KOLAR Document ID: 1473139

Confiden	tiality Requested
Yes	No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION Form ACO-1 January 2018 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	S. R East 🗌 West
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:	+ Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	
Designate Type of Completion:	Lease Name: Well #:
	Vorkover
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
OG GSW GSW CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	
Well Name:	
Original Comp. Date: Original Total De	
	Conv. to SWD Drilling Fluid Management Plan Conv. to Producer (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:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
1	exampletion Date or 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 Drill Stem Tests Received	
Geologist Report / Mud Logs Received	
UIC Distribution	
Confidentiality Requested Date: Confidential Release Date: Wireline Log Received Geologist Report / Mud Logs Received	

KOLAR Document ID: 1473139

Operator Name:	Lease Name: Well #:	_
Sec Twp S. R East 🗌 West	County:	

Page Two

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 (Attach Additional Sh	acate)	Y	′es 🗌 No		Log Formation (Top), Depth and Datum						
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum		
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No								
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.				
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD					
Purpose: Depth Perforate Protect Cooing		Туре	e of Cement	# Sacks Use	s Used		Type and	Percent Additives			
Protect Casing Plug Back TD Plug Off Zone											
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three			
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity		
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom		
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	nit ACO-4)	юр	Bollom		
			Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)			
TUBING RECORD:	Size:	Set At:		Packer At:							

Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	HUXMAN 1
Doc ID	1473139

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	265	60/40	200	see ticket

		ervic	<u> </u>	Lease No.				Date			REPORT
		Praring	<u>s</u>	Well # /	•		<u> </u>	-)	1/1	21/20	115
	Station	Dra			Car	sing Sk I	Depth 7/5		mcPh		State JCS
vpe Job	2421	P1470	Fiks SULF		a l'		1 0 j	272	<u> </u>		9-215-12
				1		LID USED				T RESUME	
	E DATA Tubing Siz			DAIA	Acid		· · · ·		PRESS		
oth 269				<u> </u>	Pre Pad	<u> </u>	Max			5 Min.	
ume 17	Volume	From		!	Pad	· · · ·	Min	<u> </u>	· · · ·	10 Min.	
x Press	Max Press	From	To		Frac		Avg	<u> </u>	· · · · · · · · · · · · · · · · · · ·	15 Min.	
	on Annulus V	/ol		<u></u>			HHP Üse	ed		Annulus Pre	essure
Beging	Packer De	Enth From	To	<u> </u>	Flush 1	<u></u>	Gas Voli		<u> </u>	Total Load	
T	presentative	From	DIT	Station	1 1 10/	Ster_	Westerns	Treater	nor	in Frai	- 1-1-
*	925/1	AT1/En 78982	19843	1994	6 210	Vorn	Wes KITTS	<u>^</u>		<u>/////////////////////////////////////</u>	<u>Ticiin</u>
vice Units ver	Davin	Biers	Bierr		ito Pro						
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	DRILL STEM TES		ORT					
RILOBITE	Woolsey Operating Co		19-21S-1W McPherson					
ESTING , INC	125 N Market Ste 1000		Huxi	man 1				
	Wichita, KS 67202		Job Ti	icket: 659	09	DST#	ŧ:1	
	ATTN: Bill Klaver		Test S	Start: 201	9.09.19 @	22:31:00		
GENERAL INFORMATION:								
Formation:HuntonDeviated:NoWhipstock:Time Tool Opened:01:03:32Time Test Ended:05:47:02	ft (KB)		Test T Teste Unit N	r: Le	onventional eal Cason 1	Bottom H	lole (Initial)	
Interval:3366.00 ft (KB) To33Total Depth:3385.00 ft (KB) (TVHole Diameter:7.88 inchesHole			Refer	ence ⊟ev KB to	ations: GR/CF:	1487.0	00 ft (KB) 00 ft (CF) 00 ft	
Serial #: 8672InsidePress@RunDepth:31.10 psigStart Date:2019.09.19Start Time:22:31:01TEST COMMENT:IF: Weak Blow, BISI: No Blow BackFF: No BlowFSI: No Blow Back	End Date: End Time: uilt to 1/2 inch, Died Off to Surface	2019.09.20 05:47:02 e Blow	Capacity: Last Calib.: Time On Bt Time Off B	:m: 20	2 019.09.20 @ 019.09.20 @	-	7	
Pressure vs. Ti	те		PRF	SSUR				
1750	8672 Temperature	Time	Pressure	Temp	Annotation			
1000	- 110	(Min.) 0		(deg F) 110.35	nitial Hydro	-static		
		1			Open To Flo	ow (1)		
		33 93			Shut-In(1) End Shut-In	(1)		
		94			Open To Flo	ow (2)		
		128 188			Shut-In(2) End Shut-In	(2)		
sp 2979 Time (Haus)	аланцар ал	189			Final Hydro	static		
Recovery				Gas	Rates			
Length (ft) Description	Volume (bbl)			Choke (inc	hes) Pressure	e (psig)	Gas Rate (MMcf/d)	
5.00 Mud	0.02							

