KOLAR Document ID: 1602469

Confidentiality 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:	SecTwpS. R □East □ West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
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:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	Leading of field Paragraph Charles and Market
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Canad Date on Date Decembed TD Completing Date on	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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								
ALT I II Approved by: Date:								

KOLAR Document ID: 1602469

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used Type and Percent Additives				
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion						
Operator	Jody Oil & Gas Corporation						
Well Name	JACK 5						
Doc ID	1602469						

All Electric Logs Run

Dual Induction
Micor Log
Density
Bond Log

Form	ACO1 - Well Completion						
Operator	Jody Oil & Gas Corporation						
Well Name	JACK 5						
Doc ID	1602469						

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	23	253	60/40 Poz	175	3%сс
Production	7.875	5.5	14	4779	60/40&Cla ssH		10% Salt,5#Kol seal



Customer	JODY OIL & GAS	CORP	Lease & Well #	INCK #E	~			E CONTRACTOR		
Service District					days			Date		9-25021
Job Type	SURFACE PIPE	☑ PROD	County & State		Legals S/T/R	19-318		Job#		
STREET, STREET	electric weeksed	L PROD	נאו 🗆	□ SWD	New Well?	☑ YES	□ No	Ticket#		WP 1912
Equipment#	Driver	L			nalysis - A Discus			ocedures		
179-521	MARTINEZ	☐ Hard hat		☐ Gloves		☐ Lockout/Tag		□ Warning Sign		F.
182-256		☐ H2S Monitor		☑ Eye Protection		☐ Required Pe		☐ Fall Protection		
102-250	BRYAN W.	☑ Safety Footwe ☑ FRC/Protective		Respiratory Pro		□ Slip/Trip/Fall		☑ Specific Job S		
		☐ Hearing Prote		☐ Additional Chen		□ Overhead Ha		☑ Muster Point,	'Medical Loca	ations
		- ricaring rrote	Cuon	☐ Fire Extinguishe			oncems or iss	sues noted below		
						nments JRFACE PIF)E		-	
		1			0 3/0 30	TREACE PIP	~ E			
Product/ Service			1 10 10 10 10 10 10 10 10 10 10 10 10 10			grand the following	On Name in			
Code		Desc	ription	医洲导动	Unit of Measure	Quantity				Net Amount
CP070	60/40/2 Pozmix				sack	175.00				\$2,047.50
CP100	Calcium Chloride				lb	453.00				\$305.78
CP120	Cello-flake				lb	44.00				\$69.30
M015	Light Equipment Mil				mi	55.00				\$99.00
M010 M020	Heavy Equipment N	Mileage			mi	55.00				\$198.00
D010	Ton Mileage	201			tm	415.00				\$560.25
5010	Depth Charge: 0'-50	00			job	1.00			ļ	\$900.00
								<u> </u>		
									 	
									 	
			(14)							
Custo	mer Section: On the	Light following scale h	ow would you rate H	urricane Services I	nc.?				Net:	\$4,179.83
		m				Total Taxable	\$ -	Tax Rate:		
Ваз	sed on this job, how	likely is it you w	ould recommend h	ISI to a colleague?		State tax laws dee			Sale Tax:	\$ -
						used on new wells Hurricane Services	relies on the	customer provided		
Un	tkely 1 2 3	4 5	6 7 8	9 10 Extra	inicly Likely	well information at services and/or pro	ove to make a ducts are tax	determination if exempt.	Totale	6 4470.00
									Total:	\$ 4,179.83
ERMS: Cash in advan	ce unless Hurricane Se	ervices Inc. (HSI) ha	s approved credit prior	In sale Credit terms		HSI Represe	ntative:	Keve	en L	esley

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royallies and stated price adjustments. Actual charges may vary depending upon time, equipment, and material uttimately required to perform these services. Any discount is based on 30 days net payment terms or cash. DISCLAIMER NOTICE: Technical date is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results form the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable servi

x Cherles Sour CUSTOMER AUTHORIZATION SIGNATURE



	2319	30010	il a G	AS CORP.	Well:	JACK #5	Ticket:	WP 1912		
	State:	County:			County:	HARPER,KS Date: 9-2502				
Fiel	Field Rep: TIM ARELL S-T-R:				S-T-R:	19-31S-08W	Service:	SURFACE PIPE		
Dow	nhole I	nformati	on	I	Calculated Siu	rry - Lead	Calcu	ulated Slurry - Tail		
Hole	e Size:	12 1/4	in]		60/40/2 POZMIX	Blend:	nates oratify - Idi		
Hole I	Depth:	260	ft]	Weight:	14.8 ppg	Welght:	ppg		
all Hotels	g Size:	8 5/8	in	23#	Water / Sx:	5.2 gal / sx	Water / Sx:	gal / sx		
	Depth:	253	ft		Yield:	1.21 ft ³ / sx	Yield:	ft ³ / sx		
	Liner:		in		Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.		
	EPTH:	233	ft		Depth:	ft	Depth:	ft		
	acker:				Annular Volume:	0.0 bbls	Annular Volume:	0 bbls		
	Depth:	40.0	ft		Excess:		Excess:			
higge	ement:	15.0	bbls	TATAL	Total Slurry:	37.7 bbls	Total Slurry:	0.0 bbls		
ME	RATE	PSI	STAGE BBLs	TOTAL BBLs	Total Sacks: REMARKS	175 sx	Total Sacks:	0 sx		
:30PM			-	-	ON LOCATION - SPOT EQ	DUIPMENT		2000年代中国共享1990年		
					RUN 6 JTS. 8 5/8" X 23# C					
:30AM					CASING ON BOTTOM					
:45AM				-	HOOK UP TO CASING AN	D BREAK CIRCULATION WITH	I RIG PUMP AND MUD			
:20AM	5.0	300.0	10.0	10.0	H2o AHEAD					
23AM	5.0	200.0	37.7	47.7	MIX 175 SKS 60/40/2 POZ	MIX @ 14.8 PPG				
30AM	5.0	200.0	-	47.7	START DISPLACEMENT					
45AM	3.0	200.0	15.0	62.7	CEMENT @ DESIRED DEF	PTH				
				62.7	CIRCULATION THRU JOB					
:15AM				62.7	CIRCULATED 10 BBL TO	PIT				
. ISAWI				62.7	WASH UP PUMP TRUCK			-		
					JOB COMPLETE,					
					THANKS- KEVEN AND CR	EW				
			====		THE TRANSPORT					
						77-1244		P		
_	_									
-	-									
\dashv	-+									
	\dashv				1					
		CREW			UNIT	Har more to the	SUMMARY			
Cem	enter:	LESL	EY		75	Average Pate	SOMMARI	Total Pluid		
	Average ries sure Total Fluid						225 psi	Total Fluid 63 bbls		
np Ope						4.5 bpm	1 240 DSI	b3 DDIS		



