

**WELL COMPLETION FORM**
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Confidentiality Requested:

 Yes No

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-____- Sec. _____ Twp. _____ S. R. _____ East West_____ Feet from North / South Line of Section_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

 NE NW SE SW

GPS Location: Lat: _____, Long: _____

*(e.g. xx.xxxxx)**(e.g. -xxx.xxxxx)*Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan*(Data must be collected from the Reserve Pit)*

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY Confidentiality Requested

Date: _____

 Confidential Release Date: _____ Wireline Log Received Geologist Report Received UIC DistributionALT I II III Approved by: _____ Date: _____

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

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

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

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

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

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	LENKNER 'A' 1-13
Doc ID	1079299

All Electric Logs Run

CDL/CNL
DIL
BHCS
Microresistivity Log
CPI
Sector Bod Log

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	LENKNER 'A' 1-13
Doc ID	1079299

Tops

Name	Top	Datum
Herrington	2124	-253
Winfield	2182	-311
Towanda	2249	-378
Ft Riley	2296	-425
B/Florence	2391	-520
Kinney Ls	2399	-528
Wrefold	2434	-563
Council Grove	2470	-599
Neva	2652	-781
Red Eagle	2769	-898
Wabaunsee	2947	-1076
Stotler	3073	-1202
Topeka	3364	-1493
Heebner	3774	-1903
LKC	3970	-2099
BKC	4343	-2472
Marmaton	4360	-2489
Conglomerate	4424	-2553
Kinderhook Chert	4448	-2577
Viola	4547	-2676
Simpson Sand	4645	-2774
Arbuckle	4716	-2845
RTD	4900	-3029

Summary of Changes

Lease Name and Number: LENKNER 'A' 1-13

API/Permit #: 15-007-23823-00-00

Doc ID: 1079299

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Production Interval #1	4008' - 4649'	
Save Link	../..kcc/detail/operatorEditDetail.cfm?docID=1072228	../..kcc/detail/operatorEditDetail.cfm?docID=1079299



CONFIDENTIAL

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
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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: _____



1072228

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	LENKNER 'A' 1-13
Doc ID	1072228

All Electric Logs Run

CDL/CNL
DIL
BHCS
Microresistivity Log
CPI
Sector Bod Log

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	LENKNER 'A' 1-13
Doc ID	1072228

Tops

Name	Top	Datum
Herrington	2124	-253
Winfield	2182	-311
Towanda	2249	-378
Ft Riley	2296	-425
B/Florence	2391	-520
Kinney Ls	2399	-528
Wrefold	2434	-563
Council Grove	2470	-599
Neva	2652	-781
Red Eagle	2769	-898
Wabaunsee	2947	-1076
Stotler	3073	-1202
Topeka	3364	-1493
Heebner	3774	-1903
LKC	3970	-2099
BKC	4343	-2472
Marmaton	4360	-2489
Conglomerate	4424	-2553
Kinderhook Chert	4448	-2577
Viola	4547	-2676
Simpson Sand	4645	-2774
Arbuckle	4716	-2845
RTD	4900	-3029



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 05627 A

DATE _____ TICKET NO. _____

DATE OF JOB 1-2-12 DISTRICT Pratt				NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:			
CUSTOMER F.B. Holl Co. LLC				LEASE Lenkner		WELL NO. A1-13	
ADDRESS				COUNTY Barber		STATE KS	
CITY				SERVICE CREW Orlando, Mitchell, Pierson			
AUTHORIZED BY				JOB TYPE: CNW-133/8 Conductor			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 1-2-12 TIME 5:05
27283	1/2					ARRIVED AT JOB	AM 6:45
27463	1/2					START OPERATION	AM 8:50
19326-19860	1/2					FINISH OPERATION	AM 9:00
						RELEASED	AM 9:54
						MILES FROM STATION TO WELL	20

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	Acid Blend	SK	150		
CP100	Common	SK	150		
CC102	Cellulose	Lb	75		
CC109	Calcium Chloride	Lb	705		
E100	Pickup mileage	Mi	20		
E101	Heavy Equipment Mileage	Mi	40		
E113	Burk Delivery	Lb	282		
CF200	Batch Charge 0-500	ea	1		
CF240	Blending & Mixing Charge	SK	300		
5003	Service Supervisor	ea	1		

SUB TOTAL

DLS

CHEMICAL / ACID DATA:			

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

TOTAL

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

FIELD SERVICE ORDER NO.

Customer F.G. Holl	Lease No.	Date 1-2-12
Lease Lenker	Well # A1-13	
Field Order # 5627	Station Pratt	Casing 13 3/8 54
	Depth 302	County Barber
Type Job CNW - Conductor 13 3/8	Formation	State KS
		Legal Description 13-30-14

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft				RATE	PRESS	ISIP
13 3/8 54	9 5/8		150 S	Acid	Accon Blend			
Depth 302	Depth 70	From	To	Pre Pad	Common	Max		5 Min.
Volume 46.6	Volume 63.6	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 290	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative	Station Manager Dane Slot	Treater Steve Orlando
Service Units 17283 27463 19826/19860		
Driver Names Orlando Mitchell Pearson		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:45 AM					On location - Safety meeting
					Run 7 JIS casing
					Casing on Bottom Break crew/R.S
8:25	200		56.5	4	Mix 150 Sks Accon Blend @ 12.5
8:40	200		32	4	Mix 150 Sks Common @ 15.6 #/gal
8:48	0		0	4	Start H ₂ O Displacement
8:57	200		36	4	Cement To Surface
9:00 PM	200		46.6	3	Plug Down
9:00 AM	200				Close Valve
					Circulation This Job
					Circulated 10 bbl cement Top it
					Job Complete
					Thanks, Steve



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 05653 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>01-03-12</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. J. HOLL</u>				LEASE <u>LENKNER # 1-13</u> WELL NO. _____					
ADDRESS _____				COUNTY <u>BARBER</u> STATE <u>KS</u>					
CITY _____ STATE _____				SERVICE CREW <u>Sullivan, Mckay, Hunter, Edwards</u>					
AUTHORIZED BY _____				JOB TYPE <u>CNW 8 5/8 Surface</u>					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>33706-20920</u>	<u>1 hr 40m</u>						<u>01-03-12</u>		<u>2:30</u>
<u>19831-19862</u>	<u>1 hr 40m</u>					ARRIVED AT JOB		AM	<u>8:30</u>
<u>19826-19860</u>	<u>1 hr 40m</u>					START OPERATION		AM	<u>10:15</u>
<u>37900</u>						FINISH OPERATION	<u>01-03-12</u>	AM	<u>12:10</u>
						RELEASED	<u>01-04-12</u>	AM	<u>12:45</u>
						MILES FROM STATION TO WELL			<u>20</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 conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Kenneth M. Blue
(WELL OWNER OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A ^o CON Blend cmt	SK	280		
CP 100	Common cmt	SK	175		
CP 100	Common cmt	SK	75		
CC 102	Call Rate	lb	114		
CC 109	Calcium chloride	lb	1122		
CF 105	TOP Lubbing Plug 8 5/8	SA	1		
CF 753	Waffle Plate	SA	1		
CF 1753	Contraption	SA	3		
CF 1903	Basket	SA	2		
E 100	Duckie end gate	M	20		
S 101	Heavy Truck mat	M	60		
E 113	Bulk Odolene	TON	500		
CE 201	Drill Charge 501-1000	SA	1		
CE 242	Blending - mixing	SK	530		
CE 504	Plug Container Rental	SA	1		
S 003	Schud Supreme	SA	1		

SUB TOT

ALS

CHEMICAL / ACID DATA:			

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

Thank you

TOTA

SERVICE REPRESENTATIVE Robert Sullivan
FIELD SERVICE ORDER NO. _____

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Kenneth M. Blue
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

TREATMENT REPORT

Customer F. J. HOLL	Lease No.	Date 01-03-12
Lease LENKER A	Well # 1-13	
Field Order # 9653	Station PRATT KS	Casing 8 5/8
		Depth 952'
		County BARBER
		State KS
Type Job CNW 8 5/8 Surface	Formation	Legal Description 13-30-14

