

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED
SEP 14 2010

9/10/12

Form ACO-1
June 2009
Form Must Be Typed
All Blanks must be Signed
All Blanks must be Filled
KCC WICHITA
ORIGINAL

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., Rig #8
Wellsite Geologist: Ryan Greenbaum
Purchaser: NCRA

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

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
07/29/2010 08/07/2010 09/02/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 165-21,895-00-00
Spot Description: 60' S. & 105' E. OF
N2_NE_SE Sec. 36 Twp. 19 S. R. 16 East West
2,250 Feet from North / South Line of Section
555 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rush
Lease Name: WERHAHN TRUST Well #: 1-36
Field Name: Ryan East
Producing Formation: Arbuckle
Elevation: Ground: 1973 Kelly Bushing: 1981
Total Depth: 3950 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 993 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: 29,000 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.
Franklin R. Greenbaum
Signature: _____
Title: Exploration Manager Date: 09/10/2010

KCC Office Use ONLY
 Letter of Confidentiality Received
Date: 9/10/10 - 9/10/12
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: MS Date: 9/15/10

Operator Name: F.G. Holl Company, L.L.C. Lease Name: WERHAHN TRUST Well #: 1-36
 Sec. 36 Twp. 19 S. R. 16 East West County: Rush

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

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See attachment

List All E. Logs Run:
 CDL/CNL/ML
 CPI/Sector Bond/Frac finder
 BHCS/DIL

CASING RECORD <input checked="" 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"	23#	997	A-Con	300sx	2% gel, 3%cc
					Common	175sx	
Production	7-7/8"	5-1/2"	14#	3949	AA-2&60/40Poz	140&50sx	2% gel, 3%cc

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	3679' - 3681', 3683' - 3686', 3688' - 3690' Arbuckle	Spotted 500 gal 10% acetic acid	
		200 gal 15% dsfe acid	
		250 gal 15% fe acid	
		1000 gal 15% dsfe acid	
4 SPF	3690' 3694' Arbuckle	400 gal 15% dsfe acid	

TUBING RECORD:	Size: <u>2-7/8"</u>	Set At: <u>3683'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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) _____			
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 (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3679' - 3694' OA Arbuckle</u>
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FLESKE/HETZKE #1-1
PAWNEE COUNTY, KANSAS

Formation	Sample	Datum	E-Log	Datum
Anhydrite				
Herrington			1930	+66
Winfield			1987	+9
Towanda			2048	-52
Fort Riley			2087	-91
B/Florence			2191	-195
Wrefold			2237	-241
Council Grove			2257	-261
Crouse			2298	-302
Cottonwood			2380	-384
Neva			2431	-435
Red Eagle			2493	-497
Wabaunsee			2664	-668
Root Shale			2720	-724
Stotler			2779	-783
Willard Shale			2805	
Tarkio			2839	-843
Howard			2980	-984
Severy Shale			3067	-1071
Topeka			3078	-1082
Heebner			3311	-1315
Toronto			3328	-1332
Douglas Sh.			3340	-1344
Brown lime			3388	-1392
LKC			3398	-1402
BKC			3602	-1606
Arbuckle			3655	-1659
RTD			3950	-1954

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SEP 14 2010
KCC WICHITA



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 02223 A

36-195-16W

DATE _____ TICKET NO. _____

DATE OF JOB 7-30-10 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 Werhahn WELL NO. 1-36						
ADDRESS		COUNTY Rush STATE Kansas						
CITY STATE		SERVICE CREW C. Messick: M. Mattal: F. Masquez: D. Phyc						
AUTHORIZED BY		JOB TYPE: C.N.W. - Surface						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
19,866	1	19,831-19,862	1				7-30-10	AM 10:00
						ARRIVED AT JOB		AM 1:00
19,903-19,905	1	19,832-21,010	1			START OPERATION		AM 2:40
						FINISH OPERATION		AM 3:40
						RELEASED	7-30-10	AM 4:10
						MILES FROM STATION TO WELL		60

CONFIDENTIAL

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
CP101	A-Conv Blend Cement	sk	300		
CP100	Common Cement	sk	175		
CC102	Cell Plate	Lb	119		
CC109	Calcium Chloride	Lb	1,176		
CF105	Top Rubber Plug, 8 5/8"	ea	1		
CF1753	Centralizers, 8 5/8"	ea	3		
E100	Pickup Mileage	mi	60		
E101	Heavy Equipment Mileage	mi	180		
E113	Bulk Delivery	tm	1,341		
CE201	Cement Pump: 50 Feet To 1,000 Feet	Job	1		
CE240	Blending and Mixing Service	sk	475		
CE504	Plug Container	Job	1		
S003	Service Supervisor	Job	1		

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SUB TO

SEP 14 2010

CHEMICAL / ACID DATA:			

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

KCC WICHITA
TC

SERVICE REPRESENTATIVE: <i>C. Messick</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Steve Phyc</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	--

FIELD SERVICE ORDER NO.

SEP 10 2010

Customer G. Holl Company, LLC	Lease No. CONFIDENTIAL	Date 7-30-10
Lease Wernahn	Well # 1-36	
Field Order # 2223	Station Pratt, Kansas	County Rush
Type Job C.N.W. - Surface	Formation 8 5/8" 23Lb	Depth 993 Feet
		State Kansas
		Legal Description 36-195-16W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 8 5/8" 23Lb/ft	Tubing Size 6 3/4" 17.5Lb/ft	Shots/Ft	300 sacks	A-Con with	38 gal/stk	RATE	PRESS	ISIP
Depth 993 Feet	Depth	From	To	12.65	12.58 Gal/stk	2.17 CU.FT	5 Min.	25Lb/stk cell flake
Volume 635 Bbl	Volume	From	To	175 sacks	Common with	28 gal/stk	10 Min.	25Lb/stk cell flake
Max Press 400 PSI	Max Press	From	To	15.6L	5.52 Gal/stk	1.22 CU.FT	15 Min.	
Well Connection Plug Container	Annulus Vol. Packer	From	To			HHP Used		Annulus Pressure
Plug Depth 978 Feet	Packer Depth	From	To	Flush	62.6 Bbl	Fresh Water		Total Load

Customer Representative Steve Stephens	Station Manager David Scott	Treater Clarence R. Messick
---	--------------------------------	--------------------------------

Service Units	19,866	19,903	19,905	19,831	19,862	19,832	21,010
Driver Names	Messick	Mattal	Mashvez	Phye			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00					Trucks on location and hold safety meeting.
1:30					Dutrie Drilling start to run 23 Joints new 23Lb/ft 8 5/8" casing. Installed Pan Turbulizer on Collars # 1, 12, and # 21.
2:30					Casing in well. Circulate for 5 minutes.
2:40	300			5	Start Fresh Water Pre-Flush.
2:43	300		10	5	Start mixing 300 sacks A-Con cement.
	150		126	5	Start mixing 175 sacks common cement.
			164		Stop pumping. Shut in well. Release Top Rubber Plug. Open Well.
3:25	100			5	Start Fresh Water Displacement.
3:40			62.6		Plug down. Shut in well. Circulated 10 sacks cement to the pit. Wash up pump truck.
4:10					Job Complete. Thank You Clarence, Mike, Edmundo, RECEIVED

SEP 14 2010

KCC WICHITA

BASIC

energy services, L.P.

TREATMENT REPORT

Customer F. G. HOLL	Lease No.	Date 8-7-10
Lease WERRAHN	Well # 1-36	
Field Code 388	Station PRATT, KS	County RUSH
Type Job CNW-LOWSTRONG	Formation TD-3950	Legal Description 36-19-16

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2								
Depth 3949	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	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 3736	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative ROB	Station Manager SCOTTY	Treater CONROY
Service Units 19907 27463 19959-21010		
Driver Names KG CHRIS ERIC TERRY		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1330					ON LOCATION
					RUN 3949' 5 1/2" CSG.
					FROM SHOE LATCH BASKET 2' COLL.
					CENT-2-3-4-5-6-7-8-9
					BASKET - BOTTOM #10
1430					TAG BOTTOM - DROP BALL - CONC.
					ROTATE CASING
1630	750		12	6	12 bbl SUPERFLUSH
	250		5	6	5 bbl H₂O
	200		12	6	50 SK 60/40 SCAVENGER OMT.
	200		36	6	140 SK HAZ CEMENT
					WASH PUMP & LOWER RECEIVED
					DROP PLUG
					START DESP. SEP 14 2010
					LEFT CEMENT KCC WICHITA
	300		90	3	SLOW RATE
1710	150		96	3	PLUG DOWN - H₂O
					PLUG RAY HOLE - 30 SK 60/40
					PLUG MOUSE HOLE - 20 SK 60/40
1800					JOB COMPLETE Kevin