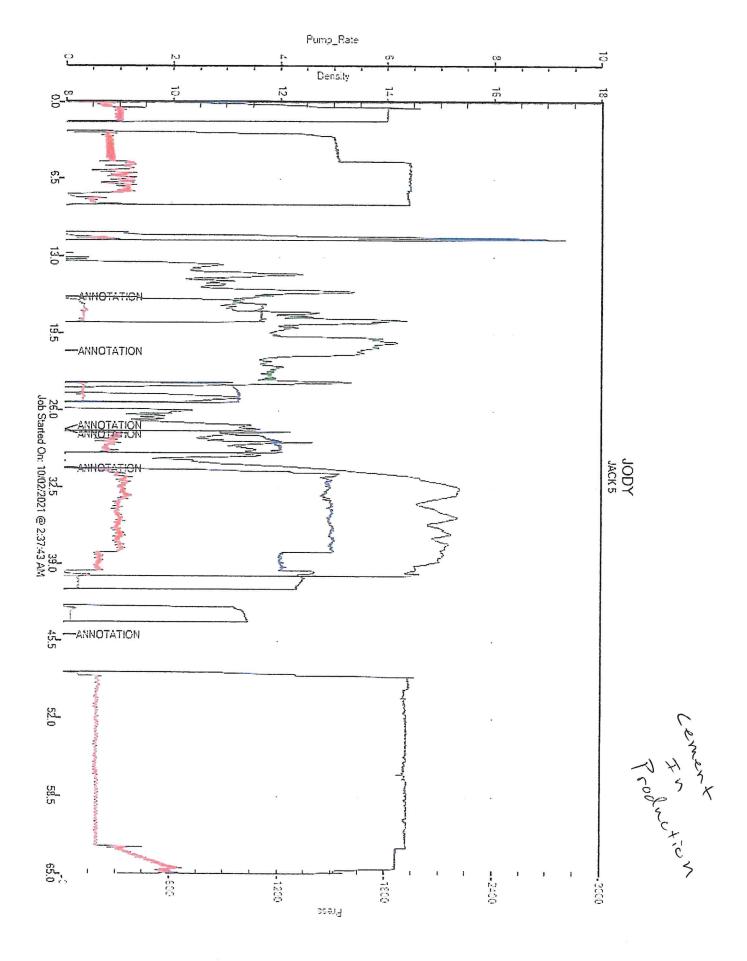
No view and the re-							-			
Customer	JODY OIL & GAS	INC	Lease & Well#	JACK #5				Date	1	0/2/2021
Service District	PRATT		County & State	HARPER KS	Legals S/T/R	19-31	W8-8	Job#		
Job Type	LONGSTRING	PROD	מאו 🗆	□ SWD	New Well?	☑ YES	□ No	Ticket#	1	WP1935
Equipment #	Driver			Job Safety Ar	alysis - A Discus	sion of Hazards	& Safety Pro	ocedures		
912	MATTAL	☑ Hard hat		☐ Gloves		□ Lockout/Tag	out	□ Warning Sign	s & Flagging	
176/522	OSBORN	☐ H25 Monitor		☑ Eye Protection		□ Required Per	mits	☐ Fall Protection	(5.5)	
181/533	RUEBEN	☑ Safety Footwea	•	☐ Respiratory Prot	ection	☐ Slip/Trip/Fall	Hazards	□ Specific Job S	equence/Expe	ectations
		☑ FRC/Protective	Clothing	☐ Additional Chem	nical/Acid PPE	□ Overhead Ha	zards	☐ Muster Point/		
		☐ Hearing Protect	ion	☐ Fire Extinguisher		☐ Additional co	ncems or iss	ues noted below		
					Con	nments				
		1								
Product/ Service Code		Descr	intion		Unit of Measure	Quantity				No.
CP030	H-Long	5.50	phon		sack	150.00			A A STATE OF THE S	Net Amount \$3,780.00
CP055	H-Plug				sack	75.00				\$877.50
CP120	Cello-flake				lb	39.00				\$61.43
FE145	5 1/2" Float Shoe - /	AFU Flapper Type			ea	1.00				\$337.50
FE170	5 1/2" Latch Down F	Plug & Baffle			ea	1.00				\$315.00
FE135	5 1/2 Turbolizer				ea	8.00				\$576.00
FE185	5 1/2" Cement Scra	tchers Resciprocati	ng Type		ea	12,00				\$839.16
AF056	Liquid KCL Substitu	te 2			gal	6,00				\$108.00
CP170	Mud Flush				gal	500.00				\$450.00
M015	Light Equipment Mil	eage			mi	55.00				\$99.00
M010	Heavy Equipment M	lileage			mi	55 00				\$198.00
M020	Ton Mileage				tm	561.00				\$757.35
D015	Depth Charge: 4001	'-5000'			job	1.00				\$2,250.00
C050	Cement Plug Contai	ner			job	1.00				\$225.00
C035	Cement Data Acquis	sition			job	1,00				\$225.00
Custo	mer Section: On the	e following scale ho	w would you rate I	Hurricane Services I	nc 2		L			
and the same of the same of the same of the	Control of the second of the second		nodia yed rate i	Tanicano Services I	The contract of the	Total Taxable	\$ -	Tax Rate:	Not:	\$11,098.94
Bas	sed on this job, how	v likely is it you w	ould recommend	HSI to a colleague	?				Sale Tax:	\$.
						used on new wells	to be sales ta		Culo Ida.	<u> </u>
116	-	3 4 5	6 7 8			well information at	ove to make a	determination If		
	-, -	. , ,	· , 6	9 10 Ext	nmely Likely	services and/or pr	oducts are tax	exempl.	Total:	\$ 11,098.94
						HSI Represe	ntative:	Mike Matta	l	

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection. Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalles and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. DISCLAIMER NOTICE: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer governational care of all customer owned equipment and property white HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

x Tim Vieice



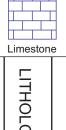
						- Annie Control						
EMENT	TRE	ATMEN	IT REP	ORT		· ·						
Cust	tomer:	JODY C	IL & GA	AS INC	Well:	THE PARTY OF THE P	JACK #5		WD4 025			
		ZENDA						Ticket:	3000000 3 888990 990			
					County:		HARPER KS	Date:	10/2/2021			
Field	d Rep:	TIM PE	ARCE		S-T-R:		19-31S-8W	Service:	LONGSTRING			
Dow	nhole	Informati	on		Calculated Slu	rry - Lead		Cald	culated Slurry - Tail			
Hole	Size:	7 7/8	in		Blend:	H-PLU	G	Blend:				
Hole [Depth:	4780	ft		Weight:	13.8 pp	eg .	Weight:	15 ppg			
Casing	Size:	5 1/2	iņ		- Water / Sx:	6.9 ga	ıl/sx	Water / Sx:				
Casing I	Depth:	4764.29	ft		Yield:	1.43 ft ³	/sx	Yield:	1.42 ft ³ / sx			
Tubing /	Liner:		in		Annular Bbls / Ft.:	bb	s / ft.	Annular Bbls / Ft.:	bbs / ft.			
	Depth:		ft		Depth:	ft		Depth:	ft			
Tool / Pa	acker:				Annular Volume:	0.0 bb	ils	Annular Volume:	0 bbls			
Tool E	epth:		ft		Excess:			Excess:				
Displace	ment:	115.6	bbls		Total Slurry:	19.0 bb	ils	Total Slurry:	38.0 bbls			
	E E	A 1/4	STAGE	TOTAL	Total Sacks:	75 sx		Total Sacks:	150 sx			
	RATE	PSI	BBLs	BBLs	REMARKS			是自己对比到是他	达到 化比他 法构造流			
11:10 PM			-	•	ON LOCATION, SAFTEY N		-					
11:35 PM					RUN 5 1/2 14# CASING, 41	1.54 SHOE J	DINT TURBOS ON 1,	3,5,7,9,12,14,16 SCRATCHE	ERS ON 8,9,10			
1:25 AM			-		CASING ON BOTTOM							
1:38 AM			-	•	HOOK TO CASING, BREA	K CIRCULAT	TON WITH RIG					
2:35 AM		200.0	20.0	20.0	PUMP 20 BBL 2% KCL WA	ATER						
2:40 AM	5.0	200.0	5.0	25.0	PUMP 5 BBL WATER							
2:42 AM	5.0	200.0	12.0	37.0	PUMP 500 GALLONS MUD	PUMP 500 GALLONS MUD FLUSH						
2:45 AM	5.0	175.0	5.0	42.0	PUMP 5 BBL WATER							
2:49 AM	2.0	25.0	7.0	49.0	MIX 30 SKS H-PLUG FOR	RAT HOLE						
2:53 AM	2.0	25.0	5.0	54.0	MIX 20 SKS H-PLUG FOR	MOUSE HOL	.E					
3:03 AM	4.0	260.0	6.5	60.5	MIX 25 SKS H-PLUG AS S	CAVENGER						
3:07 AM	5.0	300.0	38.0	98.5	MIX 150 SKS H-LONG							
3:16 AM	4.0	25.0	4.0	102.5	WASH PUMP AND LINE/RI		JG					
3:24 AM 3:39 AM	6.4	200.0		102.5	START 2% KCL DISPLACE							
	6.2	300.0	90.0	192.5	LIFT PRESSURE, STOP RE	ECIPRICATIN	1G					
3:41 AM	3.5	560.0	105.0	297.5	SLOW RATE							
3:46 AM		1,520.0	115.6	413.1	PLUG DOWN, RELEASED							
	-				CIRCULATION THROUGH	JOB			*			
	-		-	-								
			-									
	-			•								
					IOD COMPLETE THANKS	YOU						
			_		JOB COMPLETE, THANK)	100!						
	\dashv		-+		MIKE MATTAL RILEY&RUEBEN							
					MLETORUEDEN			25 - 5 - 385 - 8				
			-									
	I PAN	CREW	724		UNIT	100		SUMMAR				
Com	enter:	MATT	Δl	WALL AND DESCRIPTION OF			August 5					
Cemi Pump Ope	-0.00	OSBO			912	-	Average Rate	Average Pressure	Total Fluid			
	200			-	176/522	-	4.4 bpm	307 psl	413 bbls			
	lk #1: lk #2:	RUEB	N N		181/533							