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 952'	Depth	From	To	Pre Pad	Max			5 Min.
Volume 583	Volume	From	To	Pad	Min			10 Min.
Max Press 500	Max Press	From	To	Frac	Avg			15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 909'	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager DAVE SCOTT	Treater Robert Sullivan
Service Units 37900 33708 20970	Hunter	Edmanbo
Driver Names Sullivan	Melko	1982 1964 1983 1984

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:20					on loc safety meeting
					run 22 str 8 5/8 24 csq. lost circ.
10:00					chk'ng on bottom
10:10					break circ.
10:15	200		3	3	st spacer
			80	4.5	st mixing 280 sk A-con cmt @ 12.6ppg
			23		M mixing tail 175 sk com. w/ 2% cmt @ 15.5ppg
					cmt mixed
					Release Plug
				4	st disp good circ.
11:20			58		plug down
					NO CMT
					Rig up to 1"
11:40				1.5	Run 100' AND st to cmt
			10		cmt surface 75 sk com. w/ 1% cmt
12:00					CMT STAYED IN CELLAR
					SOB complete
					Thank you

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

January 18, 2012

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

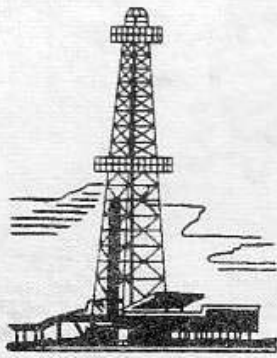
Re: ACO1
API 15-007-23823-00-00
LENKNER 'A' 1-13
NE/4 Sec.13-30S-14W
Barber County, Kansas

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



WELLSITE GEOLOGIST'S REPORT

J. R. Hustead
Consulting Geologist



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: LENKNER NO "A" 1-13
Location: SEC 13-T 30 S-R 14 W
License Number: 15-007-23-823-00-00
Spud Date: 01-02-2012
Surface Coordinates: 1830' FNL, 2200' FEL-15' S., 55' W. OF SE NW SW NE
Region: BARBER
Drilling Completed:

Bottom Hole Coordinates: Vertical Hole

Ground Elevation (ft): 1860' K.B. Elevation (ft): 1871'
Logged Interval (ft): 2200' To: 4950' Total Depth (ft): 4950'
Formation: VIOLA
Type of Drilling Fluid: Starch, Chemical Premix (Displaced)

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR:

Company: F.G. HOLL COMPANY LLC
Address: 9431 E. CENTRAL STE 100
WICHITA, KANSAS 67206-2563

DRILLING CONTRACTOR:

Duke Drilling Company, Rig #7
Drill Pipe 4.5 X H; DRILL COLLARS 6.25 x 2.25, 494' BHA
BIT #1: 7-7/8" PDC Q506F; WOB: 12-14; RPM 110; BIT #2 BUTTON BIT 7 7/8" WOB 34; RPM 85; KELLY BUSHING
13' ABOVE GROUND LEVEL-MIRT-JUNE 22-2011

CIRCULATION SYSTEM:

MUD-PUMP: NATIONAL 500, DUPLEX, 6.0 x 15, 56 SPM, 343GPM ; SPP: 600 PSI; STEEL PITS; MUD-CO/
SERVICE MUD, INC.; BRAD BORTZ

GAS DETECTION SYSTEM:

MBC WELL LOGGING AND LEASING
ANALOG HOTWIRE AND CHROMATOGRAPH

OPEN HOLE LOGS:


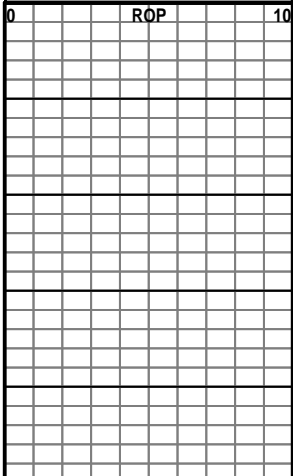
DN (PE), DI (SP), ML: Sonic; . LogTech, Hays, KS, K Bange. Log total depth (3829') matched rotary depth.

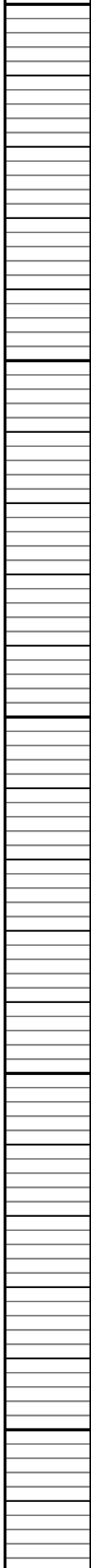
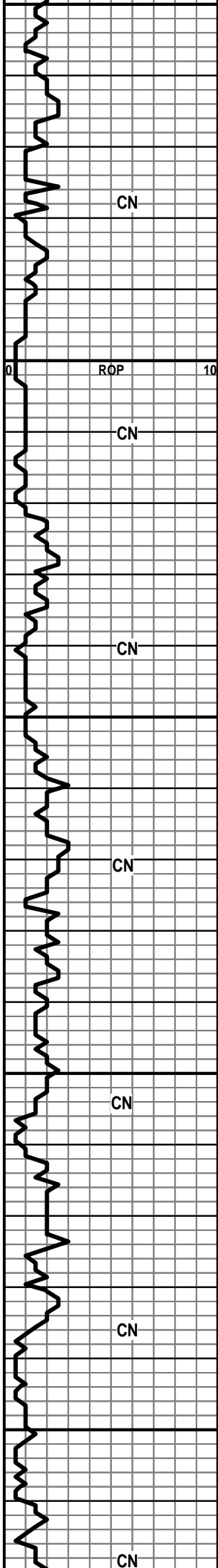
COMPLETION:

ABANDONED

WELLSITE GEOLOGIST:

Rene Husted
 600 N. WINWOOD ST
 GARDNER, KS 66030
 (913) 908-3390

ROP ROP (min/ft) 	DST	Lithology	Porosity and Shew Depth	Geological Descriptions	TG, C1-C4 / REMARKS
			20		
CN			2050		
CN			2100	ANHY-FRSTY WHT-RNDED-PYR XLS IMBD-SH-GRY-WAXY	
CN				LS-LT BRN F-XLN-BRIT-OOL-DNS	
CN				HERINGTON DOLO-LT GRY-F-GRN-BLOCKY-HD-DNS DOLO-LT GRY W/ BLK SPECS-BRIT TO HD-PR PP POR	
CN			20	DOLO A.A.	



215
2200
2250
2300
2350

SH-GRY-BLKY-WAXY

WINFIELD

DOLO-GRY-F-GRN-BRIT-FOSS FRAGS-FR PP POR

DOLO-M-GRN-BRIT-FOSS FRAGS-TR CHLK-FR PP POR

DOLO-GRY-M-GRN-SLI CHLKY-FOSS FRAGS-FR PP POR-

LS-GRY-V-F-XLN-HD-FOSS-DNS

TOWANDA

POOR SAMPLE

SH-GRY-FRM-BLKY-LMY

LS-GRY-F-XLN-HD-DNS

LS-GRY-F-XLN-HD-SHLY-FOSS-DNS-CHRT-GRY-OPQ-FRSH

LS A.A. CHRTY

FT RILEY

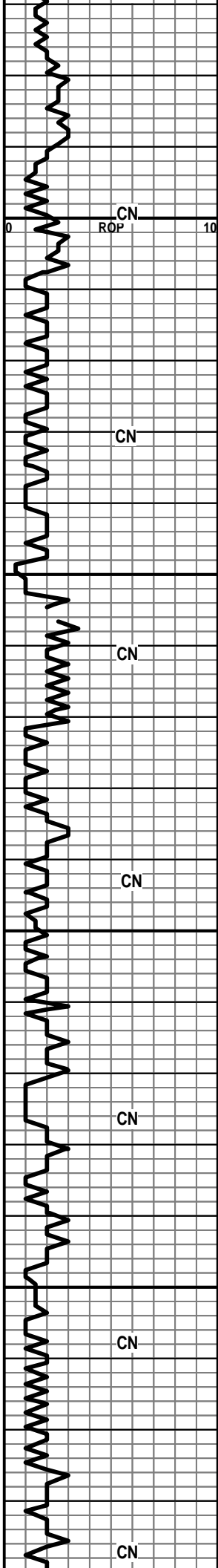
LS-LT TN-F-GRN-TR FOSS-TR SH IMBD-PR TO FR INTER-GRN POR

LS-GRY-F-XLN-HD-DNS W/ CHRT-GRY-OPQ-FRSH

SH-GRY-F-RM-LMY

POOR SAMPLES

POOR SAMPLES



LS-LT BRN-F-GRN-BRIT-DNS
SH-GRY-DK GRY-WAXY

2400 LS-CRM-F-XLN-V-OOL-HD-DNS

LS A.A.