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383



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 02334 A~~

DATE _____ TICKET NO. 02386 A

DATE OF JOB <u>8-7-10</u> DISTRICT <u>PRATT, KS</u>	NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <u>F.G. HOLL</u>	LEASE <u>WERHANN</u> WELL NO. <u>1-36</u>								
ADDRESS _____	COUNTY <u>RUSH</u> STATE <u>KS</u>								
CITY _____ STATE _____	SERVICE CREW <u>KC, CHRIS, ERIC, TERRY</u>								
AUTHORIZED BY _____	JOB TYPE: <u>ONW-LOWSTRENG</u>								
CONFIDENTIAL									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>19907</u>							<u>8-7</u>		<u>1000</u>
						ARRIVED AT JOB		AM	<u>1330</u>
<u>27463</u>	<u>1</u>					START OPERATION		AM	<u>1630</u>
<u>19959</u>	<u>1</u>					FINISH OPERATION		AM	<u>1730</u>
<u>21010</u>						RELEASED		AM	<u>1800</u>
						MILES FROM STATION TO WELL			<u>60</u>

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

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	1/2" CEMENT	SK.	140		
CP103	60/40 POZ	SK.	100		
CC102	CELLULASE	lb.	35		
CC105	DEFOMER	lb.	33		
CC111	SALT	lb.	629		
CC115	CLAS BLOK	lb.	132		
CC129	FLA-322	lb.	132		
CC201	GELSONITE	lb.	1900		
CF607	5/8" LATCH DOWN PUC	EACH	1		
CF1251	5/8" API FLOAT SHOE	EACH	1		
CF1651	5/8" TURBO WELER	EACH	8		
CF1901	5/8" BASKET	EACH	1		
CF2002	ROTATING SCRATCHER	EACH	42		
CC154	SUPERFLUSH	gal.	500		

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SUB TOTAL

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE K. GORNEY THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Mud-Co / Service Mud Inc.

Operator **FG Holl** County **Rush** State **Kansas** Pump **6** X **14** X **60** SPM Casing Program **8 5/8" @ 993'**
 Well **Werhahn #1-36** Location _____ GPM **7.75** BPM _____ " @ _____ ft.
 Contractor **Duke Drilling Co #8** Sec **36 TWP 19S RNG 16W** D.P. **4.5** in. **191** FT/MIN R.A. _____ " @ _____ ft.
 Stockpoint **Hays, Kansas** Date **7/29/2010** Engineer **Jason Whiting** Collar **6.25** in. **450** ft. **348** FT/MIN R.A. Total Depth **3950'** ft.

DATE	DEPTH	WEIGHT	VISCOSITY			GELS	pH	FILTRATION/FILTRATION ANALYSES					SAND	RETORT			L.C.M.	Pump	CUMULATIVE	REMARKS AND TREATMENT	
			Sec API	PV	Yp			10 sec / 10 min	Strip Meter	ml API	Cake 32nds	Pres. #BBL		Cl ppm	Ca ppm	%					Solids %
7/27	0																			RETORT	
7/30	890	10.8	44	6	8	8/23	7.0	N/C				4,700	Hvy		17.5		82.5			Drig	
7/31	1190	8.9	28				7.0	N/C				3,500	Hvy		4.2		95.8			Drig	
8/1	2298	8.9	37	7	13	11/27	8.0	8.8	1			28m	2,260		2.6		97.4			Drig Displaced w/ Starch 1785'	
8/2	3242	9.0	51	10	14	10/33	11.0	9.6	1			5,100	20		4.7		95.3			Drig Displaced w/ chemical @ 2600'	
8/3	3570	9.4	55	14	14	12/47	10.5	9.6	1			5,200	20		7.5		92.5			Drig	
8/4	3665	9.3	44	11	12	12/43	9.5	10.8	1			5,500	40		6.8		93.2			CFS DST #1 @ 3630'	
8/5	3680	9.5	56	14	20	13/43	10.0	10.4	1			5,300	20		8.2		91.8			TIH w/ bit DST #2 @ 3665'	
8/6	3701	9.4	48	11	19	8/14	10.0	10.0	1			5,500	20		7.5		92.5	Tr		*OH w/ DST #5 DST #3 @ 3680'	
8/7	3950																			Final: LTD - 3952'. 5 DST's. Logs Ok.	
																					Run Casing.
																					Reserve pit: chloride content: 29,000
																					Reserve pit: fluid volume: 1000

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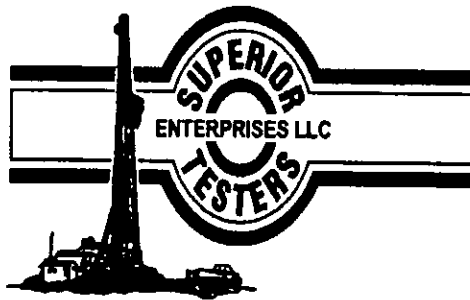
MUD-CO / SERVICE MUD INC.
 100 S. Main Suite #310
 Wichita, Ks. 67202
 316/264-2814 Fax: 316/264-5024

DRILLING MUD RECAP

Materials	Sacks	Amount
C/S HULLS	18	
CAUSTIC SODA	10	
DESCO	2	
DRILL PAK	3	
LIME	1	
PREMIUM GEL	322	
SALT CLAY	40	
SAPP	1	
SODA ASH	23	
STARCH	65	

Materials	Sacks	Amount
SUPER LIG	11	

Total Mud Cost	
Trucking Cost	
Trucking Surcharge	
Taxes	
TOTAL COST	



DRILL STEM TEST REPORT

Prepared For: **F.G Holl Company LLC**

9431 East Suite 100
Wichita Kansas 67206+2563

ATTN: Ryan Greenbaum

36/19S/16W Rush

Werhahn Trust #1-36

Start Date: 2010.08.03 @ 05:54:00

End Date: 2010.08.03 @ 13:42:15

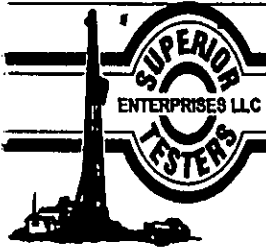
Job Ticket #: 16374 DST #: 1

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

Printed: 2010.08.09 @ 10:00:41

F.G Holl Company LLC Werhahn Trust #1-36 36/19S/16W Rush DST # 1 Arpuckie 2010.08.03



DRILL STEM TEST REPORT

F.G Hoff Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

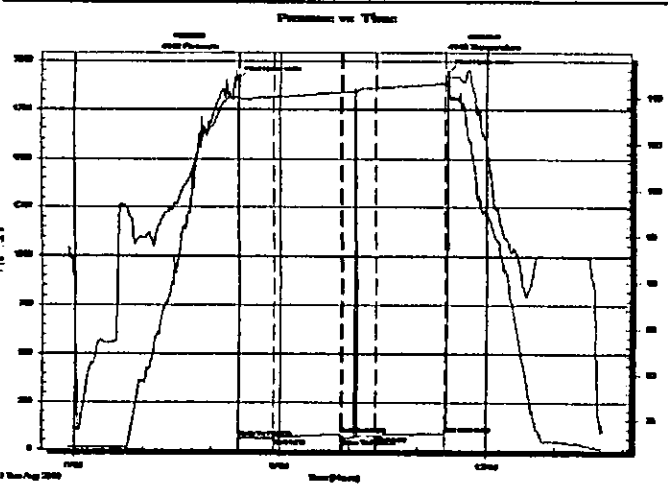
Werhahn Trust #1-36
36/19S/16W Rush
 Job Ticket: 16374 **DST#: 1**
 Test Start: 2010.08.03 @ 05:54:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 08:23:46
 Time Test Ended: 13:42:15
 Interval: **3580.00 ft (KB) To 3630.00 ft (KB) (TVD)**
 Total Depth: **3630.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Dylan E Ellis**
 Unit No: **3345-GB-30**
 Reference Elevations: **1981.00 ft (KB)**
 1973.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 4143 Inside
 Press@RunDepth: **75.51 psia @ 3626.02 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2010.08.03** End Date: **2010.08.03** Last Calif.: **2010.08.04**
 Start Time: **05:54:01** End Time: **13:42:16** Time On Btrr
 Time Off Btrr: 2010.08.03 @ 08:22:46

TEST COMMENT: 1-ST Opening 30 Minutes Steady but fair blow ,blow built to 3 inches into a bucket of w ater
 1ST Shut-in 60 Minutes No blow back
 2ND Opening 30 Minutes No blow flushed tool really good surge and blow died out
 2ND Shut-in 60 Minutes No blow back



PRESSURE SUMMARY

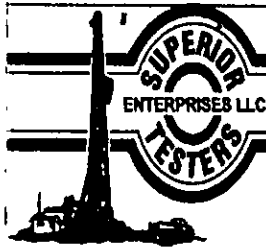
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1901.11	110.03	Final Hydro-static
1	60.06	109.92	Open To Flow (1)
31	62.44	110.06	Shut-in(1)
90	82.30	110.55	End Shut-in(1)
92	61.43	110.56	Open To Flow (2)
121	75.51	111.06	Shut-in(2)
182	86.65	111.56	End Shut-in(2)
184	1939.88	112.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drilling Mud 100%	0.42