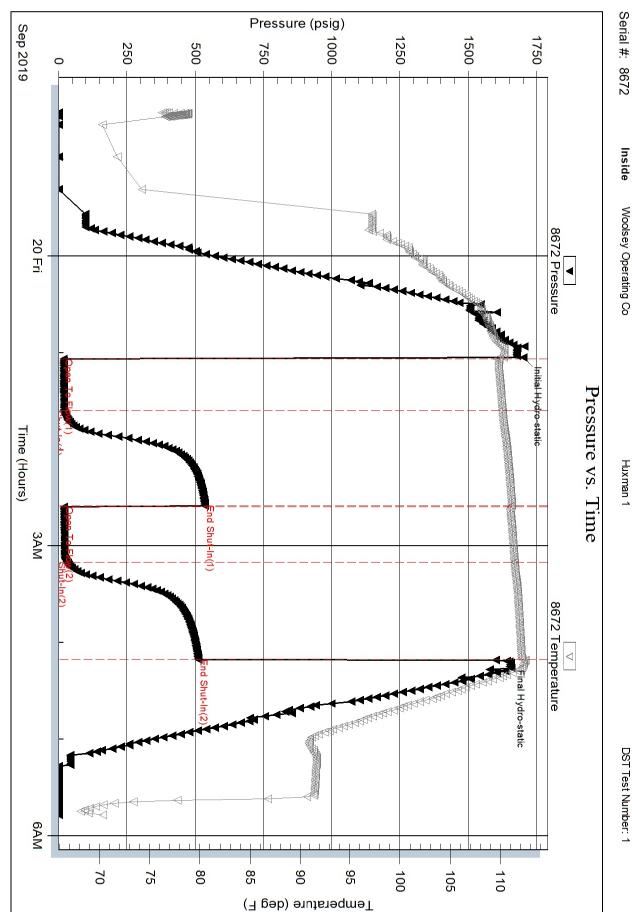
	DRILL STEM TES		ORT						
RILOBITE	Woolsey Operating Co		19-21S-1W McPherson						
ESTING , INC	125 N Market Ste 1000		Huxman	1					
	Wichita, KS 67202		Job Ticket:	65909	DST#: 1				
	ATTN: Bill Klaver		Test Start:	2019.09.19 @) 22:31:00				
GENERAL INFORMATION:									
Formation:HuntonDeviated:NoWhipstock:Time Tool Opened:01:03:32Time Test Ended:05:47:02	ft (KB)		Test Type: Tester: Unit No:	Conventiona Leal Cason 74	al Bottom Hole (I nitial)				
Interval:3366.00 ft (KB) To33Total Depth:3385.00 ft (KB) (TVHole Diameter:7.88 inchesHole			Reference K	Elevations: B to GR/CF:	1500.00 ft (KB) 1487.00 ft (CF) 13.00 ft				
Serial #: 6751OutsidePress@RunDepth:psigStart Date:2019.09.19Start Time:22:31:01	@ 3367.00 ft (KB) End Date: End Time:	2019.09.20 05:47:02	Capacity: Last Calib.: Time On Btm: Time Off Btm:		psig 2019.09.20				
ISI: No Blow Bacl FF: No Blow FSI: No Blow Bac Pressure vs. Ti	k	1	PRESS	URE SUMM	ARY				
1750	6751 Temperature	Time	Pressure Tem						
90 90 90 90 90 90 90 90 90 90			(psig) (deg	F)					
Recovery				Gas Rates					
Length (ft) Description	Volume (bbl)		Cho	ke (inches) Pressu	ure (psig) Gas Rate (MMcf/d)				
5.00 Mud	0.02								
	 			ad: 2019 09 20					