LS-CRM-V-F-XLN-V-OOL-BRITTO HD-SLI CHLKY IP

LS-CRM TN-F-XLN-OOL-BRIT TO HD-TR OOL-MOLDIC POR

2450 **B/FLORENCE**

LS-GRY-F-XLN-HD-SHLY-DNS

COUNCIL GROVE

SH-GRY-BLKY-WAXY

LS-TN-V-F-XLN-OOL-FOSS-HD-DNS

2500 LS-OFF WHT-F-XLN-TR FOSS-TR VUG POR

LS-TN-F-XLN-OOL-FOSS-TR SM VUG POR

SH-GRY-SFT-GUMMY

LS-GRY-F-XLN-HD-FOSS SHELLS

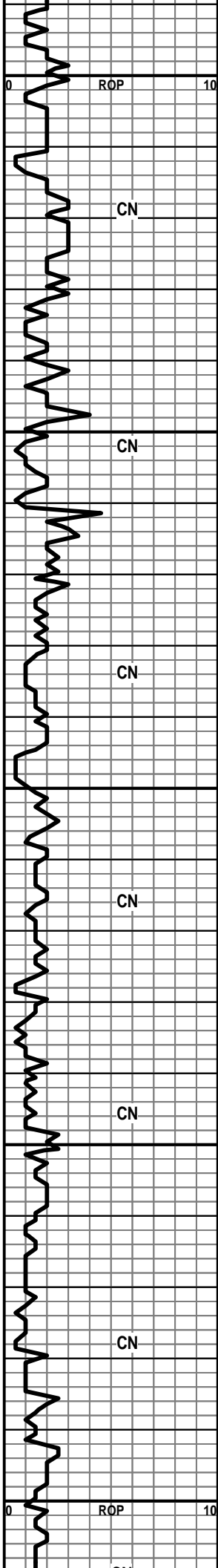
SHALES RED-GRN-GRY

LS-TN-F-XLN-HD-DNS W/ CHRT-TN-OPQ-FRSH

2550 LS-OFF WHT-F-XLN-HD-FOSS FRAGS-DNS

LS-OFF WHT-F-GRN MATRIX-LG OOL-PR-OOL-MOLDIC POR

LS-TN-F-XLN-VOOL-HD-DNS -TRACE OF VUG POR



SH-LT GRY-BLKY-WAXY

2600 LS-CRM/LT BRN-V-OOL-W/ DK BRN SH-FR INTER-PRT
POR-SCATT YEL /GLD FLOR-NO VIS CUT

LS-GRY-F-XLN-SHLY-HD-DNS

LS-TN-F-XLN-SLI CHLKY-BRIT-FOSS FRAGS-PR
INTER-PRT/XLN POR-DULL WHT MIN FLOR-NO VIS
SHOW

2650 LS-GRY-F-XLN-VOOL-SH LT GRY DISS-PR
OOL-MOLDIC POR-DULL WHT MIN FLOR W/
CHRT-GRY-OPQ-FOSS-FRSH

SH-GRY-SFT-WAXY

LS-GRY-F-XLN-SHLY-HD-DNS

LS-OFF WHT-F-XLN-HD-V-FOSS-DNS W/
CHRT-TN-OPQ-FRSH

SHALES-GRY/RED-W/ LS-TN-F-XLN-HD-DNS-TRACE
OF CHRT

2700 SHALES AND LS A.A.

POOR SAMPLE

LS-OFF WHT/GRY-F-XLN-BRIT-CHLKY-FOSS-OOL-
NO VIS POR TO TR FR OOL-MOLDIC POR-DULL WHT
FLOR

LS-GRY/TN-F-XLN-SHLY-HD-DNS

2750 LS-GRY-F-XLN-OOL-HD-DNS

SH-RED-BLKY

RED EAGLE

POOR SAMPLES

POOR SAMPLES

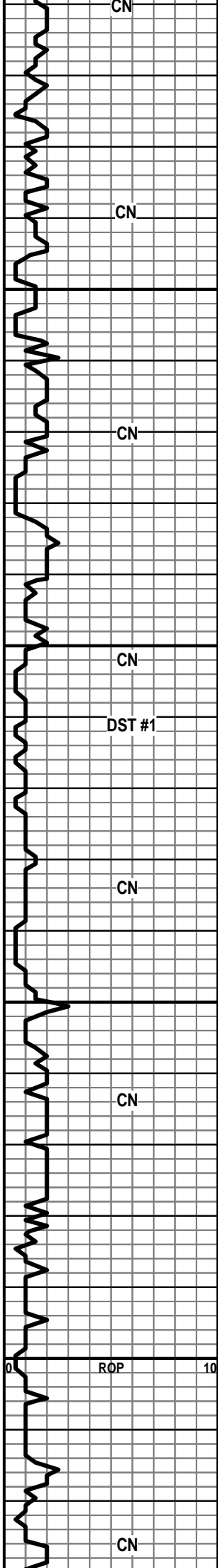
LS-GRY-F-XLN-SHLY-HD-DNS

2800 LS-OFF WHT/BLK SPECS-M-GRN-BRIT-SLI
CHLKY-FOSS -OOL-TR SH IMBD-PR INTER-GRN
POR-DULL WHT MIN FLOR

MUD DATA @ 2701
WT. 10.5
VIS 33

2714' DISPLACE
NATIVE TO CHEMICAL

WT. 8.7
VIS 56



SLTSS AND SH-GRY-BLKY-WAXY

SH-GRY-BLKY-V-FOSS W/ LS-GRY-F-XLN-V-SHLY-DNS

2850 MISSING SAMPLE

LS-TN-F-XLN-OOL-FOSS-BRIT-DNS

MISSING SAMPLE

ONAGA

2900 SS-FRSTY GRY-V-F-GRN-FRI-RNDED-WELL SRTED-TR
HEM TR GLAU-FR INTER-GRN POR-SLI SHLY

SLTSS-FRSTY GRY-F-GRN-V-SHLY-HEM

SS/SLTSS A.A.

WABAUNSEE 2950 (-1079')

2950 LS-TN-F-XLN-BRIT-V-FOSS-OOL-PR TO FR
INTER-FOSS POR/SM VUG POR-NO VIS FLOR-NO VIS
CUT

SH-GRY-F-RM-LMY

LS-BRN-F-XLN-HD-FOSS-TR SH IMBD-DNS

LS-GRY-F-XLN-HD-DNS

LS-CRM-F-XLN-V-FOSS-V-SNDY-TR INTER-GRN
POR-DULL WHT MIN FLOR-NO VIS SHOW W/ SLTSS IN
TRAY

3000 SLTSS-FRSTY-GRY-F-GRN-V-SHLY-HEM-

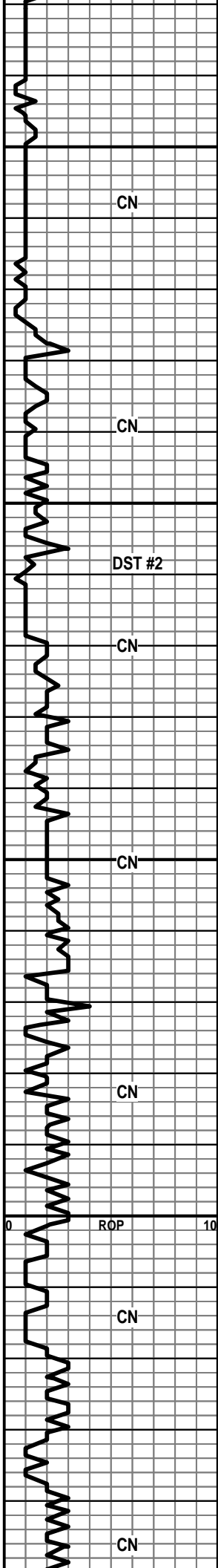
LS-LT TN-F-XLN-BRIT-LG OOL-TR POOR OOL-MOLDIC
POR/SM VUG-NO VIS FLOR-NO VIS SHOW WITH
SLTSS