Gas Rates

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



DRILL STEM TEST REPORT

F.G Holl Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

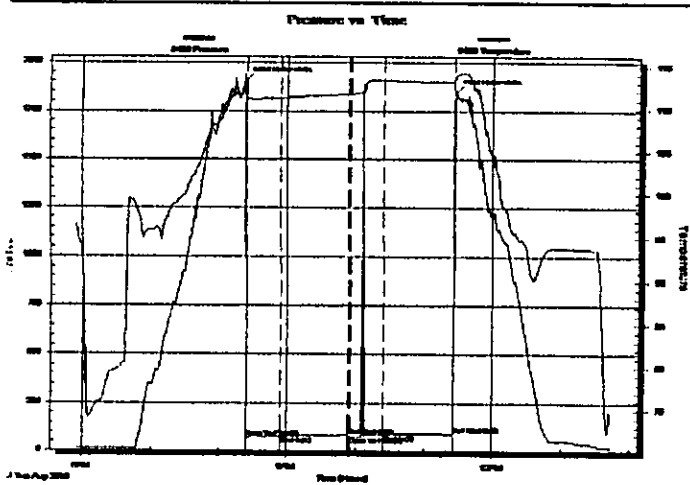
Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16374 DST#: 1
 Test Start: 2010.08.03 @ 05:54:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Time Tool Opened: 08:23:46
 Tester: **Dylan E Ellis**
 Time Test Ended: 13:42:15
 Unit No: **3345-GB-30**
 Interval: **3580.00 ft (KB) To 3630.00 ft (KB) (TVD)**
 Reference Elevations: **1981.00 ft (KB)**
3630.00 ft (KB) (TVD)
1973.00 ft (CF)
 Total Depth: **3630.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **8.00 ft**

Serial #: **8400** Below
 Press@RunDepth: **89.04 psia @ 3627.02 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2010.08.03** End Date: **2010.08.03** Last Calib.: **2010.08.04**
 Start Time: **05:55:00** End Time: **13:44:30** Time On Btrr: **2010.08.03 @ 08:23:30**
 Time Off Btrr: **2010.08.03 @ 11:27:30**

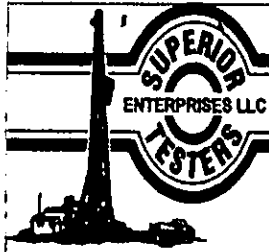
TEST COMMENT: 1-ST Opening 30 Minutes Steady but fair blow, blow built to 3 inches into a bucket of water
 1ST Shut-in 60 Minutes No blow back
 2ND Opening 30 Minutes No blow flushed tool really good surge and blow died out
 2ND Shut-in 60 Minutes No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1904.63	111.69	Initial Hydro-static
1	71.35	111.06	Open To Flow (1)
31	75.11	111.28	Shut-in(1)
91	83.06	111.76	End Shut-in(1)
92	73.49	111.76	Open To Flow (2)
121	86.40	113.36	Shut-in(2)
183	89.04	113.19	End Shut-in(2)
184	1844.87	113.91	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	Drilling Mud 100%	0.42

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G Holl Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

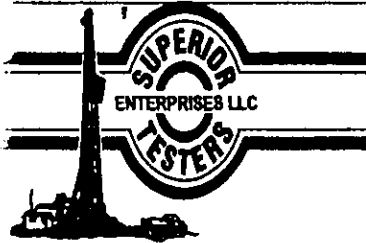
Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16374 DST#: 1
 Test Start: 2010.08.03 @ 05:54:00

Tool Information

Drill Pipe:	Length: 3559.00 ft	Diameter: 3.80 inches	Volume: 49.92 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: 45000.00 lb
			Total Volume: 49.92 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3580.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.02 ft			
Tool Length:	79.02 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			3552.00	
Shut-In Tool	5.00			3557.00	
Hydroic Tool	5.00			3562.00	
Jars	6.00			3568.00	
Safety Joint	2.00			3570.00	
Packer	5.00			3575.00	29.00 Bottom Of Top Packer
Packer	5.00			3580.00	
Perforations	5.00			3585.00	
Change Over Sub	0.75			3585.75	
Drill Pipe	31.52			3617.27	
Change Over Sub	0.75			3618.02	
Perforations	7.00			3625.02	
Recorder	1.00	4143	Inside	3626.02	
Recorder	1.00	8400	Below	3627.02	
Bullnose	3.00			3630.02	50.02 Bottom Packers & Anchor
Total Tool Length:	79.02				



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G Holl Company LLC

Werhahn Trust #1-36

9431 East Suite 100
Wichita Kansas 67206+2563

36/19S/16W Rush

Job Ticket: 16374

DST#: 1

ATTN: Ryan Greenbaum

Test Start: 2010.08.03 @ 05:54:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 9.57 in³
Resistivity: ohm.m
Salinity: 5200.00 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
30.00	Drilling Mud 100%	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