	סודר	DRI	LL ST	EM TEST F	REPORT	-		FLUID S	UMMARY
RILOI		Woolse	ey Operati	ng Co		19-21S-1W	/ McPherson	n	
I ES	ESTING , INC		<i>v</i> larket Ste , KS 6720			Huxman ⁴ Job Ticket: 6		DST#:1	
		ATTN:	Bill Klave	er			2019.09.19 @ 2		
Mud and Cushion In	formation								
Mud Type: Gel Chem Mud Weight: 10.00 Viscosity: 44.00 Water Loss: 9.59 Resistivity: Salinity: 1500.00	lb/gal sec/qt in³ ohm.m		C C G	aushion Type: Aushion Length: Aushion Volume: Gas Cushion Type: Gas Cushion Pressure	:	ft bbl psig	Oil API: Water Salinity:		deg A PI ppm
Recovery Informatio	n								
			R	Recovery Table			7		
	Lengt ft			Description		Vo l ume bbl			
- -	otal Length:	5.00	Mud .00 ft	Total Volume:	0.025 bbl	0.025	5		
	aboratory Nan ecovery Com			Laboratory Location	n:				

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Ref. No: 65909





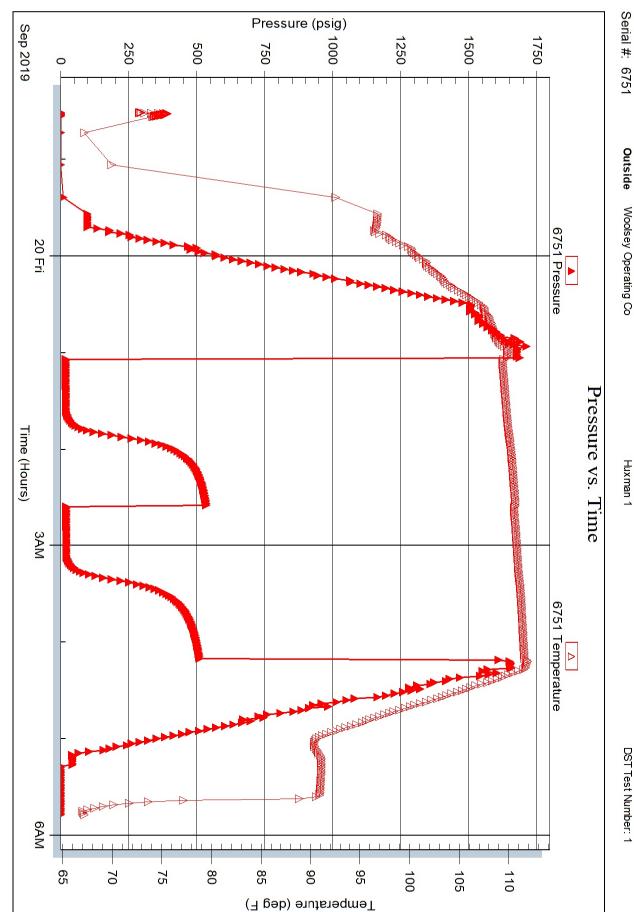
DST Test Number: 1

Serial #: 8672 Inside

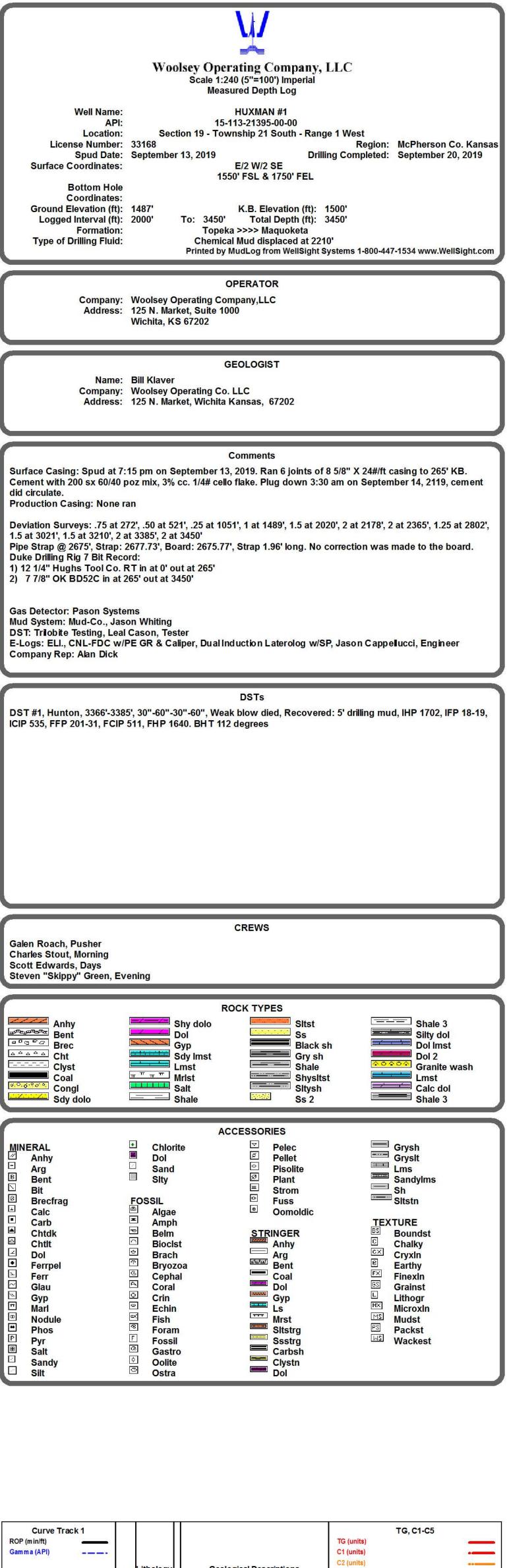
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Ref. No: 65909