SS-FRSTY GRY/YEL-F-GRN-RNDED-FR

GEO ON SITE AT 2900'

DST #1
2889'-2960'
REC-10 FT MUD
IBLW-WK BLW BLT TO
1 INCH
FBLW-V-WK SURF BLW
15/30/15/30
SIP-804.3-672.44
IFP-61.22-66.43
FFP-68.56-71.04
HP-1391.8-1369.13

MUD DATA @ 3079
WT. 9.0
VIS 49
FIL 8.8



3050
 SRTE-SHLY-FOSS-TR INTER-GRN POR-TO NO VIS
 POR-DULL WHT MIN FLOR-NO VIS SHOW

SH-GRY-SFT-SLTY-GUMMY-FOSS-FUS

3100
 SH-GRY-SFT-GUMMY-SLTY-FOSS-FUS-BRYO

SH A.A.

STOTLER 3078' (-1207')

MISSING SAMPLE-SAMPLES WITH SMALL PAPER
 LABELS -SOME SAMPLES WITHOUT

3150
 SS-FRSTY GRY-M-F-GRN-FRI TO TT-RNDED
 TOSUB-RNDED-FR TO PR SRTE-CALC
 CMT-GLAU-FR INTER-GRN POR-NO VIS FLOR-NO VIS
 CUT W SH-DK GRY-FRM-BLKY-LMY

TARKIO 3119' (-1248')

LS-LT BRN-V-F-XLN-FOSS-BRIT TO HD-TR
 INTER-FOSS POR-NO VIS FLOR-NO VIS CUT

SH-DK GRY-LMY

3200
 LS-CRM-F-XLN-SM FOSS FRAGS-HD-DNS

LS-TN-V-F-XLN-HD-DNS W/ CHRT-OFF
 WHT-OPQ-FRSH IN TRAY

LS-TN-F-XLN-FOSS FRAGS-OOL-HD-DNS

LS-GRY-V-F-GRN-FOSS-HD-DNS

LS-TN-F-GRN-FOSS FRAGS-FR INTER-GRN AND FRAC
 POR-DULL WHT FLOR

BERN 3194' (-1323')

LS-OFF WHT-F-XLN-SM OOL-SNDY-V-F-OOL-MOLDIC
 POR-NO VIS FLOR

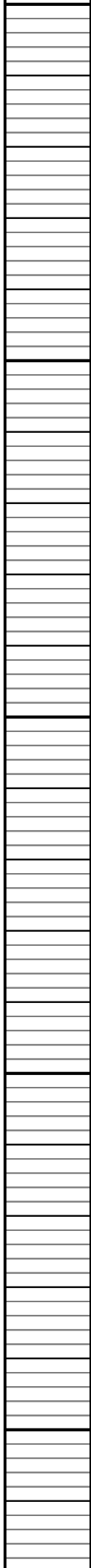
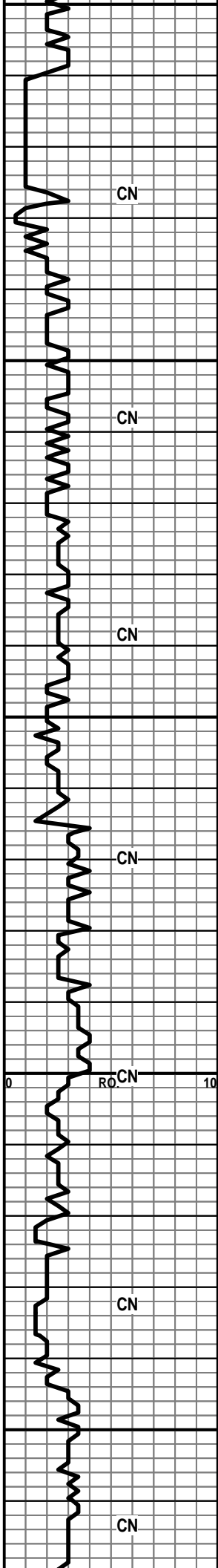
LS A.A.

LS-OFF WHT-F-XLN-FOSS FRAGS-HD-DNS

LS A.A. W/CHLK IN TRAY

3250
 LS-TN-F-XLN-TR SUCRO-FOSS-BRIT-TR SM
 VUG/INTER-XLN POR-NO VIS FLOR-NO VIS SHOW

DST #2
 3102'-3166'
 REC-15 FT MUD
 IBLW-GD BLW-BOB IN
 9 MIN
 FBLW-STRNG BLW
 BOB IN 30 SEC /GAS
 TO SURF IN 4 MIN-TOO
 WEAK TO GAUGE
 SIP-694.67-538.76
 IFP-118.33-82.19
 FFP-82.60-86.28
 HP-1533.62-1510.44



325
3300
3350
3400
3450

SH-LT GRY-BLKY-LMY

HOWARD 3287' (-1416')

LS-TN-M-XLN-SUCRO IP-BRIT-FR SM VUG POR-NO VIS FLOR-NO VIS CUT

LS-LT BRN-F-XLN-V-OOL-HD-DNS W/ FEW PC OF CHLK IN TRAY

LS-CRM-F-XLN-TR FOSS FRAGS-TR SM VUG POR-DULL WHT MIN FLOR-NO VIS CUT

LS-TN/GRY-F-XLN-BLOCKY-FOSS-SHLY IP-TR ISO FOSS VUG-DULL WHT MIN FLOR-NO VIS CUT

SH-DK GRY-RED-SPLNTY

SHALES-RED-GRN-GRY-SPNTY

3350 LS-OFF WHT-F-XLN-BLOCKY-HD-FOSS-TR SH-DNS LG PYR XLS IN TRAY

SH-DK GRY-SPLNTY

TOPEKA 3367' (-1496')

LS-TN-F-XLN-HD-FOSS-FRAGS-DNS

LS-GRY-F-XLN-HD-FOSS-SHELLS-DNS W/ SH GRY-SPLNTY AND PYR XLS IN TRAY

3400 LS-OFF WHT-V-F-GRN MATRIX-W SM FOSS FRAGS-ABUNDT SM GLAU XLS IMBD-NO VIS POR-NO VIS FLOR

LS-CRM-F-XLN-FOSS FRAGS-FR TO GD FOSS VUG POR-DULL WHT FLOR-NO VIS CUT

LS-CRM-F-XLN-FOSS FRAGS-TR FOSS VUG POR-NO VIS FLOR-NO VIS CUT

LS A.A. CHLKY

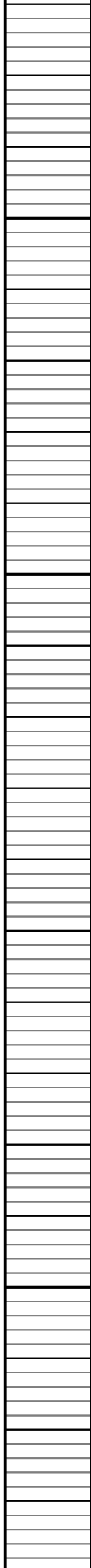
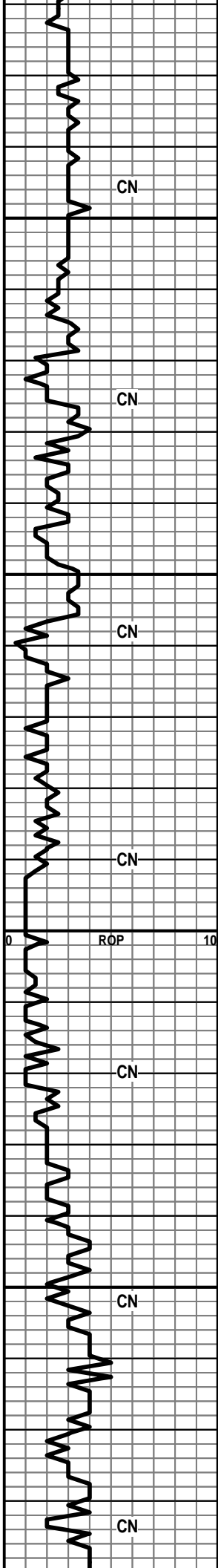
LS-CRM-F-XLN-BRIT-SNDY TEX-TR FOSS FRAGS-CHLKY-DNS