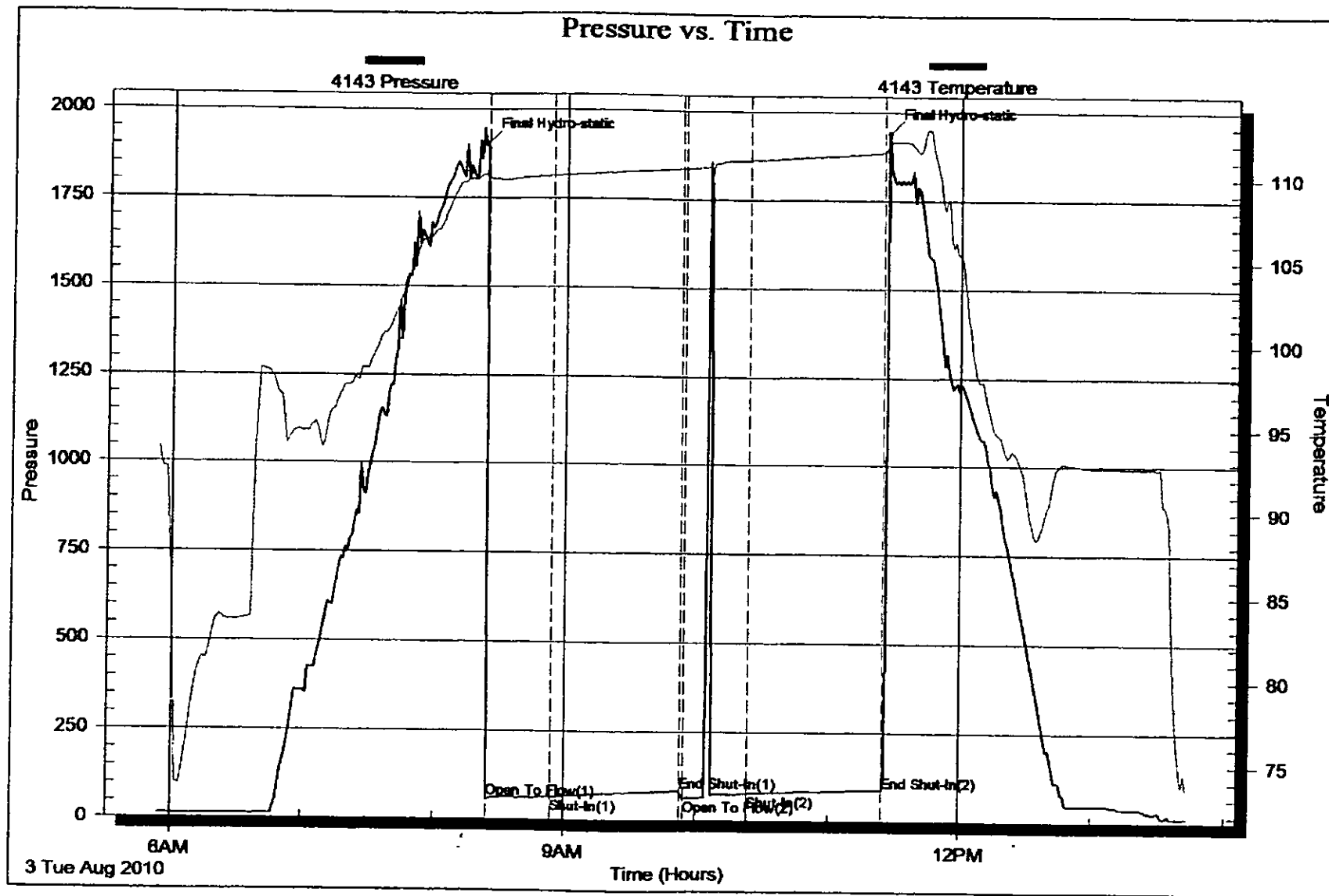
Num Gas Bombs: 0

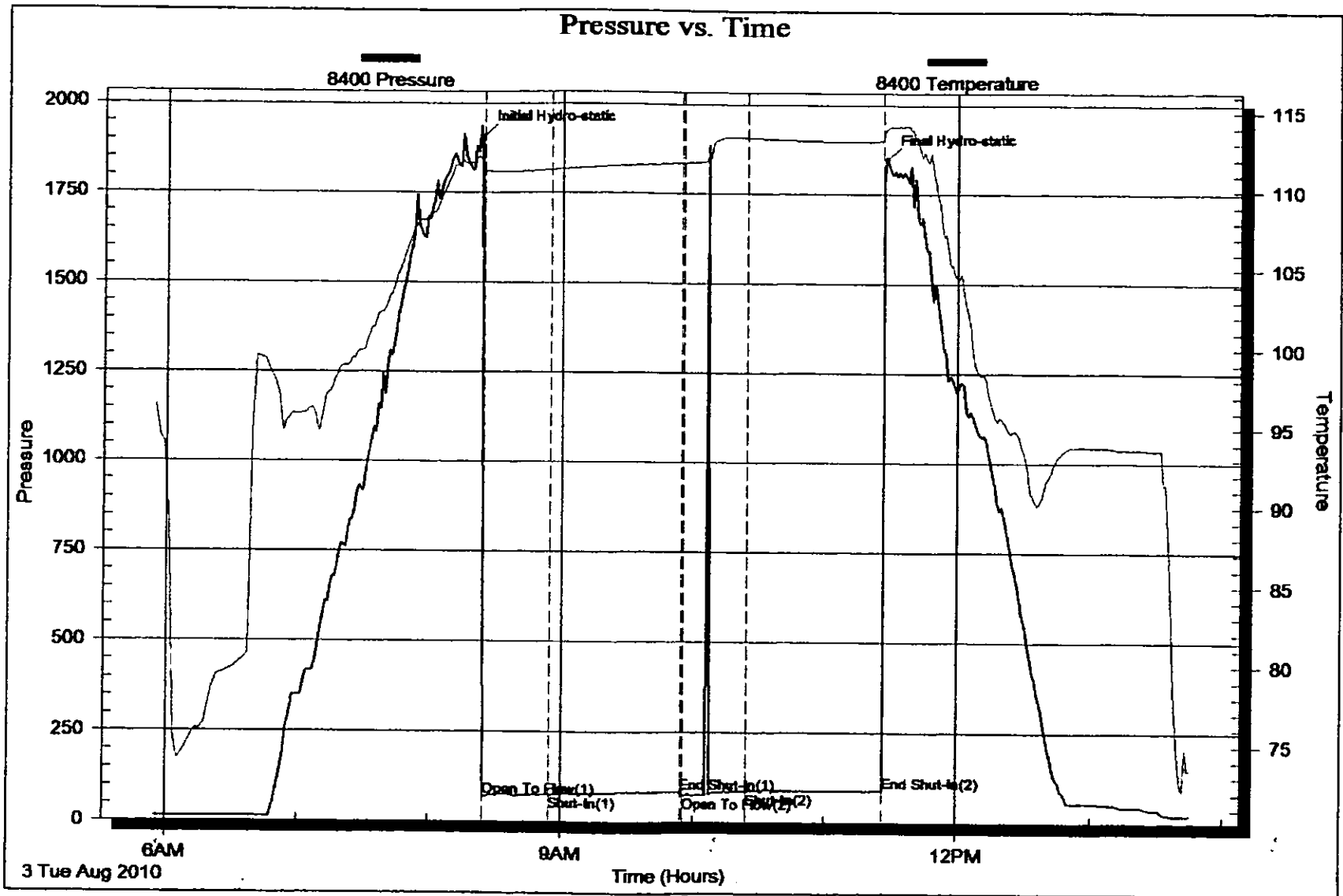
Serial #:

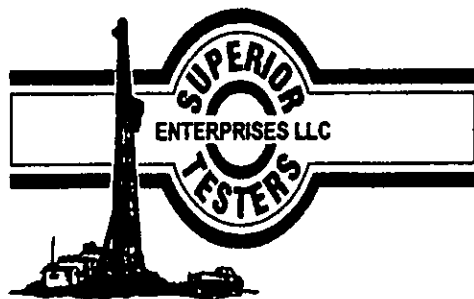
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **F.G Holl Company LLC**

9431 East Suite 100
Wichita Kansas 67206+2563

ATTN: Ryan Greenbaum

36/19S/16W Rush

Werhahn Trust #1-36

Start Date: 2010.10.04 @ 10:57:00

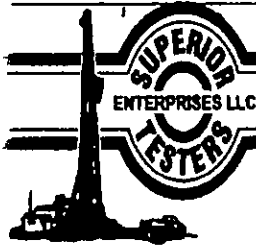
End Date: 2010.10.04 @ 17:55:00

Job Ticket #: 16375 DST #: 2

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

Printed: 2010.08.09 @ 10:03:42

F.G Holl Company LLC Werhahn Trust #1-36 36/19S/16W Rush DST # 2 Arbuckle 2010.10.04



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G Holl Company LLC

Werhahn Trust #1-36

9431 East Suite 100
Wichita Kansas 67206+2563

36/19S/16W Rush

Job Ticket: 16375

DST#: 2

ATTN: Ryan Greenbaum

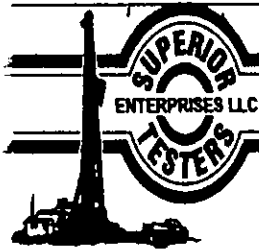
Test Start: 2010.10.04 @ 10:57:00

Tool Information

Drill Pipe:	Length: 3622.00 ft	Diameter: 3.80 inches	Volume: 50.81 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: 50.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3644.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3621.00	
Shut-In Tool	5.00			3626.00	
Hydroic Tool	5.00			3631.00	
Jars	6.00			3637.00	
Safety Joint	2.00			3639.00	
Packer	5.00			3644.00	24.00 Bottom Of Top Packer
Perforations	16.00			3660.00	
Recorder	1.00	4143	Inside	3661.00	
Recorder	1.00	8400	Outside	3662.00	
Buffnose	3.00			3665.00	21.00 Anchor Tool
Total Tool Length:	45.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G Hall Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16375 DST#: 2
 Test Start: 2010.10.04 @ 10:57:00

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: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Drilling mud 100% Drilling mud	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gas sample was taken on the Second opening.



DRILL STEM TEST REPORT

GAS RATES

F.G Hall Company LLC
9431 East Suite 100
Wichita Kansas 67206+2563
ATTN: Ryan Greenbaum

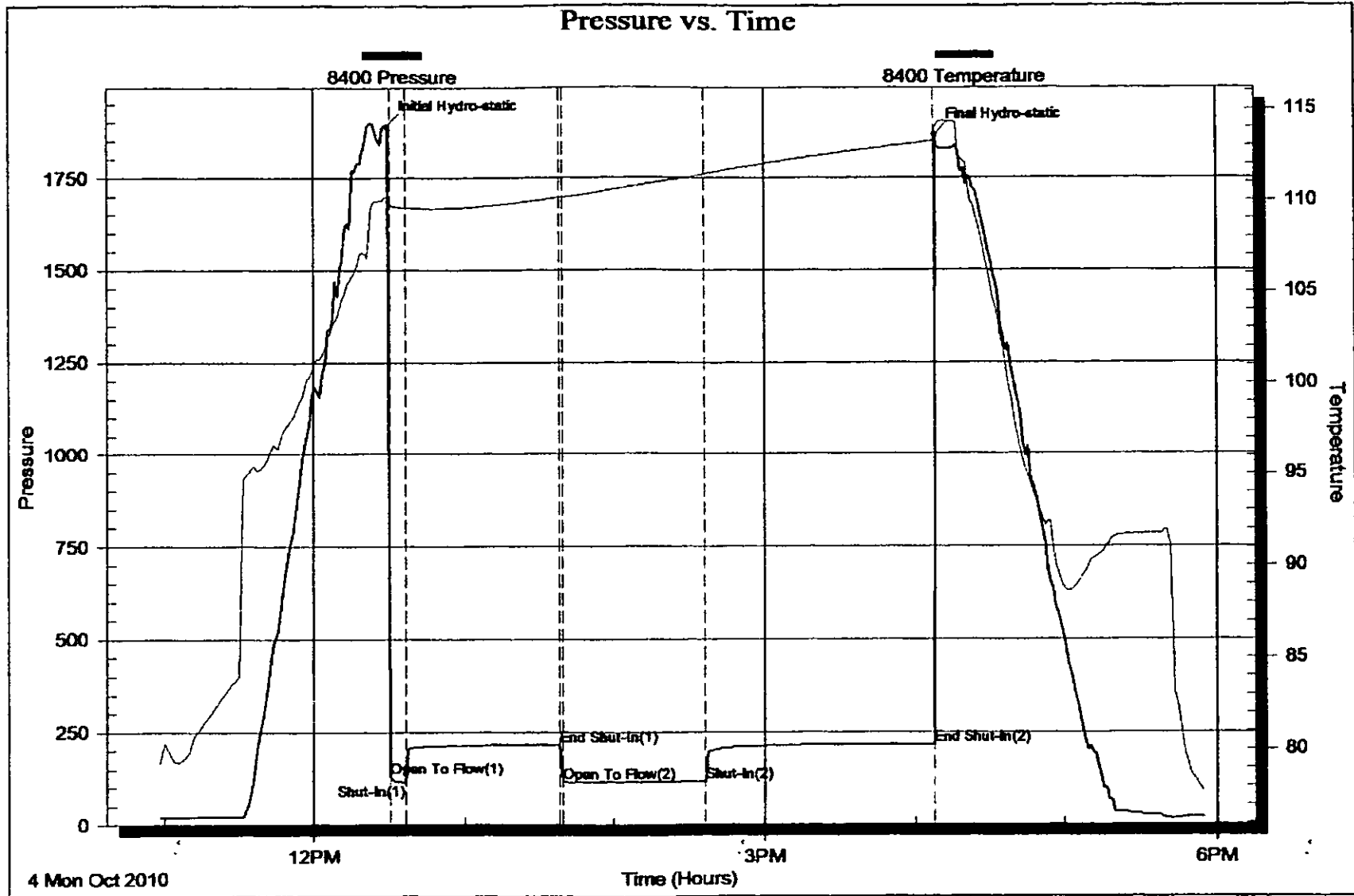
Werhahn Trust #1-36
36/19S/16W Rush
Job Ticket: 16375 DST#: 2
Test Start: 2010.10.04 @ 10:57:00