Huxman 1



Gamma (API)	Depth	Lithology	Oil Shows	Geological Descriptions	C2 C3 C4	(units) (units) (units) (units) (units)						
0 ROP (min/ft) 10 Gamma (API) 150	4				0			TG				200
	1710			Woolsey Operationg Company LLC Huxman #1		heck	Depth		Vis. 29	_WIN/C	Chl. 5800	
Bill Klaver	1720			1550' FSL & 1750' FEL E/2 W/2 SE Sec 19 - Twp 21 South - Rge 1 West		#4 #5 #6	2081' 2620' 2923'	9.6 9.3 9.2	29 55 53	N/C 8.8 8.8	4700 1400 1100	
Geologist	1730			McPherson County, Kansas Field: WC/Winsinger API # 15-113-21395-00-00		#7	3268'3390'	9.6 9.4 Scale Cha		9.6 8.8	_1500 _1400	
	1740			GL 1487' KB 1500' ———————————————————————————————————	0	2		TG	mite			100
	012000			feet to rotary total depth. 10 foot drilling samples were roughneck collected from 2300 feet to rotary total depth. All samples were requested by				2	2			
	1750			and delivered to the Survey at the completion of the test.			Σ					
2 S	1760			The following tests were used for structural								
	1770			comparison during drilling of the Huxman 1. Conoco's 1 H Meyer, NE SE, 19-21S-1W. Carlock's 1 Meyer, E/2 SE SW, 19-21S-1W.		5						
	1780			Carlock's 2 Meyer, SE SE SE, 19-21S-1W.								
2	1790			7 am Daily Progress. September 13, 2019 MIRT September 14, 2019 WOC		2						
0 ROP (min/ft) 10	800			September 15, 2019 WOC September 15, 2019 Drilling at 1110' September 16, 2019 Drilling at 2020' September 17, 2019 Drilling at 2617'	0	2		TG				100
0 Gami _C (API) 150	1810			September 18, 2019 Drilling at 2911' September 19, 2019 Drilling at 3256'		5						
22	1310			September 20, 2019 DST #1 at 3385' Logging by 3:30 pm		Į						

E-log Tops: Heebner 2132 (-632) Toronto 2158 (-658)

Douglas Group 2162 (-662) Upper Ireland Sand 2179 (-679) Lansing 2343 (-1143)

Stark Shale 4637 (-1137) Swope 2643 (-1143)

Hertha 2694 (-1194)

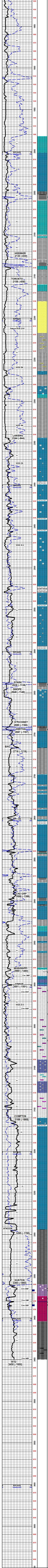
Osage 3022 (-1522) Compton 3169 (-1669) Kinderhook 3295 (-1795)

Hushpuckney Shale 2689 (-1189)

Base Kansas City 2716 (-1216) Pawnee 2809 (-1309) Cherokee Group 2869 (-1309)

Mississippi Detrital 2983 (-1483) Spergen 2993 (-1493) Warsaw 3001 (-1501)

Hunton Group 3360 (-1860) Maquoketa 3415 (-1915) LTD 3450 (-1950)