SPUD SAMPLES EXAMINED FROM DRILLING TIME KEPT FROM SAMPLES SAVED FROM **GEOLOGIST ON WELL** GEOLOGICAL SUPERVISION FROM 3415' to RT RTD **FORMATION TOPS** MUD UP CONTRACTOR <u>Duke Drilling Company</u> Rig #7 COUNTY LOCATION FIELD **LEASE** COMPANY Onaga Shale opeka LS eebner Shale DRILLING TIME AND SAMPLE LOG imothy G. Pierce TWSP Petroleum Geologist .650' FSL & 3290' FEI Spivey-Grabs COMP **ELECTRIC LOG** Jack #5 TYPE MUD 3382 (-1804) 2339 (-761) 3613 (-2035 STATE Tim Pierce 3350 TO 2300 TO 2900 TO RGE Kansas 2342 (-764) SAMPLE SURFACE 8-5/8" at 260" PRODUCTION 5-1/2" at 4779 CONDUCTOR From Kelly Bushing Measurements Are All **ELEVATIONS** ELECTRICAL API#SURVEYS KB 1578' CASING 87 **REMARKS** The Jack #5 ran structurally similar to the Jack #1 well which was plugged due to a casing leak. Good oil and gas shows were observed in the top 75 feet of Mississippi Chert. Production pipe was set to produce The Mississippi. The well was drilled to the Simpson to check for possible deeper pay zones since no other wells in This section had been drilled deep. No shows were observed in any other zones. Timothy G. Pierce **LEGEND**