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	5	1.00	10.00	287.49
2	5	1.00	10.00	287.49
2	10	1.00	13.00	373.74
2	15	1.00	13.00	373.74
2	25	1.00	12.20	350.74
2	35	1.00	12.20	350.74
2	45	1.00	12.20	350.74





DRILL STEM TEST REPORT

Prepared For: **F.G Holl Company LLC**

9431 East Suite 100
Wichita Kansas 67206+2563

ATTN: Ryan Greenbaum

36/19S/16W Rush

Werhahn Trust #1-36

Start Date: 2010.08.05 @ 02:08:00

End Date: 2010.08.05 @ 08:42:30

Job Ticket #: 16101 DST #: 3

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

Printed: 2010.08.09 @ 10:07:19

F.G Holl Company LLC
Werhahn Trust #1-36
36/19S/16W Rush
DST # 3
Arbuckle
2010.08.05



DRILL STEM TEST REPORT

F.G Hoff Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

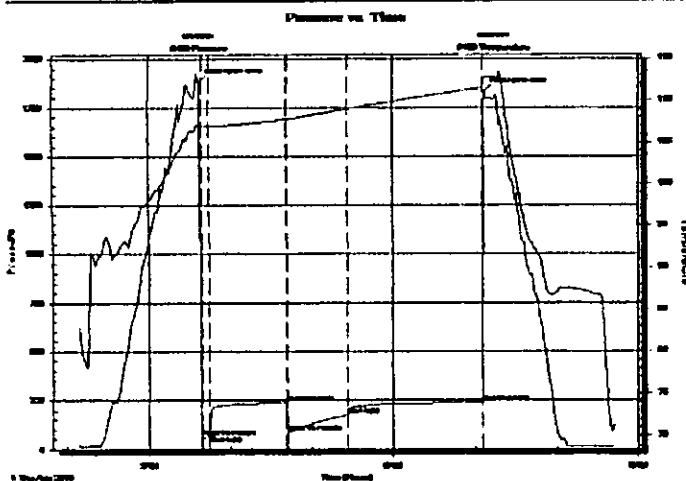
Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16101 DST#: 3
 Test Start: 2010.08.05 @ 02:08:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:39:00
 Time Test Ended: 08:42:30
 Interval: **3666.00 ft (KB) To 3680.00 ft (KB) (TVD)**
 Total Depth: **3680.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dylan E Ellis
 Unit No: 3345-GB-30
 Reference Elevations: 1981.00 ft (KB)
 1973.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: **8400** Outside
 Press@RunDepth: 174.81 psia @ 3677.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.08.05 End Date: 2010.08.05 Last Calib.: 2010.08.05
 Start Time: 02:09:00 End Time: 08:42:30 Time On Btrr: 2010.08.05 @ 03:38:00
 Time Off Btrr: 2010.08.05 @ 07:07:00

TEST COMMENT: 1ST Opening 5 Minutes good steady blow/blew to bottom of the bucket of water in 4 minutes
 1ST Shut-In 60 Minutes no blow back
 2ND Opening 45 Minutes good steady blow/blew to bottom of bucket of water in 11 minutes
 2ND Shut-In 90 Minutes no blow back



PRESSURE SUMMARY

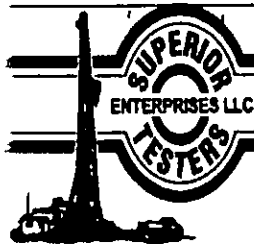
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1881.82	107.22	Initial Hydro-static
1	59.50	107.02	Open To Flow (1)
7	70.93	106.94	Shut-In(1)
64	237.50	107.79	End Shut-In(1)
65	86.27	107.73	Open To Flow (2)
109	174.81	108.97	Shut-In(2)
208	236.34	111.44	End Shut-In(2)
209	1829.26	112.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
320.00	Muddy salt water	4.49
0.00	Mud 10% Water 90%	0.00
10.00	Free Oil 100%	0.14
	600 foot of gas in the pipe	0.00
	Chlorides 32000	0.00
	Resistivity 0.47@78 degrees	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (McFD)



DRILL STEM TEST REPORT

F.G Hall Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

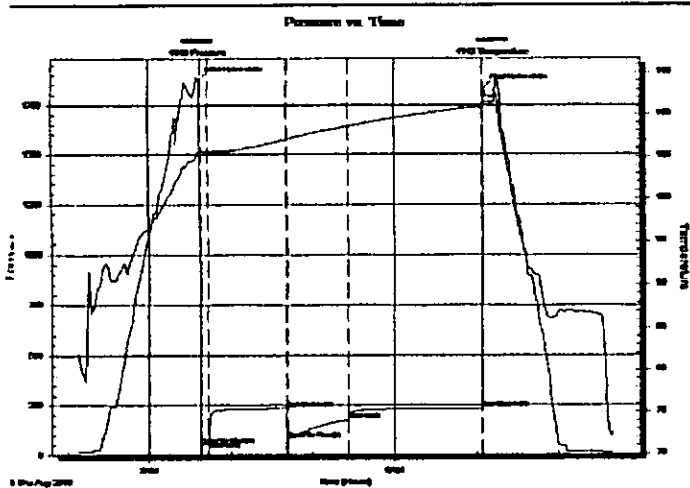
Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16101 DST#: 3
 Test Start: 2010.08.05 @ 02:08:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:39:00
 Time Test Ended: 08:42:30
 Interval: **3666.00 ft (KB) To 3680.00 ft (KB) (TVD)**
 Total Depth: **3680.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dylan E Ellis
 Unit No: 3345-GB-30
 Reference Elevations: 1981.00 ft (KB)
 1973.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: **4143** Inside
 Press@RunDepth: 234.01 psia @ 3676.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.08.05 End Date: 2010.08.05 Last Calib.: 2010.08.05
 Start Time: 02:08:01 End Time: 08:40:16 Time On Btrn: 2010.08.05 @ 03:37:16
 Time Off Btrn: 2010.08.05 @ 07:05:46

TEST COMMENT: 1ST Opening 5 Minutes good steady blow /blew to bottom of the bucket of water in 4 minutes
 1ST Shut-In 60 Minutes no blow back
 2ND Opening 45 Minutes good steady blow /blew to bottom of bucket of water in 11 minutes
 2ND Shut-In 90 Minutes no blow back



PRESSURE SUMMARY

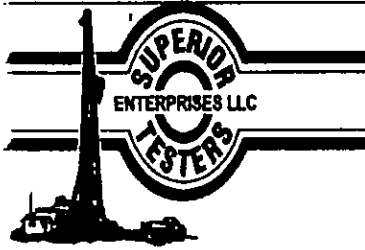
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1875.82	105.60	Initial Hydro-static
1	48.88	105.67	Open To Flow (1)
7	68.49	105.62	Shut-In(1)
64	234.88	107.01	End Shut-In(1)
65	78.35	107.06	Open To Flow (2)
109	179.16	108.61	Shut-In(2)
208	234.01	110.97	End Shut-In(2)
209	1831.18	111.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
320.00	Muddy salt water	4.49
0.00	Mud 10% Water 90%	0.00
10.00	Free Oil 100%	0.14
	600 foot of gas in the pipe	0.00
	Chlorides 32000	0.00
	Resistivity 0.47@78 degrees	0.00

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (McF/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G Hall Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16101 DST#: 3
 Test Start: 2010.08.05 @ 02:08:00

Tool Information

Drill Pipe:	Length: 3648.00 ft	Diameter: 3.80 inches	Volume: 51.17 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: 50000.00 lb
			<u>Total Volume: 51.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3666.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3638.00	
Shut-In Tool	5.00			3643.00	
Hydroic Tool	5.00			3648.00	
Jars	6.00			3654.00	
Safety Joint	2.00			3656.00	
Packer	5.00			3661.00	29.00 Bottom Of Top Packer
Packer	5.00			3666.00	
Perforations	9.00			3675.00	
Recorder	1.00	4143	Inside	3676.00	
Recorder	1.00	8400	Outside	3677.00	
Bullhose	3.00			3680.00	14.00 Bottom Packers & Anchor
Total Tool Length:	43.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G Holl Company LLC
9431 East Suite 100
Wichita Kansas 67206+2563
ATTN: Ryan Greenbaum

Werhahn Trust #1-36
36/19S/16W Rush
Job Ticket: 16101 DST#: 3
Test Start: 2010.08.05 @ 02:08:00

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:	32000 ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.78 in ³	Gas Cushion Type:		
Resistivity: 0.47 ohm.m	Gas Cushion Pressure: psia		
Salinity: 5500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
320.00	Muddy salt water	4.489
0.00	Mud 10% Water 90%	0.000
10.00	Free Oil 100%	0.140
	600 foot of gas in the pipe	0.000
	Chlorides 32000	0.000
	Resistivity 0.47@78 degrees	0.000

