



KANSAS CORPORATION COMMISSION 1061477
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



1061477

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

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

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	HAIR/WAGNER UNIT 1-27
Doc ID	1061477

All Electric Logs Run

CDL/CNL/ML
CPI
BHCS
Resistivity
DIL
Sector Bond/GR/CCL

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	HAIR/WAGNER UNIT 1-27
Doc ID	1061477

Tops

Name	Top	Datum
Anhydrite	1700	+689
Herrington	2481	-92
Winfield	2532	-143
Towanda	2613	-224
Ft Riley	2660	-271
Wrefold	2787	-398
Neva	2980	-591
Red Eagle	3049	-660
Stotler	3329	-940
Heebner	3783	-1394
LKC	3823	-1434
BKC	4086	-1697
Pawnee	4185	-1796
Ft. Scott	4280	-1891
Cherokee Sh.	4293	-1904
Cherokee Sand	4299	-1910
Mississippi Cherty Dolo	4377	-1988
RTD	4600	-2211

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

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

Sam Brownback, Governor

August 15, 2011

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

Re: ACO1
API 15-135-25266-00-00
HAIR/WAGNER UNIT 1-27
SE/4 Sec.27-16S-22W
Ness County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Franklin R. Greenbaum



BASIC
ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 04403 A

DATE _____ TICKET NO. _____

DATE OF JOB 6-23-11 DISTRICT 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 FG HOLL CO LLC		LEASE Hair/Wagner Unit WELL NO. 27				
ADDRESS		COUNTY Ness-27-16-22 STATE Ks				
CITY STATE		SERVICE CREW Allen, Keven Brand, Jarrod Jeff Br...				
AUTHORIZED BY		JOB TYPE: 4 1/2" 2-Stage L.S.				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 6-22-11 DATE AM 9:30
28443 P.U.	7 1/2					ARRIVED AT JOB AM 7:00
19830 P4	7 1/2					START OPERATION 6-23-11 AM 7:00
19832-19862	4 1/2					FINISH OPERATION 6-23-11 AM 2:00
19831-21010	7 1/2					RELEASED 6-23-11 AM 2:30
19889-19842	7 1/2					MILES FROM STATION TO WELL 100-miles

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 Song**
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2 cement	SK	100		
CP101	Acow Blend	SK	350		
CP103	60/40 P02	SK	75		
CC102	cell FLAK+	lb	113		
CC105	Defoamer Powder	lb	24		
CC109	Calcium chloride	lb	987		
CC111	SALT Fine	lb	455		
CC128	FIA-322	lb	94		
CC201	Gilsonite	lb	1000		
CF400	Two Stage cement collar 4 1/2" Red	EA	1		
CF600	4 1/2" Latch Down Plug Assembly Red	EA	1		
CF1250	Auto Fill Float Shoe 4 1/2" Blue	EA	1		
CF1650	Turbolizer 4 1/2" Blue	EA	9		
CF1900	4 1/2" Basket Blue	EA	1		
CF2002	Cement scratchers	EA	40		

SUB TOT/

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Allen F. Ward	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Rob Song (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

BASIC

energy services, L.P. #1 Bottom Stage

TREATMENT REPORT

Customer FG Holl Co. LLC	Lease No.	Date 6-23-11
Lease Hair/Wagner Unit	Well # 1-27	
Field Order # 24403A	Station Pratt KS	Casing 4 1/2
		Depth 4588
Type Job 4 1/2 - 2-stage long string	Formation Cnw	County Ness
		State KS
		Legal Description 27-16-22

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2"	Tubing Size	Shots/Ft	255ks	Acid	60/40 Poz	RATE	PRESS	ISIP
Depth 4588'	Depth	From	To 100s	Pre Pad	AA-2 @ 15 #/gal	Max		5 Min.
Volume 23	Volume	From	To	Pad		Min		10 Min.
Max Press 1500	Max Press	From	To 12 BBL	Frac	super flush	Avg		15 Min.
Well Connection PC	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 4574	Packer Depth	From	To	Flush	H ₂ O + mud	Gas Volume		Total Load