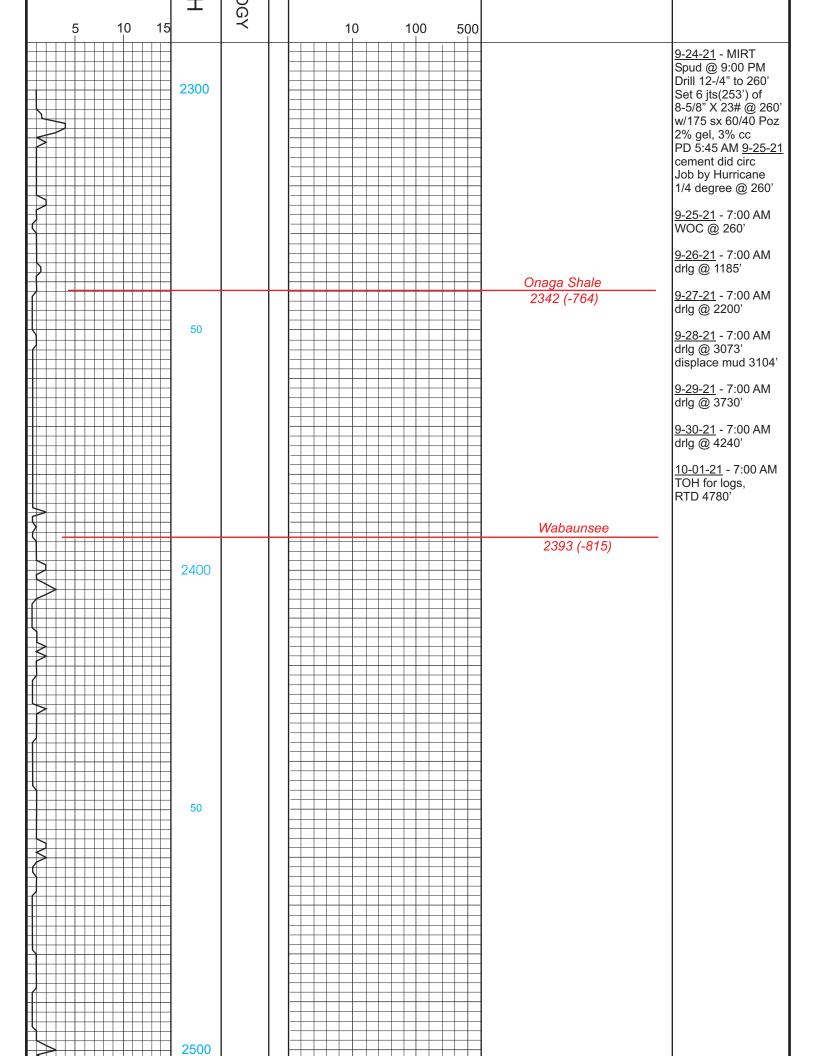


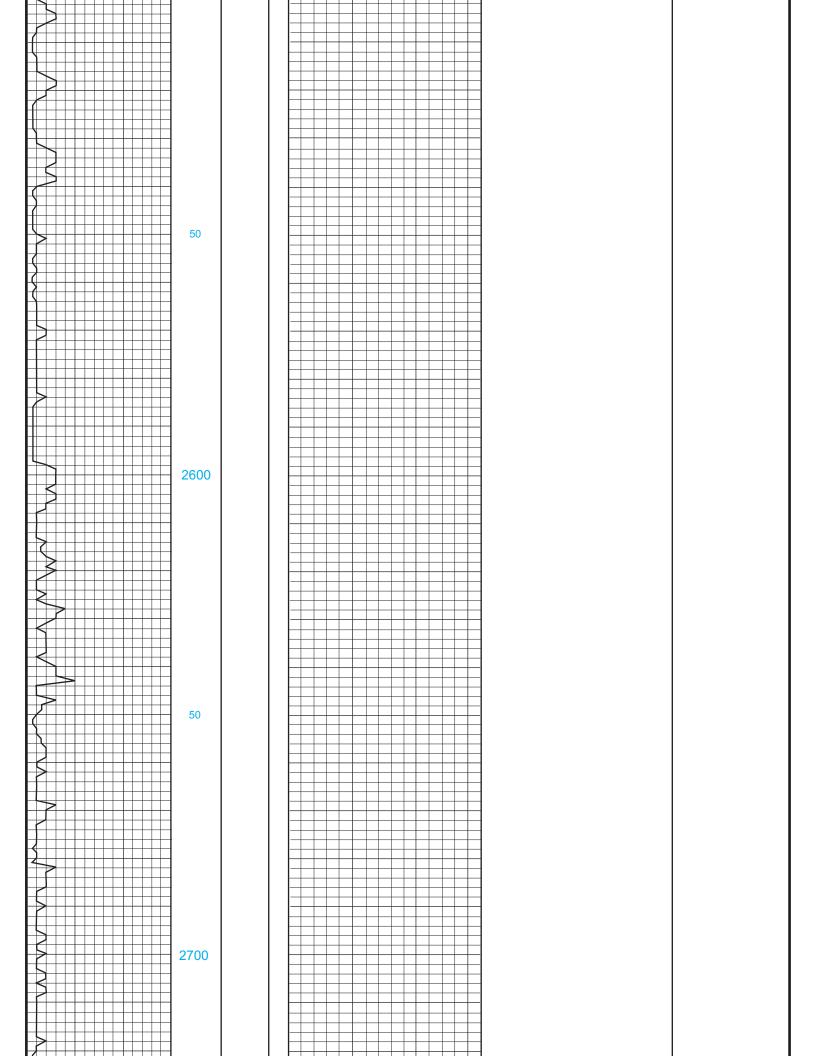


GAS SCALE

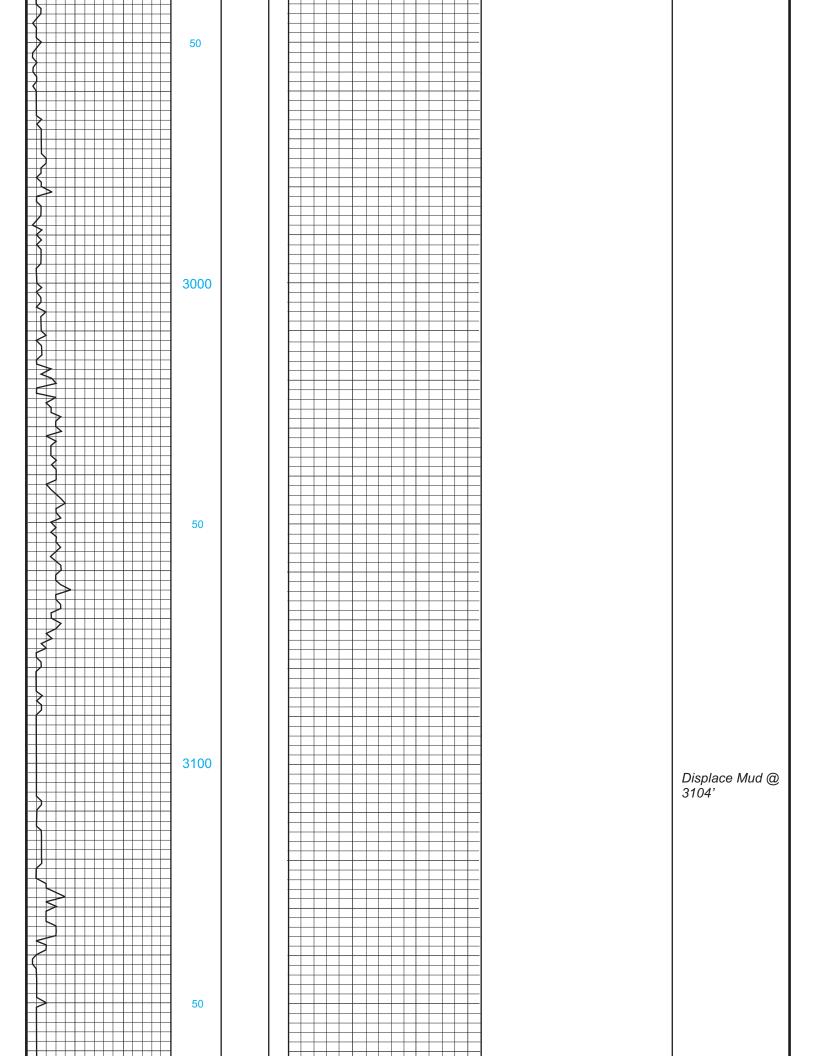
LE SAMPLE DESCRIPTION

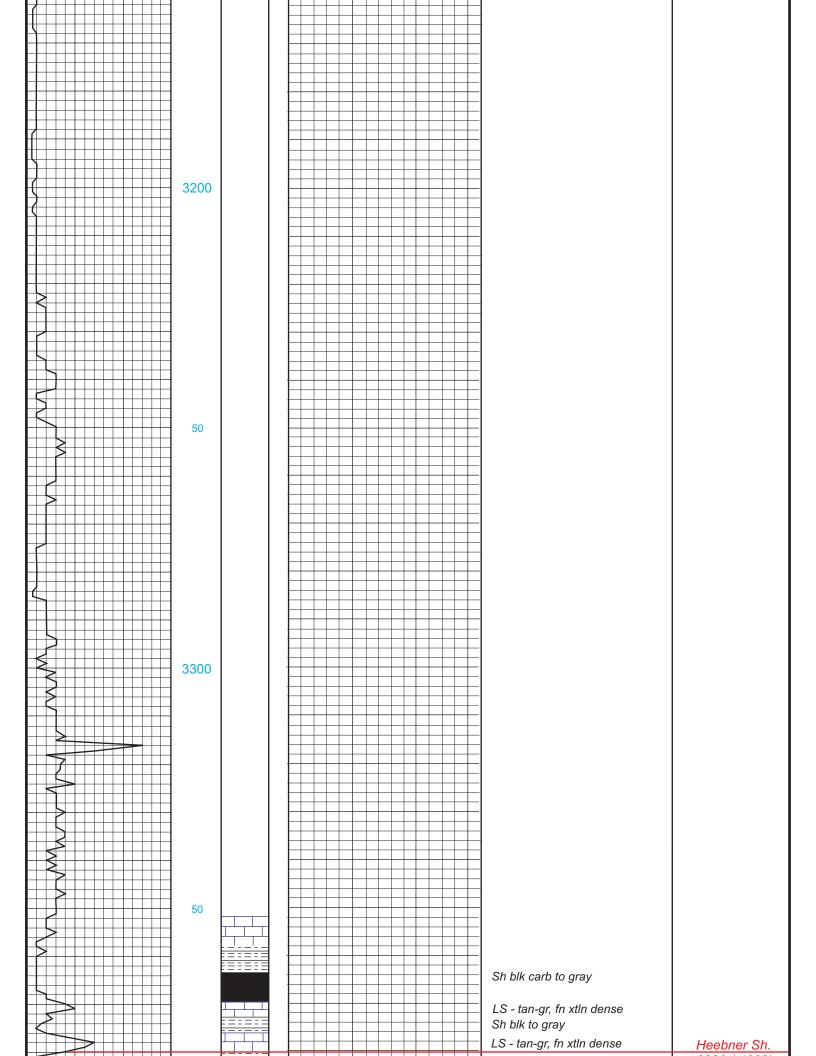
REMARKS

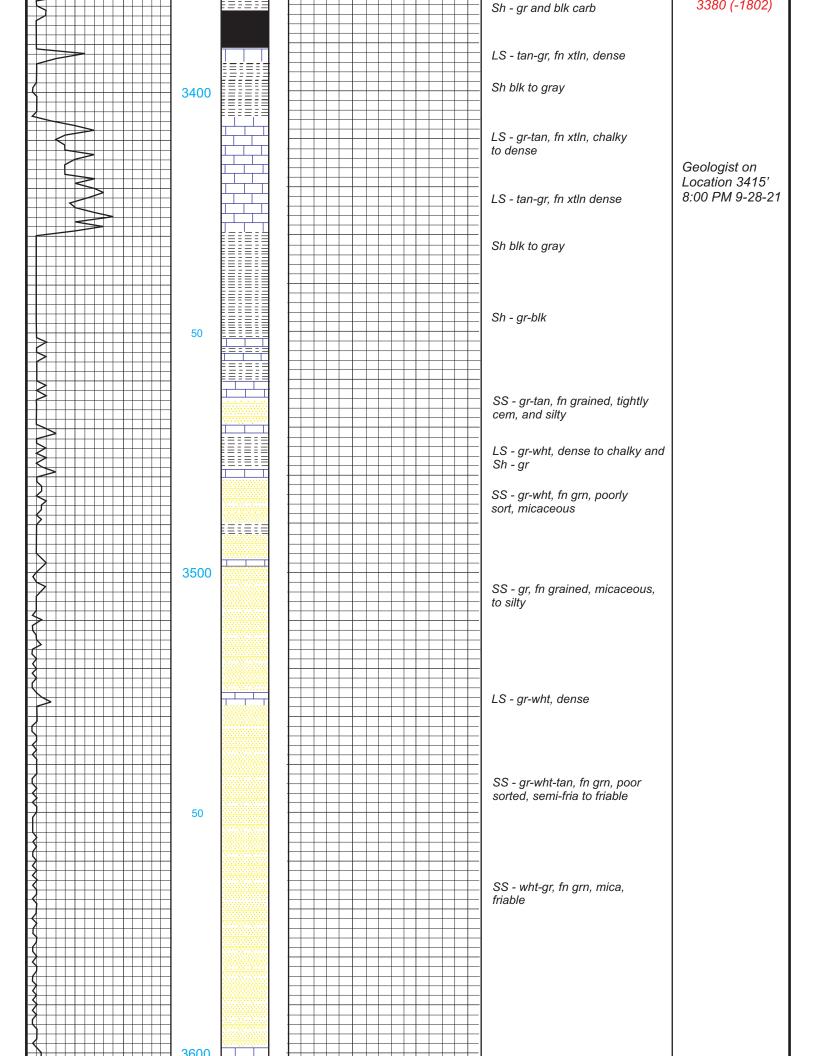




\$		
	50	
 		
		Howard LS 2788 (-1210)
]	2100 (-1210)
]	
	2800	
	50	
]	
]	
	2900	
		Tonckalo
		Topeka LS 2932 (-1354)
]	2332 (-1334)







	3000				LS - tan-gr, fn xtln, dense	
					20 tan gi, in xan, dense	Lansing
	Vis 51				LS - tan-gr, fn xtln, chalky to	3609 (-2031)
	Wt. 8.7 LCM 3#				dense, no vis por	, , ,
	LOW ON					
					LS - tan, fn xtln, dense	
	50				LS - tan-gr, fn xtln, dense	
					_	
				+	LS - tan-gr, fn xtln, dense	
3						
					LS - tan-wht-gr, fn xtln, dns	
3					to sit chalky	
	3700					
					Sh - gr-blk	
	İ					
				+		
	Vis 44				LS - tan-wht-gr, fn xtln, dns	
	Wt. 9.1				to slt chalky	
	LCM 4#					
	50					
	30					
					LS - tan-gr, fn xtln dense to	
					chalky	
					LS - tan-gr, fn xtln, dense	
				+	J ,,	14/1
	Vis 50 Wt. 9.1					Wiper trip 3793'
	LCM 4#					
	0000	T'T'T				
	3800				Sh - gr-blk	
				+	Sh - blk to gr	
					IC top or for vtla donos	1