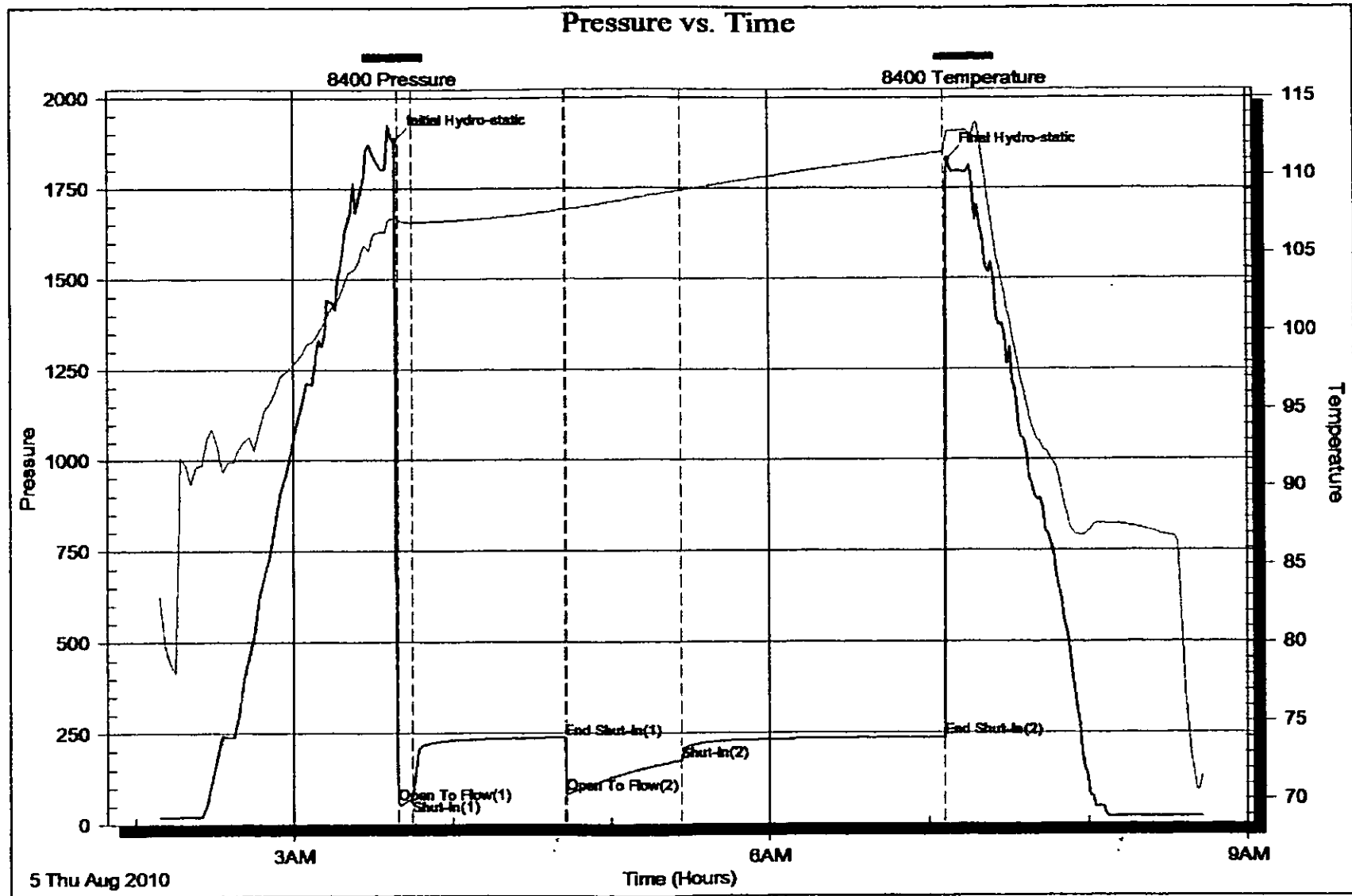
Total Length: 330.00 ft Total Volume: 4.629 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

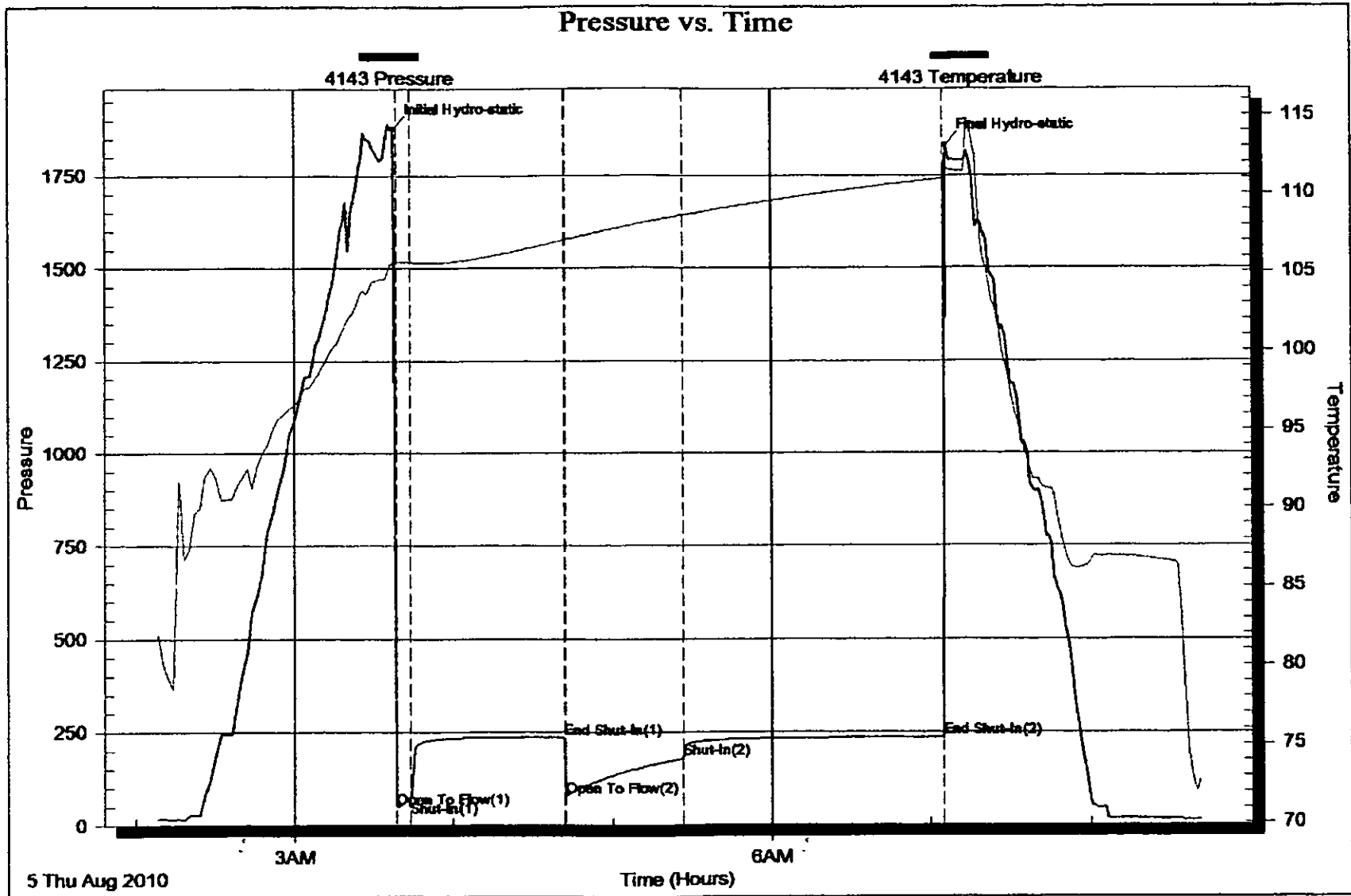
Serial #: 8400

Outside F.G. Hal Company LLC

36/19/16V Rush

USF Test Unit Del. 3







DRILL STEM TEST REPORT

Prepared For: **F.G Holl Company LLC**

9431 East Suite 100
Wichita Kansas 67206+2563

ATTN: Ryan Greenbaum

36/19S/16W Rush

Werhahn Trust #1-36

Start Date: 2010.08.05 @ 14:39:00

End Date: 2010.08.05 @ 21:30:00

Job Ticket #: 16102 DST #: 4

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

Printed: 2010.08.09 @ 10:09:08

F.G Holl Company LLC Werhahn Trust #1-36 36/19S/16W Rush DST # 4 Arbuckle 2010.08.05