3450 LS-CRM-F-XLN-OOL-HD-DNS W/ TR DK BLK STN ON EDGE-NO VIS FLOR-NO VIS CUT

LS-CRM-F-XLN-HD-OOL-FOSS-DNS

MUD DATA @3341
WT. 9.4
VIS 51
FIL 9.2

WT. 9.4
VIS 49



LS-LT BRN-F-GRN-FOSS FRAGS-SHLY-NO VIS
FLOR-NO VIS CUT

LS-CRM-F-XLN-OOL-HD-DNS W/
CHRT-TN-OPQ-FRSH-SH-GRY-SPLNTY

3500

LS-CRM-F-XLN-OOL-FOSS-FRAGS-HD-DNS W/ SH-DK
GRY-BLKY-PYR XLS

POOR SAMPLES

3550

SH-DK GRY-SPLNTY-FOSS-SHELLS

LS-TN-M-XLN-CHLKY IP-FOSS-OOL-MOSTLY DULL
WHT MIN FLOR W/ TR SCATT YEL FLOR-NO VIS CUT
NOTE -SAMPLES ARE VERY SMALL

LS-TN-F-XLN-HD-FOSS-SHLY-DNS

3600

LS-OFF WHT-M-GRN/XLN-FOSS-TR SH-FR INTER-XLN
POR-NO VIS FLOR-NO VIS CUT-LG XLS-LT BRN
STN-NO VIS FLOR-NO VIS CUT

LS-CRM-M-CRS XLS-BRIT-FOSS-FR INTER-XLN/GRN
POR-TR DK BRN STN-NO VIS FLOR-NO VIS CUT-

LS-TN-F-XLN-OOL-FOSS-HD-SHLY-DNS

SH-GRY-FRM-LMY

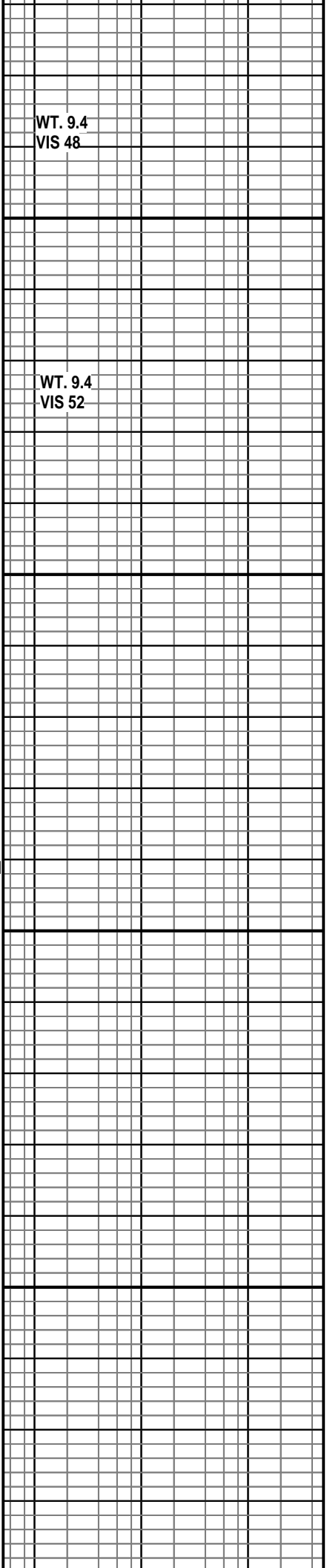
POOR SAMPLE-VERY SHLY

3650

POOR SAMPLE

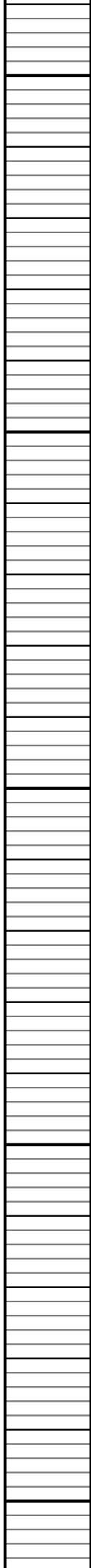
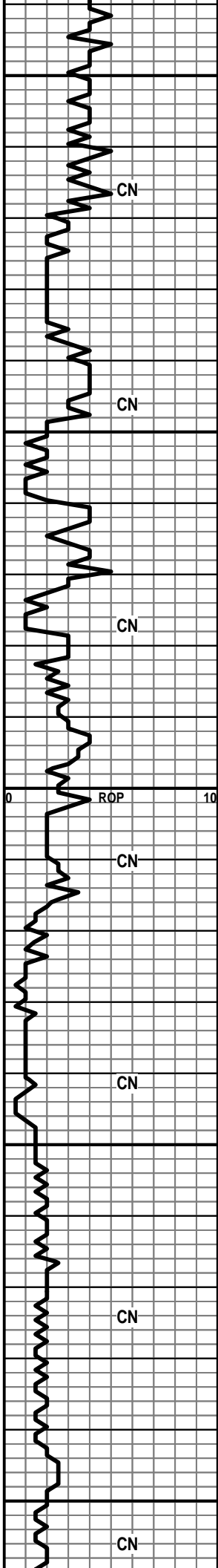
POOR SAMPLE

LS-TN-V-F-XLN-HD-TR FOSS-DN:



WT. 9.4
VIS 48

WT. 9.4
VIS 52



3700
3750
3800
3850
3900

LS-CRM-F-XLN-HD-SM FOSS FRAGS-DNS

LS-TN-F-XLN-HD-DNS

SH-GRY-SPLNTY

LS-OFF WHT-F-XLN-BRIT-CHLKY-NO VIS POR-DULL
WHT MIN FLOR

LS-OFF WHT-F-XLN-HD-FOSS-DNS

SH-DK GRY-FRM-BLKY

HEEBNER 3772' (-1901')

SH-BLK-CARB

TORONTO 3788' (-1917')

LS-OFF WHT/TN-V-F-XLN-HD-DNS -TR FOSS-SAMPLE
CHLKY IP

LS-OFF WHT-F-XLN-V-FOSS-V-SM PYR XLS-HD-DNS
W/ LS-OFF WHT-CHLKY

DOUGLAS SAND 3804' (-1933')

SH-LT GRY-SFT-V-SLTY

SS-FRSTY GRY-F-GRN-FRI-SUB RNDED TO RNDED-FR
SRTE-CALC CMT-TR HEM W/ SLTSS-FRSTY
GRY-F-GRN-SHLY-HEM

SS-FRSTY GRY-F-GRN-FRI TO TT-RNDED-WELL
SRTE-CALC CMT-HEM -PR INTER-GRN POR-NO VIS
FLOR-NO VIS CUT

SS-FRSTY WHT-F-XLN-V-TT-RNDED-WELL SRTE-TR
CALC CMT-DNS

SH-DK GRY-FRM-SLTY

SLTSS-FRSTY GRY-F-GRN-SHLY-HEM 1 PC
-SS-FRSTY WHT-F-GRN-TT-RNDED-WELL
SRTE-HEM-FR INTER-GRN-NO VIS FLOR-NO VIS CUT

SLTSS AND SS A.A.