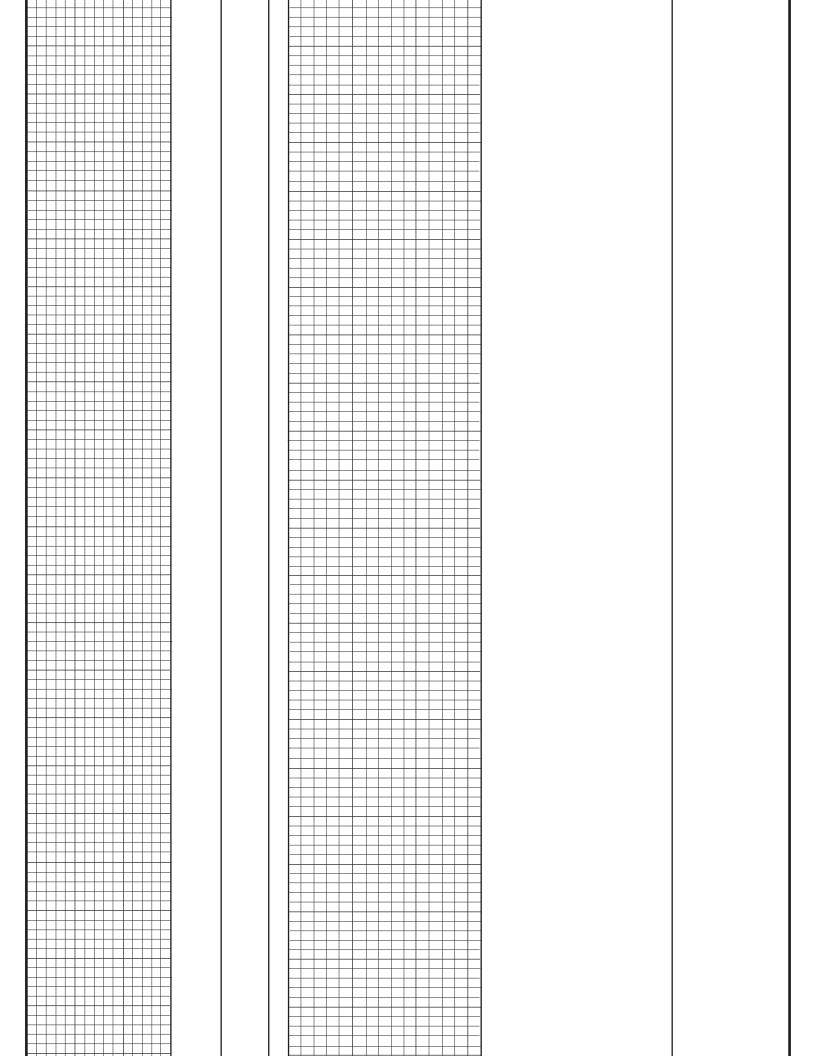
							LS - tarr-gr, rrr xtirr, derise	
	,							
							_	
							Sh - blk to gr	
							-	
							_	
							LS - tan-gr, fn xtln, dense	
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	50						_	
							Ch blle to an	
							Sh - blk to gr	
							_	
							LS - tan-gr, fn xtln, dense	
	,						Sh - blk to gr	
	Vis 49						LS - wht, fn xtln, chalky	
	Wt. 9.0							
	LCM4#				$+\Box$		LS - tan-wht, fn-med xtln, scat	
							vuggy and xtln por, spar calcite,	
					\Box		no show free oil, spotted v lt	
	2000			\rightarrow			stain, no odor	
	3900				\Box		_	
							LS - wht-tan, fn xtln, chalky to	
							dense	
						++++	-	
		=====					_	
							Sh - blk to gr	
							_	
							10 10 10 10 10 10 10 10 10 10 10 10 10 1	
							LS - tan, fn xtln, dense	
							LS - tan-wht-crm, fn xtln, dense	
							to very chalky, no vis por, no	
							show	
				-			_	
	50						LS - tan, fn xtln, dense to chalky	
	30						- LS - tarr, irr xtirr, derise to charky	
			+	$+$ \mp	$++\mp$		-	
Trip for bit 3962'								Trip for bit 3962'
					+		-	'
					+		LS - tan, fn xtln, dense	
					$+\Box$	+	-	
					$\pm + +$		1	
					\Box		LS - tan-gr, fn xtln, dense	
		+++++						
					+++		-	
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	4000							
	1000			+	+++		LS - tan-gr, fn xtln, dense	
			+		+++		-	
	Vis 49				\bot			
	Wt. 9.0		+ + +	-	+++	+++	-	
	LCM 5#						Sh - blk to gr	
			+	$+$ \Box	$++\mp$			
							1	
					+		LS - It-dk gr, fn xtln, dense	
					+		4	Stark Shale
							Ch blk oorb	4034 (-2456)
					\Box		Sh - blk carb	1004 (-2400)
			+		+++	++++	4	ı I

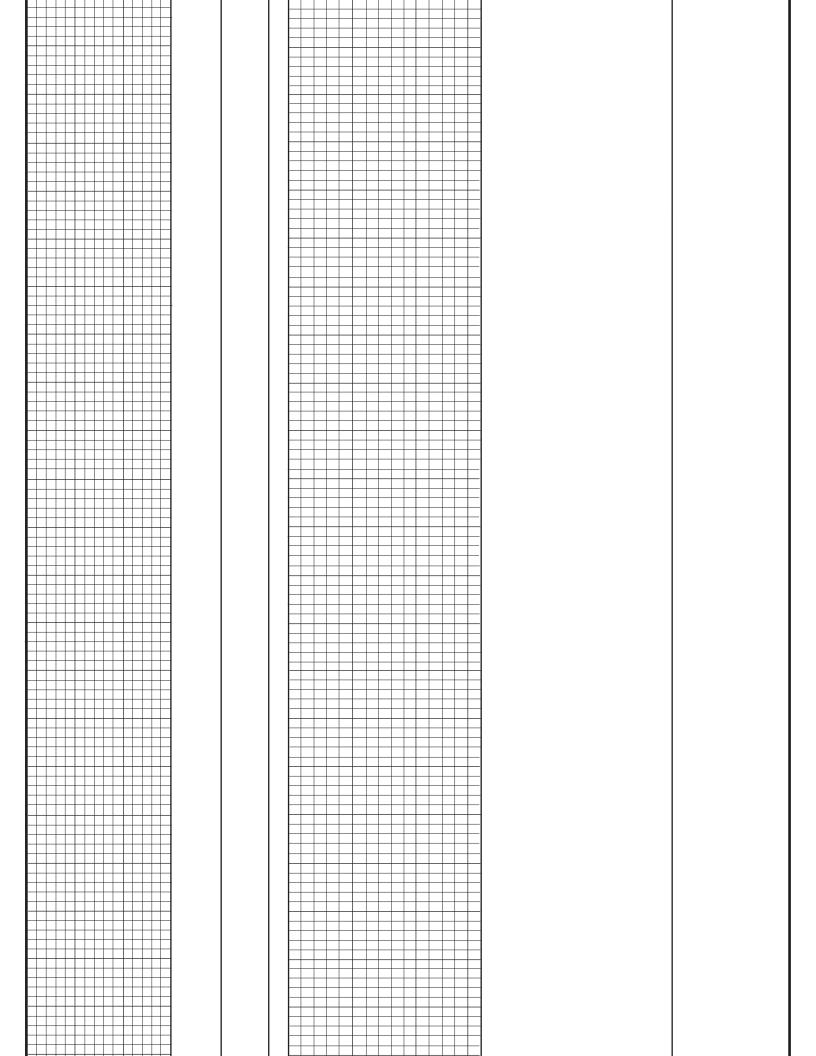
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	- 50						\Box				LS - dk-lt gr-wh, fn xtln, scat	
	1						\Box	1			vug por, dense to chalky, no	
	1						\Box				vis show, pos lt brn stain, fair odor	
											Odoi	
	-			$+ \Box$	\blacksquare		\Box		+		Sh - blk carb	
	1	=====					Ħ					
	1						\Box				LS - tan, fn xtln, dense	
	1						++	+				
]										LS - tan- brn, fn xtln, fair	
											vug and oolicastic por, NS	
	1											
	-						+	+			LS - tan, fn xtln, dense	
	1										L3 - tari, iri xtiri, derise	
	1											
	4100						\Box	+			LS - tan, fn xtln, dense	
	-			$+\Box$			$+ \mp$				LO - tari, iri xuri, uerise	
	1						Ħ				Sh - gr-blk	
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\mathbf{R}	1	[====					\Box					
	1										Sh - gr-blk	
	50						$\perp \vdash$	\pm				
\mathbf{H}	- 30	<u> </u>		$+\Box$	\blacksquare	+	+	+	+		LS - tan-gr, fn xtln, dense	
	1	<u> </u>					Ħ	\perp				
											Sh - blk to gr	
\Box	+			$+\Box$	$+\Box$		$+\Gamma$	+			on on to gr	
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	Vis 49						\Box	\perp			I C. top what for eather t	
	Wt. 9.4						Ш	\perp			LS - tan-wht, fn xtln, dense	
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	1										LS - tan-wht, fn xtln, dense to slt chalky	
	4200		\Box				+	+				
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	_						$\pm \pm$	\pm			LS - tan-gr, fn xtln to slt	
	-			$+\Box$	$+\Box$		$+\mathbb{F}$	+	$H\overline{I}$		granular, dense	
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	1										Sh blk oorb	
	1						\pm				Sh - blk carb	
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	-						Ħ				LS - tan-gr, fn xtln, granular,	
	1						\Box				dense	
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							\Box					
	50						\Box				LS - tan-gr, fn xtln, dense	
	Vis 46							\pm			w/ sh - blk-gr	
	Wt. 9.1						\Box				Sh - blk carb	
	LCM 3#		-	$\overline{}$	\rightarrow	\rightarrow	\perp	\perp			OII - DIN CAID	