DRILL STEM TEST REPORT

F.G Holt Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

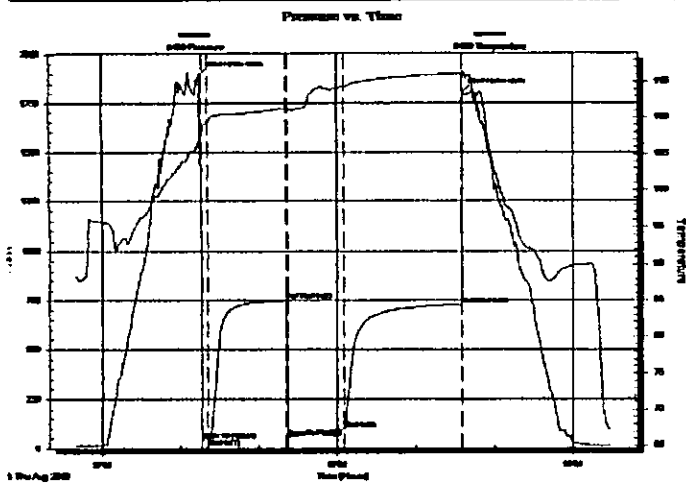
Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16102 DST#: 4
 Test Start: 2010.08.05 @ 14:39:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:16:30
 Time Test Ended: 21:30:00
 Interval: **3679.00 ft (KB) To 3690.00 ft (KB) (TVD)**
 Total Depth: **3690.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dylan E. Elis
 Unit No: 3345-GB-30
 Reference Elevations: 1981.00 ft (KB)
 1973.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: **8400** Outside
 Press@RunDepth: 97.18 psia @ 3687.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.08.05 End Date: 2010.08.05 Last Calib.: 2010.08.05
 Start Time: 14:40:00 End Time: 21:30:00 Time On Btm: 2010.08.05 @ 16:15:00
 Time Off Btm: 2010.08.05 @ 19:38:30

TEST COMMENT: 1ST Opening 5 Minutes Good steady blow/blew to bottom of bucket in 2 minutes
 1ST Shut-in 60 Minutes no blow back
 2ND Opening 45 Minutes almost bottom of bucket of water immediately/strong blow
 2ND Shut-in 90 Minutes yes blow back



PRESSURE SUMMARY

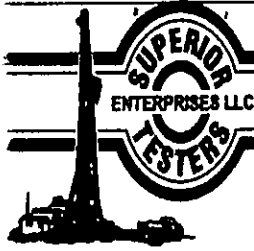
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1893.48	106.87	Initial Hydro-static
2	42.79	107.40	Open To Flow (1)
7	51.57	109.26	Shut-in(1)
67	749.17	111.35	End Shut-in(1)
68	55.31	111.12	Open To Flow (2)
111	97.18	114.33	Shut-in(2)
201	729.31	116.19	End Shut-in(2)
202	1805.63	116.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oil and Gas cut Muddy Water	0.84
0.00	Gas 30% Oil 36% Mud 20% Water 14%	0.00
60.00	Mud cut Oil	0.84
0.00	Mud 60% Oil 40%	0.00
23.00	Water Muddy Oil	0.32
0.00	Water 85% Mud 10% Oil 5%	0.00

Gas Rates

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



DRILL STEM TEST REPORT

F.G Hall Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

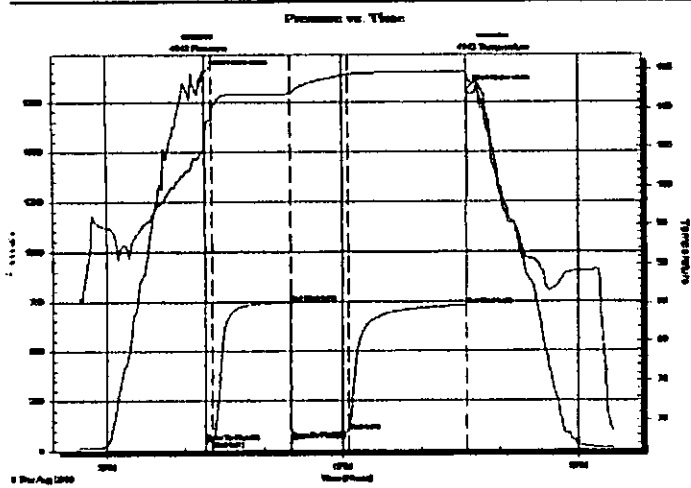
Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16102 DST#: 4
 Test Start: 2010.08.05 @ 14:39:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Time Tool Opened: **16:16:30**
 Tester: **Dylan E. Ellis**
 Time Test Ended: **21:30:00**
 Unit No: **3345-GB-30**
 Interval: **3679.00 ft (KB) To 3690.00 ft (KB) (TVD)**
 Reference Elevations: **1981.00 ft (KB)**
 Total Depth: **3690.00 ft (KB) (TVD)**
 1973.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **8.00 ft**

Serial #: **4143** Inside
 Press@RunDepth: **728.10 psia @ 3686.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2010.08.05** End Date: **2010.08.05** Last Calib.: **2010.08.05**
 Start Time: **14:39:01** End Time: **21:27:16** Time On Btm: **2010.08.05 @ 16:14:46**
 Time Off Btm: **2010.08.05 @ 19:35:16**

TEST COMMENT: 1ST Opening 5 Minutes Good steady blow/blew to bottom of bucket in 2 minutes
 1ST Shut-in 60 Minutes no blow back
 2ND Opening 45 Minutes almost bottom of bucket of water immediately/strong blow
 2ND Shut-in 90 Minutes yes blow back



PRESSURE SUMMARY

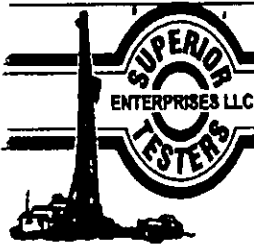
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1895.68	104.79	Initial Hydro-static
1	47.11	106.87	Open To Flow (1)
6	50.83	108.64	Shut-in(1)
66	746.87	111.95	End Shut-in(1)
67	53.81	111.96	Open To Flow (2)
110	95.65	114.36	Shut-in(2)
200	728.10	114.64	End Shut-in(2)
201	1813.34	114.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oil and Gas cut Muddy Water	0.84
0.00	Gas 30% Oil 36% Mud 20% Water 14%	0.00
60.00	Mud cut Oil	0.84
0.00	Mud 60% Oil 40%	0.00
23.00	Water Muddy Oil	0.32
0.00	Water 85% Mud 10% Oil 5%	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G Hohl Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16102 DST#: 4
 Test Start: 2010.08.05 @ 14:39:00

Tool Information

Drill Pipe:	Length: 3678.00 ft	Diameter: 3.80 inches	Volume: 51.59 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:	50000.00 lb
			<u>Total Volume: 51.59 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3679.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	11.00 ft				
Tool Length:	35.00 ft				
Number of Packers:	1	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3656.00		
Shut-In Tool	5.00			3661.00		
Hydroic Tool	5.00			3666.00		
Jars	6.00			3672.00		
Safety Joint	2.00			3674.00		
Packer	5.00			3679.00	24.00	Bottom Of Top Packer
Perforations	6.00			3685.00		
Recorder	1.00	4143	Inside	3686.00		
Recorder	1.00	8400	Outside	3687.00		
Bullnose	3.00			3690.00	11.00	Anchor Tool
Total Tool Length:	35.00					



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G Hoff Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16102 DST#: 4
 Test Start: 2010.08.05 @ 14:39:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Oil and Gas cut Muddy Water	0.842
0.00	Gas 30% Oil 36% Mud 20% Water 14%	0.000
60.00	Mud cut Oil	0.842
0.00	Mud 60% Oil 40%	0.000
23.00	Water Muddy Oil	0.323
0.00	Water 85% Mud 10% Oil 5%	0.000
7.00	Free Oil	0.098
	2686 Gas in the pipe	0.000
	Chlorides 29000	0.000
	Resistivity .39 ohms @ 73 degrees	0.000