Customer Representative Bob Long	Station Manager scotty	Treater Allen
Service Units 28443 19889 19842 19832 19862 19870		
Driver Names Worth Bradley Mitchell Brian Whitfield Kroy Jeff		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0130 AM					ON Loc. Discuss Safety, Setup Plan, Job
410					Laying Down Drill Pipe Start 4 1/2" casing 10.5' shoe joint 13.95' w/ float shoe + L.O. Baffle in collar. cent-2-3-4-5-6-7-8-9-70 Basket on 70 down 71 @ 1964' Pipe @ 4588' Tagged Bottom @ 4593' Hookup + CIR + Rotate Pipe Test IRON 1500'
1000	1500+	200+	5	5	Pump 5 BBLs H ₂ O spacer
			12	5	Pump 500gal super flush
			5	5	Pump 5 BBL H ₂ O spacer
			6	5	mix + pump 255ks 60/40 9s scavenge
			25 1/2		mix + pump 100s ks AA-2 @ 15 #/gal
1015					Finish mix wash out Pump Line
				5	Drop Plug. Start Disp.
				5	Pump 38 BBLs H ₂ O + 43 BBLs mud.
				4	caught lift @ 58 BBLs
1030	1500		73	4	Plug down
	0"				Release PSI - OK.
1033					DROP DAT.

BASIC

energy services, L.P. #2 Top Stage

TREATMENT REPORT

Customer: EG Holl Co LLC	Lease No.:	Date: 6-23-11
Lease: Hair/Wagner Unit	Well #: 1-27	
Field Order #: 04403A	Station: Pratt KS	Casing: 4 1/2" Depth: 1764'
Type Job: 4 1/2" 2-Stage L.S.	Formation: CNW	Legal Description: 27-16-22
County: Ness	State: KS	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size: 4 1/2"	Tubing Size:	Shots/Ft:	350	Acid:	5Ks ACON Blend	RATE:	PRESS:	ISIP:
Depth: 1764'	Depth:	From:	To:	Pre Pad:		Max:		5 Min.
Volume: 28	Volume:	From:	To:	Pad:		Min:		10 Min.
Max Press: 1200	Max Press:	From:	To:	Frac:		Avg:		15 Min.
Well Connection: PC	Annulus Vol.:	From:	To:			HHP Used:		Annulus Pressure
Plug Depth: 1764'	Packer Depth:	From:	To:	Flush: D.P. H2O		Gas Volume:		Total Load

Customer Representative: Bob Long	Station Manager: Scotty	Treater: Allen
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Service Units: 28443 19889 19842 19831 21010	Driver Names: Allen Brad Mitchell Jarrod Brunyardt
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1045	800#				open DV + cir. w/Rig. 1764'
1250	200#		154	5	start mix 350sKs ACON @ 12#
					Finish mix
					washout Pump + line
					Drop closing Plug.
1222				4 1/2	start Disp.
130	2500#		28	3	Plug down
	0#				Release PST 0#
					Plug RAT Hole + Mouse
					Hole w/ 50sKs 60/40 Poz
					2% gel.
					wash up + Rackup Equip.
230					Job complete
					thanks Allen
					Kevin
					amt cir Brad
					To cellar Jarrod



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 04401 A

DATE _____ TICKET NO. _____

DATE OF JOB: 6-15-11		DISTRICT: 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: FG Holl Co. LLC				LEASE: HAIR/Wagner Unit				WELL NO. 1-27		
ADDRESS:				COUNTY: Ness - 27-16-22 STATE: KANSAS						
CITY:				STATE:		SERVICE CREW: Allen, Steve, M. McGraw				
AUTHORIZED BY:				JOB TYPE: 8 5/8" surface						CNW
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 6-14-11 DATE AM PM TIME 9:45				
28433 P.U.	1					ARRIVED AT JOB 6-15-11 AM PM 1200				
19832-19862	1					START OPERATION 6-15-11 AM PM 330				
33708-20920	1					FINISH OPERATION 6-15-11 AM PM 430				
						RELEASED 6-15-11 AM PM 500				
						MILES FROM STATION TO WELL 100 miles				

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
CP100	COMMON	SK	200		
CC102	cell FIAK	lb	150		
CC200	CEMENT GEL	lb	564		
CC109	CALCIUM CHLORIDE	lb	376	592.70	
CF153	WOODEN CEMENT PLUG 8 5/8"	EA	1		
E100	UNIT MILEAGE CHARGE PICKUP	mi	100		
E101	HEAVY EQUIP. MILEAGE	mi	200		
E113	BULK DELIVERY CHARGE	TM	990		
CE200	DEPTH CHARGE 0-500'	4-hr	1		
CE240	BLENDING + MIXING SERVICE CHG.	SK	200		
CE504	PLUG CONTAINER UTILIZATION CHG	Job	1		
5003	SERVICE SUPERVISOR FIRST SHRS	EA	1		