Ist buff gry tan f xin blky ang pcs, tr sub chiky foss frags, foss ool, calc xin fill shis gry bik, mstly bik, ist tan buff tr it gry f xin blky ang dns hrd foss frags, foss ool, calc xin fill, chrt tan ist crm buff tan f xin biky ang dns hrd foss frags, micro foss frags calc fill

Ist tan buff It gry f sin blky ang dns hrd, micro foss frags, chrt wht tan Ist buff tan it gry f vf xin dns hrd biky ang pcs, foss frags, tr sub chiky, tr calc xin fill, tr ool

Ist buff tan It gry f vf xin dns hrd biky ang micro foss frags, micro ool, inter xin fill, chrt aa

Ist buff tan f vf xin dns hrd blky ang, tr sub chlky, foss frags, micro foss frags, chrt wht It gry shrp frsh opaq

Ist gry tan gry/buff f xin dns hrd blky ang hrd, micro foss frags, ist tan buff trit gry f vf xin dns hrd blky ang, foss frags, micro ool, tr sub chlky, calc xin fill

shi gry med drk gry soft tr silty, spis still wsh med/drk gry much gry shis, ist tan buff tr gry/brn f vf xin dn shrd blky ang foss frags, tr foss ool, inter xin fill

shi gry med drk gry soft silty spis wsh drk gry

shi gry drk gry med gry soft silty spis wsh drk gry

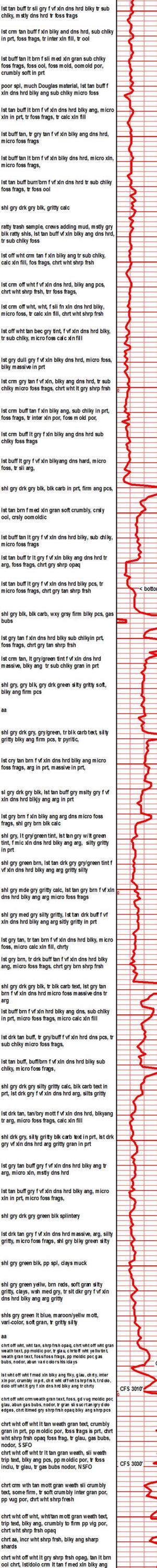
shi gry med gry bik soft

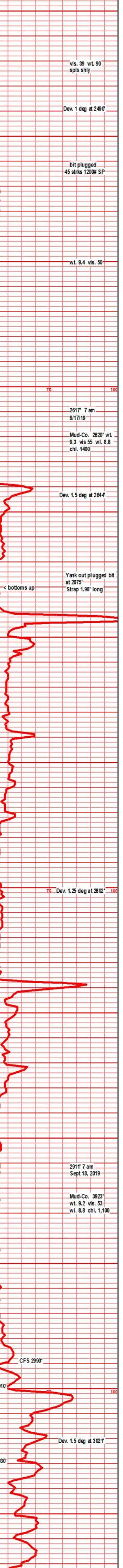
grritty sucr text

Ist crm buff tan f xin biky ang sub chiky micro foss frags, Ist crm buff tan f xin blky ang dns sub chiky foss frags, foss ool, oom old inter xin por, sndy

shl gry med gry silty sndy gritty

Dev. 1.5 deg at 2020 Trusty Geo on location 2020', 10 am Monday 9/16/2019 Dev. 2 deg at 2178 New drilling fluid coming around Displace Mud 2210' wt. 8.7 vis. 47. Dev 2 deg at 2362'





chrt wht off wht frsh shrp, tr with gran weath text edges, foss ool chrt, Ist/dolo tan off wht f med xin blky ang pce, inter xin por, foss mold por.

dns tr foss ool chrty

chrt wht tan shrp frsh blky opaq pcs, lst/dolo tan f xin dns hrd biky ang chrty, tr foss frags, tr wht opaq chrt w/weath gran trip text edges

dolo tan it yeliw brn vf xin fniy sucr text, biky ang hrd granular, chrt wht tan shrp frsh opaq,

blky ang shrdss chrt wht tan off wht shrp frsh blky ang pcs, sem i opag, tr transl,

dolo wht crm f vf xln gran tr sli sucr blky ang chrty pcs, chrt wht off wht It gry shrp frsh opaq

chrt wht tan frsh shrp opaq, blky ang shards, dolo/lst crm tan f xln gran w/wht frsh chrt inclu

chrt wht tan off wht gran weath text, wht shrp

frsh opaq, dolo wht tan f xin gran soft tr w/wht frhs chrt inclu aa, mstly chrt wht tan It gry shrp frsh blky ang

shrp shards chrt wht it gry shrp frsh, ist tan crm f vf xin dns

hrd blky pcs, tr micro foss frags,

Ist aa poor sample, Ist tan crm f vf xin biky ang hrd dns micro foss frags

tan crm f slimed xin blky ang m stly dns,

massive, toss frags,

Ist crm tan tr It brn f xli med xln, mstly hrd dns, foss frags,

Ist tan crm drk tan f/sli med sxin blky ang dns hrd, calc xin fill, foss frags, micro foss frags,