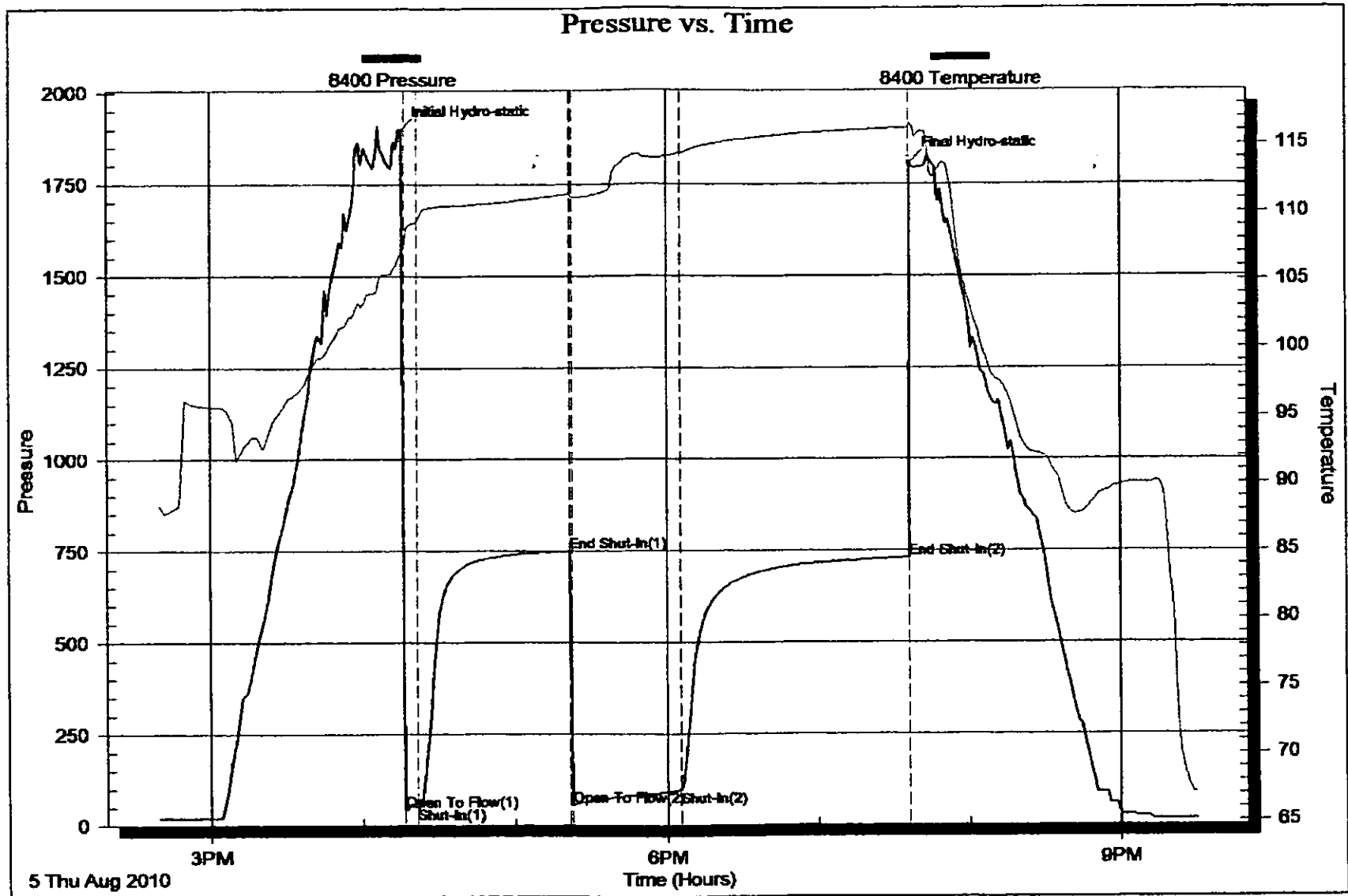
Total Length: 150.00 ft Total Volume: 2.105 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

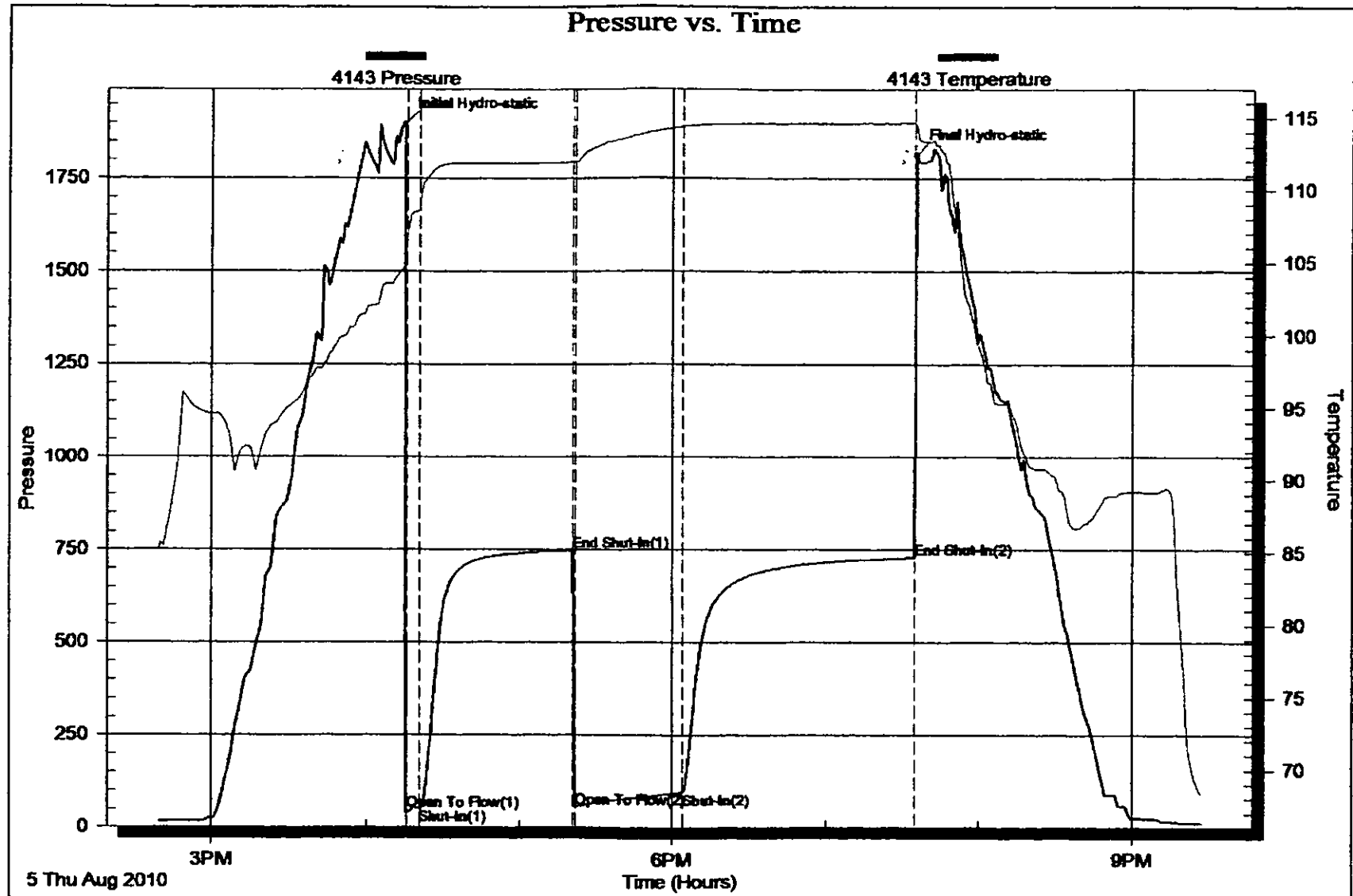
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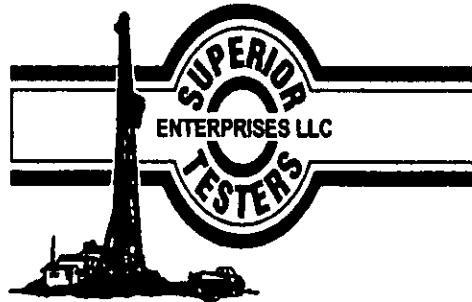
Outside F.G Holl Company LLC

36/19S/16W Rush

DST Test Number: 4







DRILL STEM TEST REPORT

Prepared For: **F.G Holl Company LLC**

9431 East Suite 100
Wichita Kansas 67206+2563

ATTN: Ryan Greenbaum

36/19S/16W Rush

Werhahn Trust #1-36

Start Date: 2010.08.06 @ 04:25:00

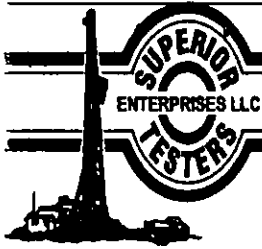
End Date: 2010.08.06 @ 11:00:00

Job Ticket #: 16103 DST #: 5

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

Printed: 2010.08.09 @ 10:15:25

F.G Holl Company LLC Werhahn Trust #1-36 36/19S/16W Rush DST # 5 Arbuckle 2010.08.06



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G Holl Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16103 DST#: 5
 Test Start: 2010.08.06 @ 04:25:00

Tool Information

Drill Pipe:	Length: 3684.00 ft	Diameter: 3.80 inches	Volume: 51.68 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: 50000.00 lb
			<u>Total Volume: 51.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3690.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	35.00 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			3667.00	
Shut-In Tool	5.00			3672.00	
Hydroic Tool	5.00			3677.00	
Jars	6.00			3683.00	
Safety Joint	2.00			3685.00	
Packer	5.00			3690.00	24.00 Bottom Of Top Packer
Perforations	6.00			3696.00	
Recorder	1.00	4143	Inside	3697.00	
Recorder	1.00	8400	Outside	3698.00	
Bullnose	3.00			3701.00	11.00 Anchor Tool
Total Tool Length:	35.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G Hall Company LLC
 9431 East Suite 100
 Wichita Kansas 67206+2563
 ATTN: Ryan Greenbaum

Werhahn Trust #1-36
 36/19S/16W Rush
 Job Ticket: 16103 DST#: 5
 Test Start: 2010.08.06 @ 04:25:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	34000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Salt Water 100% Water	2.525
120.00	Slightly Oil spotted Water	1.683
	Oil 1% Water 99%	0.000
60.00	Slightly Oil cut Water	0.842
	Oil 7% Water 93 %	0.000
60.00	Oil cut Muddy Water	0.842
	Oil 20% Mud 20% Water 60%	0.000
30.00	Oil cut watery mud	0.421
	Oil 40% Mud 40% Oil 20%	0.000
	2280 Gas in the pipe	0.000
	Chlorides 34000	0.000
	Resistivity .40ohms@76 degrees	0.000

Total Length: 450.00 ft Total Volume: 6.313 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