MUD DATA @3806
WT. 9.6
VIS 48
FIL 9.6

SH-GRY- WAXY

LS-LT BRN-F-XLN-V-FOSS-SM GASTROPOD FOSS-PR TO FR FOSS VUG POR-NO VIS FLOR-NO VIS CUT

SS-FRSTY GRY-M-F-GRN-SUB-ANG-FR SRTEDE-CALC CMT-HEM -TR INTER-GRN POR-NO VIS FLOR-NO VIS CUT

BROWN LS 3951' (-2080')

3950

LS-DK BRN-F-XLN-V-FOSS-HD-DNS

LANSING/KC 3961' (-2090')

LS-DK BRN-F-XLN-FOSS-OOL-HD-DNS W/ LS-OFF WHT/BLK SPECS-F-XLN CHLKY MATRIX-BLK LG OOL-TR OOL-MOLDIC POR IP TO NO VIS POR-DULL WHT MIN FLOR-NO VIS CUT

LS-DK TN-F-XLN-HD-DNS

LS-DK BRN-F-XLN-V-FOSS-OOL-HD-DNS W/ CHLK IN TRAY

4000

LS-CRM-F-XLN-SNDY TEX-SM OOL-F-PP POR-LT BRN STN -YEL/GLD FLOR-GD FLSH CUT-STRNG ODOR

LS-OFF WHT-F-XLN-BRIT-CHLKY-DULL WHT MIN FLOR-NO VIS CUT

LS-DK BRN-F-XLN-V-SM PYR XLS IMBD-HD-DNS

LS-TN-F-XLN- CHLKY IP -BRIT-HD-DNS W/ CHLK IN TRAY

4050

SH-DK GRY-FRM-LMT-PYR XLS

MISSING SAMPLES

LS-TN-V-F-XLN-CHRXY-HD-DNS-NO VIS POR IN WET OR DRY SAMPLE

LS-CRM--F-XLN-V-FOSS-OOLSLI CHLKY-TR SM VUG/FRAC POR-NO VIS FLOR-NO VIS CUT

LS-DK GRY-F-XLN-SLI SUCRO-HD-DNS

LS-LT BRN-F-XLN-FOSS-HD-DNS W/ SH-DK GRY-SPLNTY

4100

LS-CRM-M-XLN-SLI CHLKY-FOSS FRAGS-TR INTER-XLN/VUG POR-NO VIS FLOR-NO VIS CUT

LS-DK GRY-F-XLN-TR FOSS-HD-DNS

LS-TN-F-XLN-BRIT-V-SM OOL-SM-OOL-MOLDIC POR-NO VIS FLOR-NO VIS CUT

DST #3
4004'-4016'
REC 210 FT GAS AND OIL CUT MUD
-5%GAS-15% OIL-60% MUD-20% H2O
240 FT-MUDDY
H2O-10%MUD-90% H2O
IBLW-STRNG BLW-BOB IN 1 MIN/NO BLWBK
FBLW-STRNG
BLW/BOB IN 30
SEC/GAS TO SURF IN
29 MIN/BLWBK BLT TO 6 INCHES

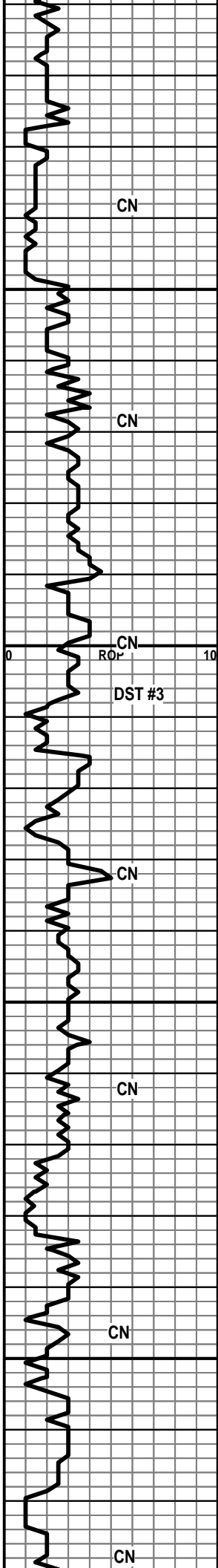
5/60/45/90
SIP-1478.97-1436.15
IFP-87.68-138.22
FFP-114.95-257.29
HP-1990.92-1977.82

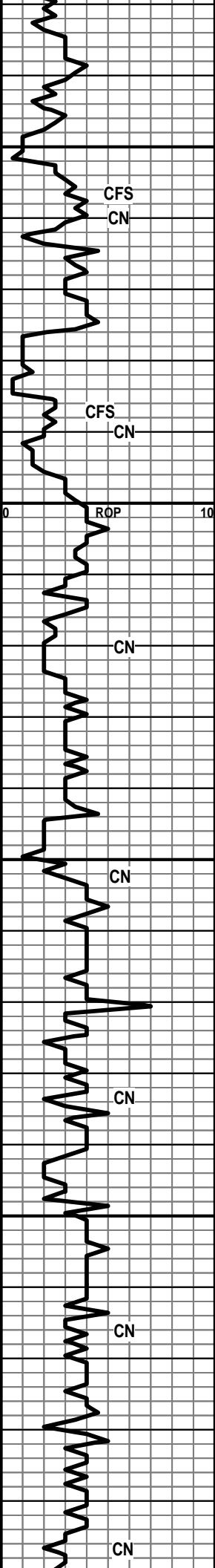
GAS RATE				
FLOW	TIME	INCHES	PSIA	MCF/D
2	30	.13	4.68	1.75
2	30	.13	7.59	2.84

MUD DATA @ 4033
WT. 9.5
VIS 56
FIL 9.6

WT. 9.4
VIS 55

WT. 9.4
VIS 52





4150 LS-DK TN-F-XLN-HD-DNS W/ CHRT-BRN-OPQ-FRSH

LS-CRM-F-XLN-SLI CHLKY-OOL-FR OOL-MOLDIC
POR-NO VIS CUT-NO VIS SHOW

LS-TN-F-XLN-HD-DNS

LS-TN-F-XLN-OOL-FR OOL-MOLDIC POR-NO VIS
SHOW

LS-CRM-F-XLN-HD-DNS

LS-TN-F-XLN-HD-DNS W/ LS-TN-F-XLN-PR TO FR
OOL-MOLDIC POR-NO VIS FLOR-NO VIS CUT W/
CHRT-TN-OPQ-FRSH

LS-TN-F-XLN-V-FOSS-OOL-CHLKY IP-FR SM VUG
POR-NO VIS FLOR TO RARE BRITE WHT FLOR-NO VIS
CUT

4200 LS-CRM-F-XLN-OOL-HD-DNS W/ TR VUG POR-NO VIS
FLOR-NO VIS CUT

LS-CRM-F-XLN-OOL-FOSS FRAGS-HD-DNS

WT. 9.4
VIS 55

LS-TN-F-XLN-BRIT-OOL-FOSS-CHLKY IP-TR SM VUG
POR-DULL WHT MIN FLOR-NO VIS CUT

SH-DK GRY-BLKY-FOSS

LS A.A. W/PYR XLS IN TRAY

LS-TN-F-XLN-BRIT-OOL-TR PR OOL-MOLDIC
POR-DULL WHT MIN FLOR-NO VIS CUT

4250 LS-TN-F-XLN-HD-DNS
SH-DK GRY-SPLNTY

LS-TN-F-XLN-HD-DNS W/ CHLK IN TRAY

LS A.A.
SH-DK GRY-SPLNTY

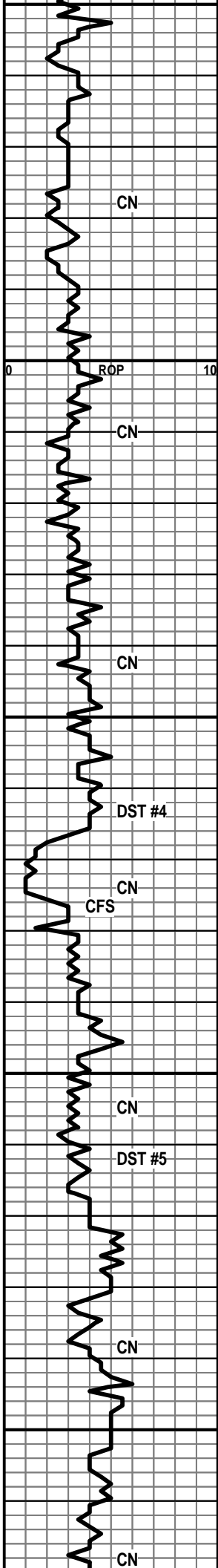
LS-CRM-F-XLN-FOSS-OOL-CHLKY-F-SM VUG
POR-DUL WHT FLOR-NO VIS CUT W/
CHRT-BRN-OPQ-FRSH