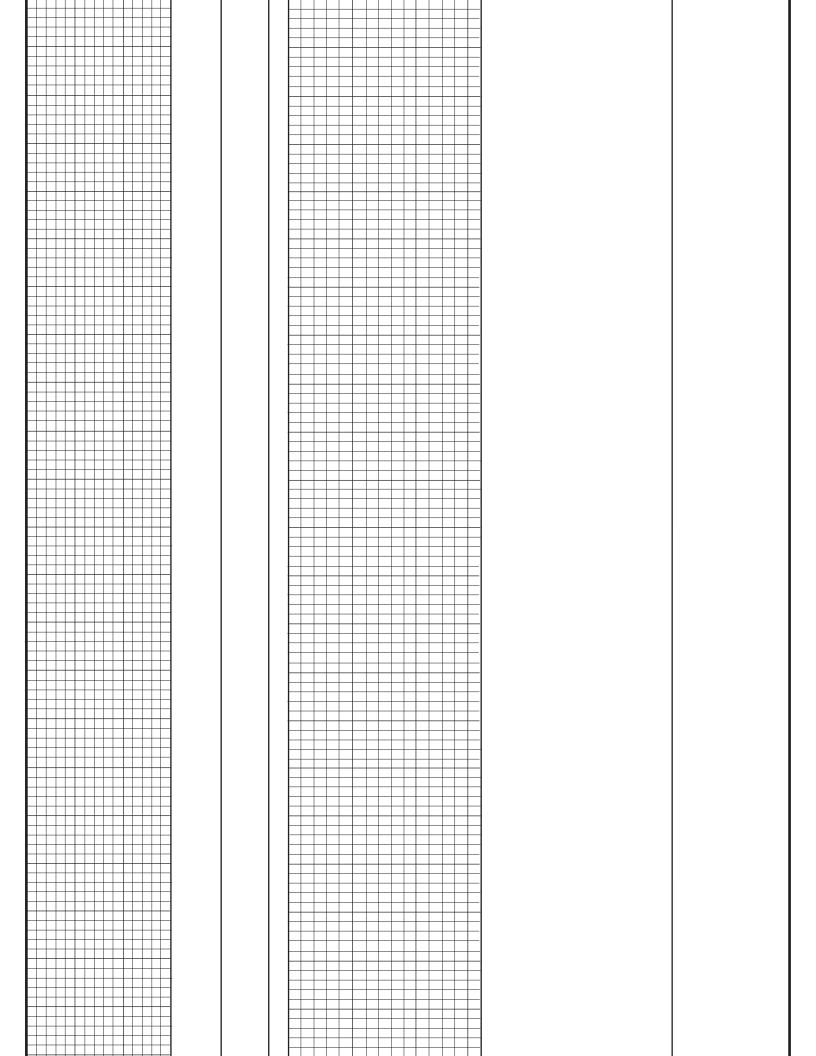
LS - tan-pr, fn xlin, dense Chrokee Sh 4273 (-2695) LS - tan-bm, fn xlin, dense, st pyritic wf sh - pribk LS - tan-pr, fn xlin, dense, st pyritic wf sh - pribk LS - tan-gr, fn xlin, dense Sh - gr, wg phr fine grained, lightly cem sandstone Sh - gr, wg phr fine grained, lightly ce					
Sh - bik carb LS - tan-bm, fn xlln, dense, st pyritic w sh - gr-bik Sh - bik to gr LS - tan-gr, fn xlin, dense Sh - bik to gr LS - tan-gr, fn xlin, dense Sh - bik to gr LS - tan-gr, fn xlin, dense Sh - gr, bik sh y gr, with sh y gr y g				LS - tan-gr, fn xtln, dense	
4300 LS - tan-bm, fn xtln, dense, sh pyrlic wsh - gr-bik wsh - gr-bik LS - tan-gr, fn xtln, dense Sh - bik to gr LS - tan-gr, fn xtln, dense Sh - bik to gr LS - tan-gr, fn xtln, dense Sh - gr-bik LS - gr, dense Sh - gr-bik LS - gr, dense Sh - gr-bik, some varicolored Sh - gr-bik, some varicolored Mississippi And Chort - wht, weathered who wit bro old and gas bubbles, good odor, it bra stain CRS And CRS Chort - wht, weathered, fair vargor, fair-grd show oil film, full only show yell film, full only increase in fresh chert And CRS And C					Chrokee Sh
St. pythic W sh - gr-blk Sh - blk to gr				Sh - blk carb	4273 (-2695)
st pyrtic w sh - gr-blk Sh - blk to gr LS - tan-gr, fn xlin, dense Sh - blk to tr LS - tan-gr, fn xlin, dense Sh - gr-blk LS - gr-blk LS - gr-blk LS - gr-blk Sh - gr-blk Sh - gr-blk, some varicolored Wississippi 4352 (-2774) Chert - whit, heavily weathered w/ Figd adage por, soal gd vug por, good show of film, sif show it bm oil and gas bubbles, good ofor, spoily to sell thm stain Chert - whit, weathered, fair vug por, fair-gd show oil film fair-gd show gas bubbles and free oil, good odor, it bm stain Chert - whit, weathered, fair vug por, fair-gd show oil film fair-gd show gas bubbles and free oil, good odor, it bm stain Chert - whit, weathered, good vug por, gair-gd show oil film, figd show file oil and gas, dk bm to blk stain, Fed odor, increase in fresh chert Chert - whit, weathered, good vug por, gair-gd show oil film, figd show file oil and gas, dk bm to blk stain, Fed odor, increase in fresh chert					
St. pythic W sh - gr-blk Sh - blk to gr				LS - tan-brn fn xtln dense	
Sh - bik to gr L.S - tan-gr, fn xtin, dense Sh - bik to gr L.S - tan-gr, fn xtin, dense L.S - tan-gr, fn xtin, dense L.S - tan-gr, fn xtin, dense Sh - gr-bik L.S - gr, dense L.S - gr, dense L.S - gr, dense Sh - gr-bik, some varicolored Mississippi 4352 (-2774) Mississippi 4352 (-2774) Chert - wht, heavily weathered w f-gd edge por, seat gd vug por, good show oil film, sil show it bm oil and gas bubbles, good odor, spoity to sait h bm stain Chert - wht, weathered, fair vug por, fair-gd show by film along about the sport of the stain Chert - wht, weathered, fair vug por, fair-gd show by film along about the sport of the stain Chert - wht, weathered, fair vug por, fair-gd show by film along about the sport of the stain Chert - wht, weathered, fair vug por, fair-gd show by film along about the sport of the stain Chert - wht, weathered, good vug por, gd show oil film, f-gd show free oil and gas, dk bm to bik stain, f-gd odor, increase in fresh chert Chert - wht, gd vug por, weathered show bik oil droplets, gd show oil film, gd odor, bik stain				slt pyritic	
LS - tan-gr, fn xtln, dense Sh - blk to gr LS - tan-gr, fn xtln, dense Sh - gr-blk LS - gr, dense Sh - gr-blk LS - gr, dense Sh - gr-blk, some varicolored Mississippi 4352 (-2774) Chert - wht, heavily weathered w r-gd edge por, sext gd vig por, r-gd edge por, sext	2			w/ sh - gr-blk	
LS - tan-gr, fn xtln, dense Sh - blk to gr LS - tan-gr, fn xtln, dense Sh - gr-blk LS - gr, dense Sh - gr-blk LS - gr, dense Sh - gr-blk, some varicolored Mississippi 4352 (-2774) Chert - wht, heavily weathered w r-gd edge por, sext gd vig por, r-gd edge por, sext	S			Sh. blk to ar	
L.S tan-gr, fix xlin, dense Sh - bile to gr L.S tan-gr, fix xlin, dense L.S tan-gr, fix xlin, dense L.S tan-gr, fix xlin, dense Sh - gr-bik L.S gr, dense L.S		4	1300	Sti - bik to gi	
LS - tan-gr, fn xtin, dense LS - tan-gr, fn xtin, dense Sh - gr-bik LS - gr, dense Sh - gr-bik, some varicolored Mississippi 4352 (-2774) Chert - wht, heavily weathered w/ F-gd edge por, scal gd vug por, good show oil film, st show it bm oil and gas bubbles and free oil, good odor, it bm stain Chert - wht, weathered, good vug por, gd show oil film, f-gd show free oil and gas, db bm to bilk stain, f-gd odor, increase in fresh chert Chert, wht, gd vug por, weathered show bik oil droplets, gd show oil film, film, gd odor, increase in fresh chert Chert, wht, gd vug por, weathered show bik oil droplets, gd show oil film, gd show free oil and gas, db bm to bilk stain, f-gd odor, increase in fresh chert Chert, wht, gd vug por, weathered show bik oil droplets, gd show oil film, gd odor, bik stain Chert, wht, gd vug por, weathered show bik oil droplets, gd show oil film, gd odor, bik stain Chert, wht, gd vug por, weathered show bik oil droplets, gd show oil film, gd odor, bik stain Chert, wht, gd vug por, weathered show bik oil droplets, gd show oil film, gd odor, bik stain				LS - tan-gr, fn xtln, dense	
CFS CFS CFS CFS CFS CFS CFS CFS				I 	
LS - tan-gr, fn xtin, dense Sh - gr-bik LS - gr, dense Sh - gr, wf gr-bm fine grained, tightly cem sandstone Sh - gr-bik, some varicolored Mississippi AAA AAA AAA Chert - whit, heavily weathered w/ F-gd edge por, scat gd vug por, Garden odder, spotty to sat it bm stain Chert - whit, weathered, fair vug por, fair-gd show oil film fair-gd show oil film, fgd odd, it bm to bik stain, F-gd odd, increase in fresh chert Chert - whit, weathered, good vug por, gd show oil film, f-gd odd, ricrease in fresh chert Chert - whit, weathered, good vug por, gd show oil film, f-gd odd, ricrease in fresh chert Chert - whit, weathered, good vug por, gd show oil film, f-gd odd, ricrease in fresh chert Chert - whit, weathered, good vug por, gd show oil film, f-gd odd, ricrease in fresh chert Chert - whit, weathered, good vug por, gd show oil film, f-gd odd, ricrease in fresh chert Chert - whit, gd vug por, weathered show blk oil droplets, gd show oil film, gd odor, blk stain Chert, whit, gd vug por, weathered show blk oil droplets, gd show oil film, gd odor, blk stain				LS - tan-gr, fn xtln, dense	
Sh - gr-blk LS - gr, dense Sh - gr, wf gr-bm fine grained, tightly cem sandstone Sh - gr-blk, some varicolored Mississippi 4352 (-2774) Chert - wht, heavily weathered w/ F-gd edge por, scat gd vug por, good show oil film, slt show it bm oil and gas bubbles and free oil, good odor, it bm stain CFS - A A A A A A A A A A A A A A A A A A				I.Stan-ar fo ytln dense	
CFS CFS					
Sh - gr. w/ gr.bm fine grained, tightly cem sandstone Sh - gr-blk, some varicolored Mississippi A A A A A A A A A A A A A A A A A A A					
CFS Similar Sh - gr-blk, some varicolored Mississippi A352 (-2774)			+	LS - gr, dense	
CFS Similar Sh - gr-blk, some varicolored Mississippi A352 (-2774)					
Sh - gr-blk, some varicolored Mississippi A A A A A A A A A A A A A A A A A A A			CES -		
Mississippi 4352 (-2774) Chert - wht, heavily weathered w/ Fod edge por, scat gd vug por, good show oil film, st show it brn oil and gas bubbles, good odor, spotty to sat it brn stain Chert - wht, weathered, fair vug por, fair-gd show oil film fair fair fair fair fair fair fair fair					
A A A A A A A A A A A A A A A A A A A				Sii - gi-bik, soille valicolored	
Chert - wht, heavily weathered w/ f-gd edge por, scat gd vug por, good show oil film, slt show it bm oil and gas bubbles, good odor, spotty to sat it bm stain CFS - A A A A A A A A A A A A A A A A A A					
Vis 49 Wt. 9.1 Chert - wht, heavily weathered w/ f-gd edge por, scat gd vug por, good show oil film, sit show it brm oil and gas bubbles, good odor, spotty to sat it brm stain			ΔΔ		4352 (-2774)
Vis 49 Wit 9.1 LCM 5# A A A A A A A A A A A A A A A A A A A			ΔΔ		
Office of the state of the stat		\ \(\)	ΔΔ	i-gd edge por, scat gd vug por,	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		 	Vt. 9.1	oil and gas bubbles, good	
Chert - wht, weathered, fair vug por, fair-gd show oil film fair-gd show gas bubbles and free oil, good odor, It brn stain Chert - wht, weathered, fair vug por, fair-gd show gas bubbles and free oil, good odor, It brn stain Chert - wht, weathered, good vug por, gd show oil film, f-gd show free oil and gas, dk brn to blk stain, f-gd odor, increase in fresh chert Chert, wht, gd vug por, weathered show blk oil droplets, gd show oil film, gd odor, blk stain			\triangle \triangle \triangle	odor, spotty to sat it brn stain	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			CFS — A A		
Chert - wht, weathered, fair vug por, fair-gd show oil film fair-gd show gas bubbles and free oil, good odor, It brn stain Chert - wht, weathered, fair vug por, fair-gd show oil film fair-gd show gas bubbles and free oil, good odor, It brn stain Chert - wht, weathered, good vug por, gd show oil film, f-gd show free oil and gas, dk brn to blk stain, f-gd odor, increase in fresh chert Chert, wht, gd vug por, weathered show blk oil droplets, gd show oil film, gd odor, blk stain					
Chert - wht, weathered, fair vug por, gd show oil film, f-gd show free oil and gas, dk brn to blk stain, f-gd odor, increase in fresh chert Chert - wht, weathered, fair vug por, fair-gd show gas bubbles and free oil, good odor, lt brn stain Chert - wht, weathered, fair vug por, gd show oil film, f-gd show free oil and gas, dk brn to blk stain, f-gd odor, increase in fresh chert Chert, wht, gd vug por, weathered show blk oil droplets, gd show oil film, gd odor, blk stain			ΔΔΔ		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			ΔΔΔ		
4400 CFS A A A A A A A A A A A A A A A A A A A			ΔΔΔ	fair-gd show gas bubbles and	
CFS J A A A A A A A A A A A A A A A A A A				free oil, good odor, It brn stain	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		+	CFS 🗸 🚨 🛕		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			ΔΔ		
$ \begin{array}{c} \triangle & \triangle \\ \triangle & \triangle & \triangle \\ \triangle & \triangle & \triangle \\ \triangle & \triangle &$			ΔΔ		
$\begin{array}{c} \triangle & \triangle \\ & \triangle & \triangle$			Δ Δ	free oil and gas, dk brn to	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				blk stain, f-gd odor, increase in	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				I I I I I I I I I I I I I I I I I I I	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			ΔΔΔ		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			ΔΔΔ	Chert, wht, gd vug por, weathered	
			ΔΔΔ	show blk oil droplets, gd show oil film ad odor blk stain	
				min, ga odor, bik stairi	
50 \$\triangle \triangle \tr					
Chert - wht weath wind yild nor				Chert - wht weath w ad yug por	
fair show blk oil droplets, gd odor,				fair show blk oil droplets, gd odor,	
Δ				blk stain	
			$\begin{array}{c c} \Delta & \Delta & \Delta \\ \hline \Delta & \Delta & \Delta \\ \hline \Delta & \Lambda & \Lambda \end{array}$		
LS - It-dk gr, granular, with fresh chert, slt weathered to chalky,					