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: Allen F. Wauth
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Emilio Rojas
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer FG HOLL CO LLC	Lease No.	Date 6-15-11
Lease HAIR WAGNER UNIT	Well # #1-27	
Field Order # 04401A	Station Pratt KS	County NESS
Type Job 8.5/8" Surface Pipe	Casing 8.5/8"	Depth 315
	Formation CNW	Legal Description T0 315'

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8.5/8"	Tubing Size	Shots/Ft	200	Acid	SKs Common	RATE	PRESS	ISIP
Depth 315	Depth	From	To	Pre Pad	@ 15'	Max 1/9AL	300CC	1/4" C.F.
Volume 18 3/4	Volume	From	To	Pad		Min		5 Min.
Max Press 300	Max Press	From	To	Frac		Avg		10 Min.
Well Connection P.C.	Annulus Vol.	From	To			HHP Used		15 Min.
Plug Depth 395	Packer Depth	From	To	Flush Disp N ² O		Gas Volume		Annulus Pressure
								Total Load

Customer Representative	Station Manager scotty	Treater Allen
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Service Units	28443	19832	19832	19862	33708	20920			
Driver Names	Allen	steve	mike	mcgraw	steve	orlando			

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
1200 AM					Duke #9. ON Loc. Discuss Safety, Setup, Plan Job Rig Drilling @ 232. Hole cut 315'
100 AM					START out of hole w/ Bit
200 AM					START 8.5/8 CSJ 24"
330					CASING @ 315' Hookup + CIR w/ Rig Pump. - Chain Down.
330	200 #			5	START mix 200sk common w/ 2% gal 3% CC, 1/4" C.F. @ 15'
345			48		Finish mix Drop 8.5/8" wooden Plug.
406			18 3/4	5	START Disp.
415	300 #			2	Plug down Shut in @ well
	0 #				Release PSI washup Equip. Job complete
					CIR CNT To Pit THANKS Allen, Steve McGraw.

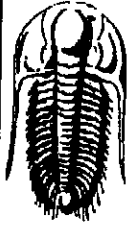
Customer F.B. Hull	Lease No.	Date 8-8-11
Lease Hull/Wagoner	Well # 1-27	
Field Order #	Station Pratt	Casing 117
	Depth	County Ness
Type Job C.N.W. - Square	Formation	Legal Description 27-16-22

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	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	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative Rob Long	Station Manager Drew Scott	Treater Steve Orlando
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Service Units	27783	27463	19820	15260				
Driver Names	Udell	N. Hill	McCormick					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00					On location - Safety meeting
					Packed 11:38
	500		8	1	Hook up to Annulus Start 11:50
	500		16.6	1	Loaded PST 75 500 c/s
					Hook up to Tubing Start 11:50
					Injection Rate 1 bbl @ 750
		750	5.1	1	Min 25 sks comm w/ additives
		750	15.7	1	Min 75 sks comm w/
					SKL down back to 1100 depth
		2000	17.7		Pressure up to 2000
11:00		2000	20	1	repressurize well
					Repress back start 11:00
					Work pump in & repress up
11:45		2000	20	1	No Returns Reverse out
	500				Work down 2 TH tubing
					pull 7 TH
		500		1	Pressure up 11:45 Tubing back
1:00		500	1	1	to 500 set pack & follow up
					Close the job complete
					Thank, Steve



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

F.G. Holl Company, LLC

Hair/Wagner unit 1-27

9431 E. Central STE 100
Wichita, KS 67206

27-18s-22w Ness, KS

Job Ticket: 43871

DST#: 1

ATTN: Frank Greenbaum

Test Start: 2011.06.20 @ 17:18:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:46:30

Time Test Ended: 02:27:30

Test Type: Conventional Bottom Hole

Tester: Cody Bloedorn

Unit No: 47

Interval: 4270.00 ft (KB) To 4312.00 ft (KB) (TVD)

Total Depth: 4312.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2389.00 ft (KB)

2376.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6753

Inside

Press@RunDepth: 108.08 psig @ 4271.00 ft (KB)

Start Date: 2011.06.20

End Date:

2011.06.21

Capacity: 8000.00 psig

Last Calib.: 2011.06.21

Start Time: 17:18:05

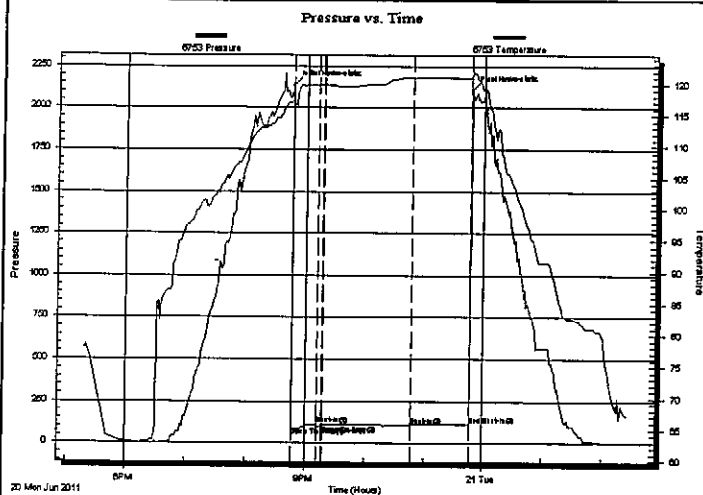
End Time:

02:27:30

Time On Btm: 2011.06.20 @ 20:46:00

Time Off Btm: 2011.06.20 @ 23:47:00

TEST COMMENT: 30 - IF- 4" blow in 15 Mn, died back to 2 3/4"
60 - IS- No blow back
30 - FF- No blow back for 26 Mn. 1/4" blow
60 - FS- No blow back



PRESSURE SUMMARY

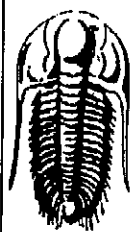
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.95	117.30	Initial Hydro-static
1	41.94	116.72	Open To Flow (1)
25	109.05	119.75	Shut-In(1)
31	102.50	120.01	End Shut-In(1)
31	106.24	119.97	Open To Flow (2)
120	108.08	120.99	Shut-In(2)
180	111.04	121.00	End Shut-In(2)
181	2108.91	121.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	5%G, 5%O, 10%W, 80%M	0.30
62.00	20%G, 40%O, 50%M	0.30
62.00	2%O, 98%M	0.30
10.00	2%O, 3%G, 90%M	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

F.G. Holl Company, LLC

9431 E. Central STE 100
Wichita, KS 67206

ATTN: Frank Greenbaum

Hair/Wagner unit 1-27

27-18s-22w Ness, KS

Job Ticket: 43872

DST#: 2

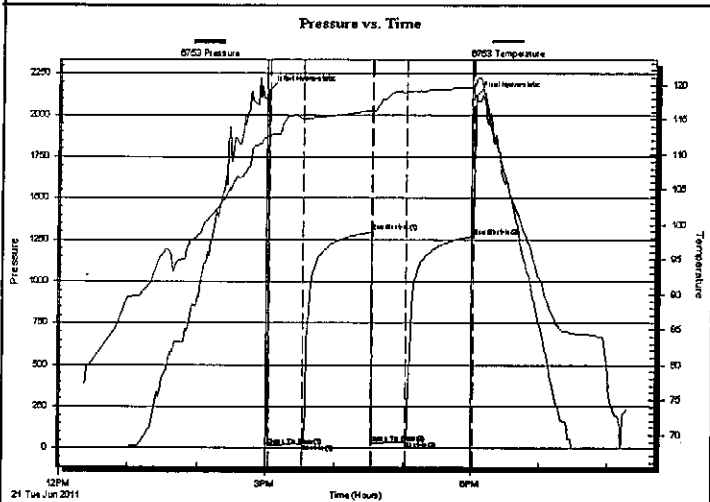
Test Start: 2011.06.21 @ 12:22:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:02:00
 Time Test Ended: 20:18:00
 Interval: **4379.00 ft (KB) To 4390.00 ft (KB) (TVD)**
 Total Depth: **4390.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole**
 Tester: **Cody Bloedorn**
 Unit No: **47**
 Reference Elevations: **2389.00 ft (KB)**
2376.00 ft (CF)
 KB to GR/CF: **13.00 ft**

Serial #: 6753 Inside
 Press@RunDepth: **40.38 psig @ 4380.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.06.21** End Date: **2011.06.21** Last Calib.: **2011.06.21**
 Start Time: **12:22:05** End Time: **20:17:59** Time On Btm: **2011.06.21 @ 15:01:30**
 Time Off Btm: **2011.06.21 @ 18:03:00**

TEST COMMENT: 30 - IF- Weak surface blow dying
 60 - IS- No blow back
 30 - FF- No blow back
 60 - FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2154.15	112.56	Initial Hydro-static
1	16.18	111.07	Open To Flow (1)
31	27.53	115.04	Shut-In(1)
90	1297.71	116.36	End Shut-In(1)
91	30.64	115.93	Open To Flow (2)
120	40.38	119.04	Shut-In(2)
180	1273.08	119.77	End Shut-In(2)
182	2116.72	120.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	30%O, 70%M	0.30
10.00	10%M, 90%O	0.05

Gas Rates

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