4300 LS-CRM-F-XLN-FOSS-HD-DNS W/ PYR AND CHRT IN
TRAY

POOR SAMPLE

POOR SAMPLE

50



4350
4400
4450
4500
4550

SH-DK GRY-WAXY

MARMATON 4358' (

LS-TN/GRY-F-XLN-HD TO BRIT-FOSS/SHLY-TR SM
VUG POR-DULL WHT FLOR-NO VIS CUT

LS-CRM-TO OFF WHT-F-XLN-BRIT-CHLKY-NO VIS
POR-NO VIS FLOR

LS-TN-F-XLN-HD-DNS W/ PCS OF CHLK IN TRAY

LS-TN-F-XLN-HD-DSN W/ CHRT-OFF WHT-OPQ- FRSH

LS-TN-F-XLN-HD-CHRTY-NO VIS POR-LT BRN STN
IP-SCATT YEL/GLD FLOR-NO VIS CUT ---SEVERAL PC
OF CHRT-CRM/BRN-OPQ-FRSH-LT BRN STN-YEL/GLI
FLOR-NO VIS CUT

MISS 4420' (-2549')

LS/CHRT A.A.

SHALES-GRN-GRY-RED-W/ CHRT-OFF WHT
OPQ-FRSH W/ DK BLK STN

SHALES AND CHRT A.A.

CHRT-TN-OFF WHT-OPQ-FRSH-W/LT BRN STN IP-TR
SH GRY AND RED-SEV PCS OF SS AND LS

CHRT-TN/OFF WHT-OPQ-FRSH-SOME TRIP- W/ LT
BRN STN-DULL GLD FLOR-NO VIS CUT

CHRT-OFF WHT/TN-OPQ-FRSH W/ LT BRN STN -DULL
GLD FLOR-SEV PCS OF SS-FRSTY
WHT-F-GRN-TT-BLOCKY-RNDED-WELL
SRTEG-GLAU-NO SHOW

LS-OFF WHT-F-XLN-HD-DNS W/ CHRT-OFF
WHT-OPQ-FRSH

SHALES AND CHRT-OFF WHT-OPQ-FRSH -FEW PCS
WITH LT BRN STN

SHALES AND CHRT A.A.

SH AND CHRT-VARIG-FRSH-FRAC-LT BRN STN-FREE
OIL/SOME TRIP CHRT-OFF WHT-FR PP POR-LT BRN
STN

SS-GRY-F-GRN-TT-RND-WELL SRTEG-CLAY
MATRIX-NO VIS POR

LS-LT BRN-V-F-GRN-SUCRO-PR PP POR-YEL/GLD
FLOR-GD FLSH CUT-GD ODOR

DOLO/LS-OFF WHT-F-GRN-SNDY TEX-PR PP
POR-DULL WHT FLOR-3 PC LT FLSH CUT-W/
CHRT-OFF WHT-OPQ-FRSH-W/ LT BRN STN

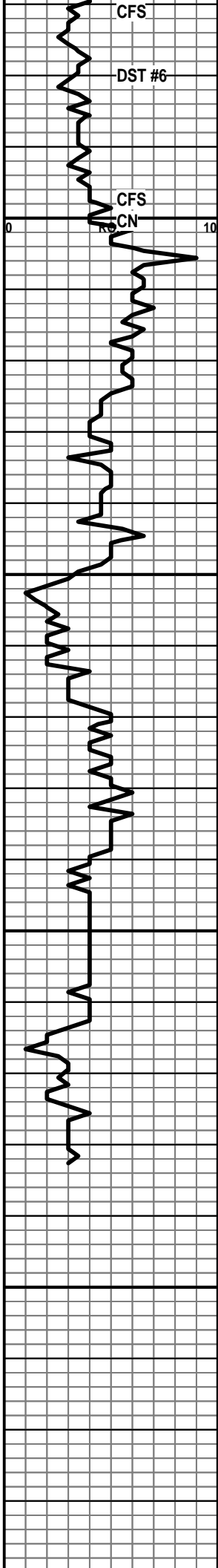
MUD DATA @ 4377'
WT. 9.8
VIS 61
FIL 10.0

DST #4
4460'-4479'
REC-780' GIP AND 15'
MUD
IBLW-FR BLW-BOB IN
29 MIN
FBLW-FR BLW-BLT
BOB IN 42 MIN
30/60/45/90
SIP-248.97-363.12
IFP-82.07-85.08
FFP-73.29-86.46
HP-2226.2-2181.7

MUD DATA @ 4479'
WT. 9.4
VIS 54
FIL 8.8
LCM #2

WT. 9.3
VIS 64

DST #5
REC 15' MUD
4485'-4570'
IBLW-WK BLW BLT TO
3 INCHES
FBLW-NO BLW
30/60/15/60
SIP-162.4-149.1
IFP-101.71-113.07
FFP-126.24-128.41
HP-2256.37-2217.64



SS-FRSTY CLR-M-GRN-TT-ANG TO SUB-ANG-PR
 SRTED-CALC CMT-SHLY-HEM-PYR IMBD IP-W/
 SH-BLU-WAXY-SNDY

SHALES-BLU-W/ CHRT-OFF WHT-OPQ-FRSH-DOLO
 A.A.

4600 DOLO-OFF WHT-F-GRN-SNDY TEX-FR TO PR PP
 POR-LT BRN STN-DULL YEL FLOR-GD FLSH CUT W/
 CHRT-OOF WHT-OPQ- FRSH TO TRIP-LT BRN STN

SH-BLU-SFT-SLTY

SIMPSON SD 4645'

4650 SS-CLR-M-GRN-TT-SUB-ANG TO RND-FR
 SRTED-CALC CMT-HEM AND SH-LT BRN STN-SCATT
 GLD FLOR-GD FLSH CUT WHEN CRSHED

4700

4750

MUD DATA @ 4570'
 WT. 9.3
 VIS 66
 FIL 9.2
 LCM #3

DST #6
 4572'-4633'
 REC 5 FT MUD
 TBLW-WK BLW-BLW
 BLT TO 1 INCH
 FBLW-NO BLW
 15/30/15/60
 SIP-117.03-131.16
 IFP-77.89-84.67
 FFP-94.43-99.35
 HP-2255.27-2209.55

MUD DATA @ 4644'
 WT. 9.3
 VIS 56
 FIL 9.2
 LCM #2



BASIC
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PRESSURE PUMPING & WIRELINE

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Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 04975 A

13-305-14W

DATE _____ TICKET NO. _____

DATE OF JOB	1-16-12	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	Lentner "A"				WELL NO.	1-13
ADDRESS				COUNTY	Barber		STATE	Kansas		
CITY	STATE			SERVICE CREW	C. Messicht; M. Mattal; J. McCastry; D. Phye					
AUTHORIZED BY				JOB TYPE	C.N.W. - Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	1-16-12	DATE	AM	TIME
37,216	1					ARRIVED AT JOB			AM	5:00
19,903-19,905	1					START OPERATION			AM	9:30
19,960-19,918	1					FINISH OPERATION			AM	10:30
						RELEASED	1-16-12		AM	11:00
						MILES FROM STATION TO WELL				20

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
P CP 105	AA2 Blend Cement	sk	185		
P CP 103	60/40 Poz Blend Cement	sk	75		
P CC 102	Cellflatre	Lb	47		
P CC 105	Defoamer	Lb	44		
P CC 111	Salt (Fine)	Lb	829		
P CC 115	Gas Blok	Lb	174		
P CC 129	FLA-322	Lb	174		
P CC 201	Gilsonite	Lb	2,225		
P CF 607	Latch Down Plug and Baffle, 5 1/2"	ea	1		
P CF 1251	Auto Fill Float Shoe, 5 1/2"	ea	1		
P CF 1651	Turbolizer, 5 1/2"	ea	8		
P CF 1901	Basket, 5 1/2"	ea	1		
P CF 2002	Rotating Scratchers	ea	20		
D CC 154	Super Flush	Gal	500		

CHEMICAL / ACID DATA:			

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

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

FIELD SERVICE ORDER NO.