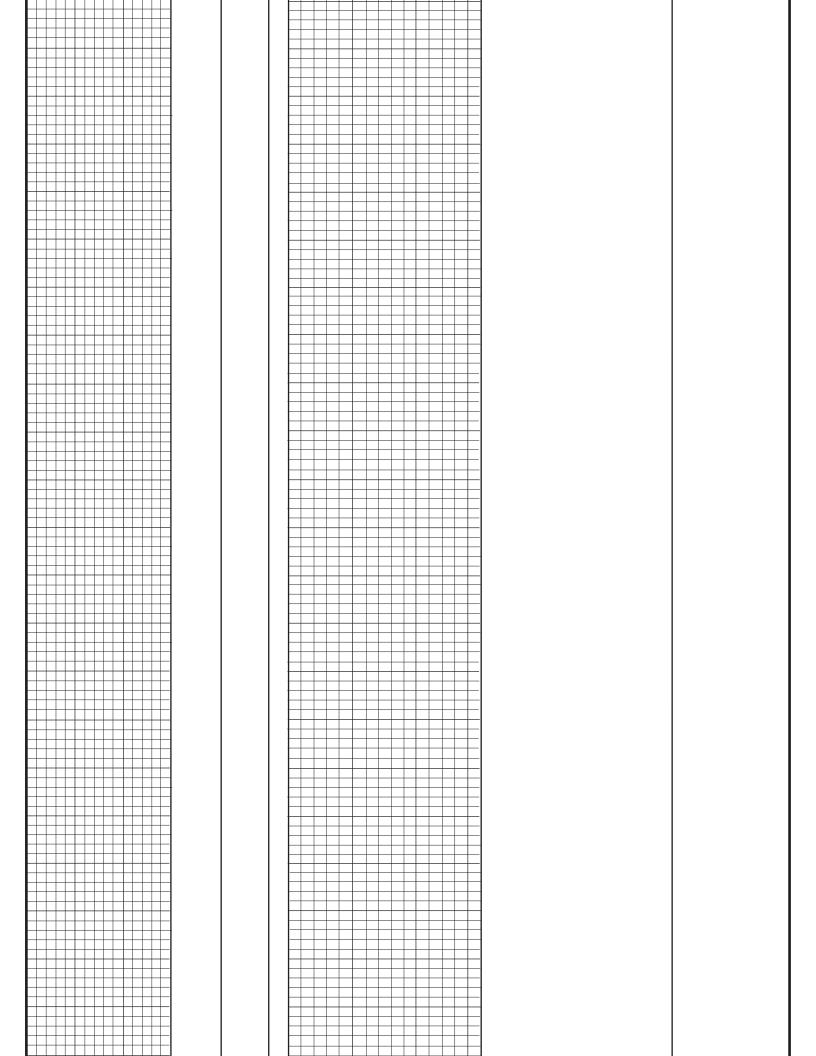
						scat slt show blk oil, faint odor	
						, , , , , , , , , , , , , , , , , , , ,	
					+		
	4500				\perp		
						LS - It-dk gr, granular to fn xtln,	
		Δ				w/ chert wht, fresh to slt weath, no show, no odor, no stain	
					+	The driew, the edet, the diam	
					+		
						LS - It-dk gr, fn xtln, to slt gran,	
		Δ				and chalky, w/chert - wht fresh	
					+		
						LS - gr, fn xtln to granular, dense,	
						and chert-wht, fresh and very	
		Δ		$\pm \pm$	\pm	chalky	
	50				H		
					+	Sh - blk	
					$ \perp $		
					+		
					+		
						LS - gr-tan, fn xtln, dense to	
						granular	
				++	+		
					\blacksquare		
						IC aroubt to other dense to	
						LS - gr-wht, fn xtln, dense to chalky	
	4600					9	
							Kinderhook Sh.
					+	Sh - gr-blk	4606 (-3028)
					+	311 - gr-bik	
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				$\pm \pm$		Sh - ar-hlk	
	F0				+	Sh - gr-blk	
	50				H		
					-		
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					+	Sh - blk-gr	
					+		
					\mp		
					\pm		
					± 1		
					+	Sh - dk gr-blk, silty in part, fair-gd show of gas bubbles	
					\mp	าลแ-ga รกบพ บา yas มนมมเยร	
					+		
	4700	EEEEE			\top	Sh - hlk-ar	

