT DIED OUT



PRESSURE SUMMARY

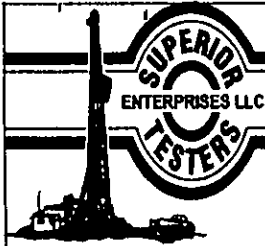
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1832.36	101.61	Initial Hydro-static
2	69.45	106.08	Open To Flow (1)
7	89.92	114.13	Shut-In(1)
66	1009.38	115.10	End Shut-In(1)
67	106.47	114.38	Open To Flow (2)
111	274.30	118.55	Shut-In(2)
202	895.69	117.90	End Shut-In(2)
203	1829.43	117.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Oil cut mud 2%G 5%O 83%W	0.28
120.00	Oil and Gas cut muddy water	1.68
0.00	2% Gas 5% Oil 48% Mud 45% Water	0.00
120.00	Very slightly oil cut muddy water	1.68
0.00	1% Gas 1% Oil 15% Mud 82% Water	0.00
120.00	slightly muddy water	1.68

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mc/D)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.HOLL COMPANY LLC

HETZKE #1-6

94351 East Central Suite 100
WICHITA KANSAS 67206

6-20S-15W BARTON

Job Ticket: 15930

DST#: 6

ATTN: Ryan Greenbaum

Test Start: 2010.06.18 @ 05:00:00

Tool Information

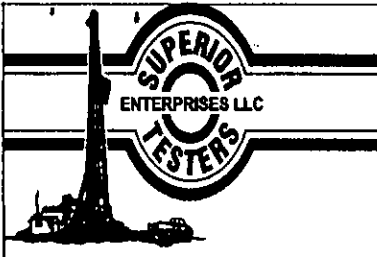
Drill Pipe:	Length: 3709.00 ft	Diameter: 3.80 inches	Volume: 52.03 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 52.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3705.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	28.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3690.00	
Shut-In Tool	5.00			3695.00	
Hydroic Tool	5.00			3700.00	
Packer	5.00			3705.00	16.00 Bottom Of Top Packer
Perforations	5.00			3710.00	
Recorder	1.00	4143	Inside	3711.00	
Recorder	1.00	8400	Outside	3712.00	
Bullnose	5.00			3717.00	12.00 Anchor Tool

Total Tool Length: 28.00



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.HOLL COMPANY LLC
 94351 East Central Suite 100
 WICHITA KANSAS 67206
 ATTN: Ryan Greenbaum

HETZKE #1-6
 6-20S-15W BARTON
 Job Ticket: 15930 DST#: 6
 Test Start: 2010.06.18 @ 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: bbl		
Water Loss: 8.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 7900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Oil cut mud 2%G 5%O 83%W	0.281
120.00	Oil and Gas cut muddy w ater	1.683
0.00	2% Gas 5% Oil 48% Mud 45% Water	0.000
120.00	Very slightly oil cut muddy w ater	1.683
0.00	1%Gas 1%Oil 15% Mud 82%Water	0.000
120.00	slightly muddy w ater	1.683
0.00	Trace of oil 4% Mud 96%Water	0.000
120.00	100% Water Chlorides 30000	1.683
0.00	Resistivity .195 @ 80 Degrees	0.000

Total Length: 500.00 ft Total Volume: 7.013 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