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FIELD SERVICE TICKET

1718 05776 A

Continuation

13-305-14W

DATE TICKET NO. 4,975

DATE OF JOB	1-16-12	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	Lentner "A"			WELL NO. 1-13	
ADDRESS				COUNTY	Barber			STATE Kansas	
CITY	STATE			SERVICE CREW	C. Messick: M. Mattal: J. McCasrey: D. Phye				
AUTHORIZED BY				JOB TYPE	C. U. W. - Longstring				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
						ARRIVED AT JOB		PM	
						START OPERATION		PM	
						FINISH OPERATION		PM	
						RELEASED		PM	
						MILES FROM STATION TO WELL			

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E 100	Pickup Mileage	mi	20		
E 101	Heavy Equipment Mileage	mi	40		
E 113	Bulk Delivery	tm	239		
⁰⁵ CE 240	Cement Pump: 4,000 Feet To 5,000 Feet	hrs	4		
CE 240	Blending and Mixing Service	sk	260		
CE 501	Rotating Head	Job	1		
CE 504	Plug Container	Job	1		
S 003	Service Supervisor	hrs	8		

CHEMICAL / ACID DATA:			

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

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

Customer: F.G. Holl Company, LLC Lease No. _____ Date: 1-16-12
 Lease: Lentner "A" Well # 1-13
 Field Order # 4975 Station Pratt, Kansas Casing 5 1/2" Depth 4,900' County Barber State Kansas
 Type Job C.N.W. - Longstring Formation _____ Legal Description 13-305-14W

PIPE DATA		PERFORATING DATA		TOOLS USED		TREATMENT RESUME	
Casing Size 5 1/2"	Tubing Size 5" Lb./Ft.	Shots/Ft 25 sac	25 sac	60/40 Poz	Rate for scavenger	Press 258 De	ISIP 10 Min.
Depth 4,900'	Depth 4,900'	From 185	gaccks AA-2 with 18F	15 Lb./Gal.	5.37 Gal./stk.	1.43 C	15 Min. T./stk
Volume 116.6 Bbl.	Volume 116.6 Bbl.	From 1085	act., 25 Lb./stk. cellflute,	30 Lb./stk.	and Mouse (20	5 sac	Annulus Pressure
Max Press 1600 P.S.I.	Max Press 1600 P.S.I.	From _____	To _____	15 Lb./Gal.	5.37 Gal./stk.	1.43 C	Annulus Pressure
Well Connection 1 1/2" Cont.	Annulus Vol. 1 1/2" Cont.	From 50	saccks 60/40 Poz to plug Rat	30 Lb./stk.	and Mouse (20	5 sac	Annulus Pressure
Plug Depth 4,886'	Packer Depth 4,886'	From _____	To _____	Flush 116.3 Bbl.	Fresh Water		Total Load

Customer Representative: Rob Long Station Manager: David Scott Treater: Clarence R. Messick

Service Units	37,216	19,903	19,905	19,960	19,918				
Driver Names	Messick	Mattal	Phye	McCasky					

Time	P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00						Cement and Float Equipment on location.
5:00						Duke Drilling start to run Auto Fill Float Shoe, Shoe Joint with Latch Down. Baffle screwed into collar and a total of 117 Joints new 15.5 Lb./Ft. 5 1/2" csg. in well . A Basket was installed above collar #6. A Turbolizer was installed on collars # 4, 5, 6, 7, 21, 22, 23 and # 24.
7:20						5:30 Trucks on location. Casing in well. Circulate and Rotate for 2 hours.
9:20		3,000				Shut in well. Pressure Test. Open Well.
9:25		300		20	6	Start Fresh Water Pre-Flush.
				32	5	start Super Flush.
				35	5	start Fresh Water spacer.
		300		40 87	5	start mixing 25 saccks 60/40 Poz cement.
9:37		-0-		87		start mixing 185 saccks AA-2 cement.
						stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well.
9:42		100		87	6.5	Start Fresh water Displacement.
					5	Start to lift cement.
10:00		700		116.3		Plug down.
		1,600				Pressure up.
						Release pressure. Float Shoe held.
		-0-		7-5	3	Plug Rat and Mouse holes.
						Wash up pump truck.
11:00						Job Complete.



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Phone 620-672-1201

FIELD SERVICE TICKET
1718 05914 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>3-9-12</u> DISTRICT <u>Pratt</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. B. Hull</u>		LEASE <u>Lenker A</u> WELL NO. <u>173</u>							
ADDRESS		COUNTY <u>Barber</u> STATE <u>KS</u>							
CITY STATE		SERVICE CREW <u>Orlando, Mitchell, Young</u>							
AUTHORIZED BY		JOB TYPE: <u>CNW - Squeeze Pack</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
<u>27283</u>	<u>1 1/2</u>						<u>3-9-12</u>		<u>8:30</u>
<u>27463</u>	<u>1 1/2</u>					ARRIVED AT JOB		AM/PM	<u>1:00</u>
<u>19832-21010</u>	<u>1 1/2</u>					START OPERATION		AM/PM	<u>1:00</u>
						FINISH OPERATION		AM/PM	<u>2:30</u>
						RELEASED		AM/PM	<u>3:00</u>
						MILES FROM STATION TO WELL			<u>20</u>

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<u>CP100C</u>	<u>Common</u>	<u>sq</u>	<u>25</u>		
<u>UC102</u>	<u>DEFORMER</u>	<u>lb</u>	<u>6</u>		
<u>UC112</u>	<u>UFR</u>	<u>lb</u>	<u>12</u>		
<u>UC129</u>	<u>FLA 322</u>	<u>lb</u>	<u>12</u>		
<u>E100</u>	<u>Truck Miles</u>	<u>mi</u>	<u>20</u>		
<u>E101</u>	<u>Heavy Equipment Miles</u>	<u>mi</u>	<u>40</u>		
<u>E113</u>	<u>Blk Delivery</u>	<u>TR</u>	<u>24</u>		
<u>CE205</u>	<u>Depth Charge 1001-5000</u>	<u>ea</u>	<u>1</u>		
<u>CE240</u>	<u>Blending & Mixing Charge</u>	<u>sq</u>	<u>25</u>		
<u>S003</u>	<u>Service Supervisor</u>	<u>PA</u>	<u>1</u>		

CHEMICAL / ACID DATA:			

SUB TOTAL	
<u>DLS</u>	
SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

Customer F.C. Hull		Lease No.		Date 3-9-17	
Lease Leakoff		Well # A1-13			
Field Order # 5714	Station Pratt	Casing 3 1/2"	Depth	County Barber	State KS
Type Job CNW Services Super pump			Formation	Legal Description 13-30-17	

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 Rub...	Station Manager ...	Treater Steve...
---------------------------------------	----------------------------	-------------------------

Service Units	Driver Names
---------------	--------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00					Get location - 300 ft. Marking
					Packer Set - 21506
11:00			0		Start 117.5 gal/min Tubing
			6		Level 2
	1800		8	1/2	Injection starts
	1700		0.5	1/2	Mid 2500s. Comm 21512
			30		Start Down - 6000 pump
	1000		0	1	Start 117.5 gal/min
	1500		2.3	1	Check Tubing
	2700		271	1/4	Pre and up to 2700
	2700		271		Start Down - 6000 pump
					Check Tubing
					Mid 2500s.
			12	3	Pump 12 mbe. Check
					Pre pump up to 2700
	500		6	3	Start 117.5 gal/min
	500		28	3	Current 117.5 gal/min
	500		31	3	(117.5 gal/min) 1/4 hhr
2:15	500		50	3	Pump 12 mbe. Check
					Job complete. Thanks Steve