Dev. 1.5 deg at 3210

3256' 7 am

Sept. 19, 2019-

Mud-Co. 3268'

wt. 9.6 vis. 44 wl. 9.6 chl. 1500

DST #1 Hunton-

3366'-3385'

30"-60"-30"-60"

Wk blow died

Rec: 5' Mud

IHP 1702

IFP 18-19

ICIP 535

FFP 20-31

FCIP 511

FHP 1640

BHT 112

3385' 7 am

Sept 20, 2019-

Mud-Co. 3390'

wt. 9.4 vis. 54 100

wl. 8.8 chl. 1,400

Dev 2 deg at 3385'

mstly dns Ist crm tan tan/brn f sli m ed lxn blky ang dns

hrd, foss frags, micro foss frags, tr calc xIn fill,

shales

ratty

all

poor

samples

Mix/Add Mud

<<

CFS 3365'

CFS 3385'

CFS 3385'

CFS 3450'

tr chlky edge

Ist crm tan off wht f sli med xin blky ang hrd dns massive, micro foss frags, spls going south--trash

sam ples poor, all ratty shis, ist wht off wht tan f med xin blky ang dns massive, micro foss frags

same

no change

ditto

Ist tan off wht drk crm f sli med xin dns hrd blky dns pcs, micro xln tr micro foss, foss frasgs, chrt wht shrp opaq

Ist off wht tan f vf xin dns hrd blky ang, micro xIn fill, micro foss frags,, inter xIn por, tr

crumbly soft shi drk gry blk, gritty, silty, fnly sndy in prt, gas

bubs on brk, spores

shl gry It gry tr gyr/geen tint, silty soft

shl gry med gry silty gritty, vry fnly sndy in prt, gas bubs on brk

shl gry, dull gry, blk, silty gritty

shi gry drk gry tr gry brn blk, silty gritty, vry fnly sndy, spores

shi gry it gry green, gry/blk, soft silty tr spores

dolo/lstwhtfmedxin,bikygrancrumblypcs,sndyw/cir

rded snd grn inclu, tr glau, gd inter xin por, tr ga sb ub s

dolo/ist tan wht f sli med xin blky ang dns,trcrumbly, tr

sndy text gd inter xin por, tr gla u, g as bu bs, film y tra nsi

dolo crm off wht f sli med xin blky ang pcs, soft crumbly

in prt, sndy text, gd inter xin por, tr glau, trg ry sh rp frsh chrt widolo edge, gas bubs, lite filmy transl SFO on bas

dolo off wht it gry f xin gran sucr text, tr soft crumbly,

3400' spi dolo gry bm f sli med xin biky ang pcs, tr sli

dolo aa, dolo gry med gry vf xin gran dns hrd

dolo gry drk dull gry f xin gran gritty silty, blky

dolo gry drk dull gry f xin silty, gritty, arg, shi

shl gry med fkr gry silty gritty, dolo in prt, f xln

shl gry drk gry tr blk/red, silty gritty soft, tr sndy

shl gry med drk gry silty gritty spls wsh drk gry,

gritty carb text, spls wsh drk gry, gas bubs

Woolsey Operating Company LLC

Huxman #1 1550' FSL & 1750' FEL E/2 W/2 SE Sec. 19 - Twp 21 South - Rge 1 West

McPherson County, Kansas Field: WC/Winsinger API # 15-113-21395-00-00

GL 1487' KB 1500'

tr reddish blk carb text aa, sndy gritty

gry drk gry soft gritty, spls wsh drk gry

sucrtext, gran text, tr silty arg, gritty ,

ang arg, silty gritty in prt

ang hrd pcs, tr crum bly, arg

inter x In fair vug por, Ittan stain, ga s b ub s, b lee din g o il & gas on brk, fair o dor, ba ck up hand reported od or

SFO on gas bub brk

bub brk, nodor

catching sample!

dns silty gritty