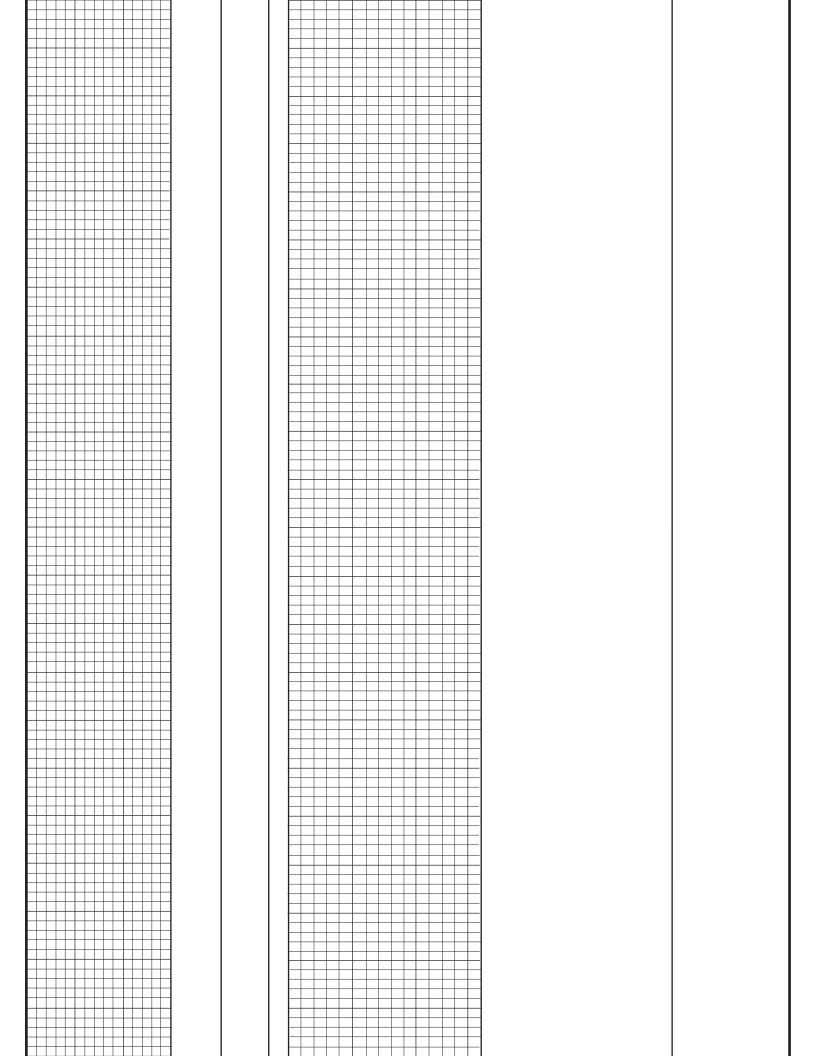
		on smg.	Viola
		Dolo - dk brn-tan, fn xtln, gd	4706 (-3128)
		int xtln por, and chert wht-lt gr, speckled, no show	
		Speckieu, no show	
		Dolo - gr-tan, fn xtln, granular,	
		dense	
	50		Simpson
		SS - wht-lt gr, fn grained, sub	4750 (-3172)
		rounded, well sorted, friable, no show	
5		SS - wht-lt gr, fn grained, calcite	,
RTD 4780'		cement in part to friable, well sorted, sub rounded, no show	
Pipe Strap 4794.63 Board 4793.56			
Difference 1.07]		
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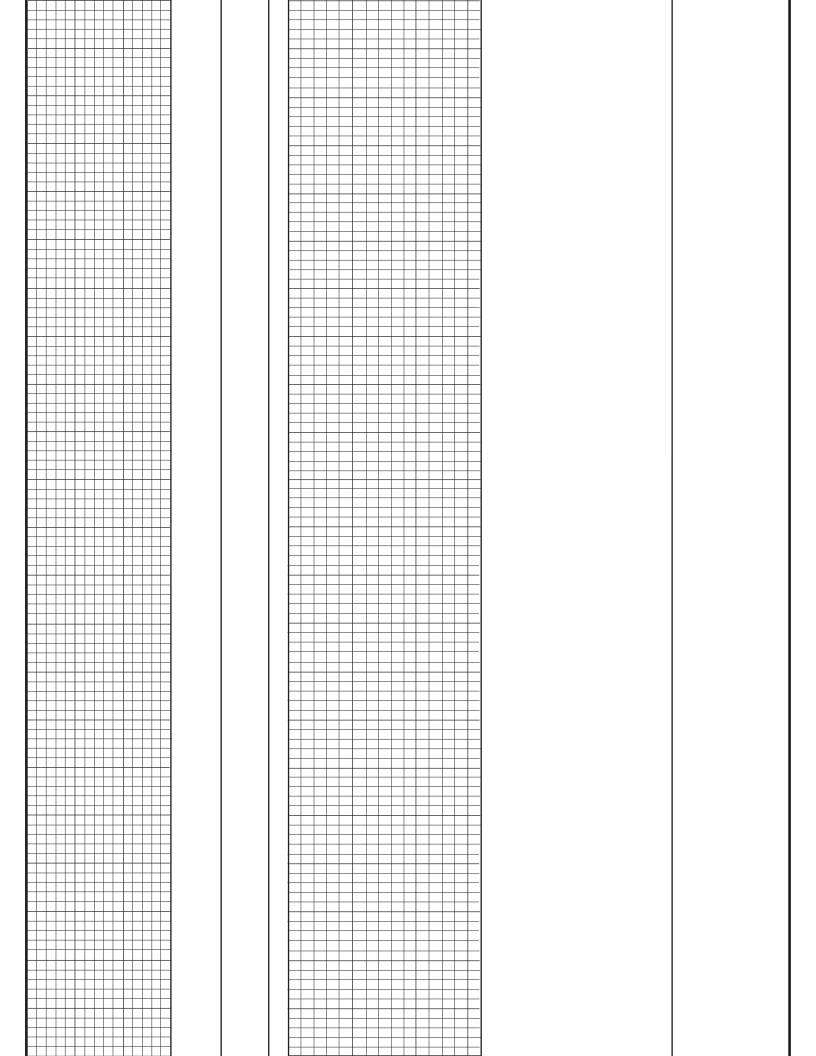


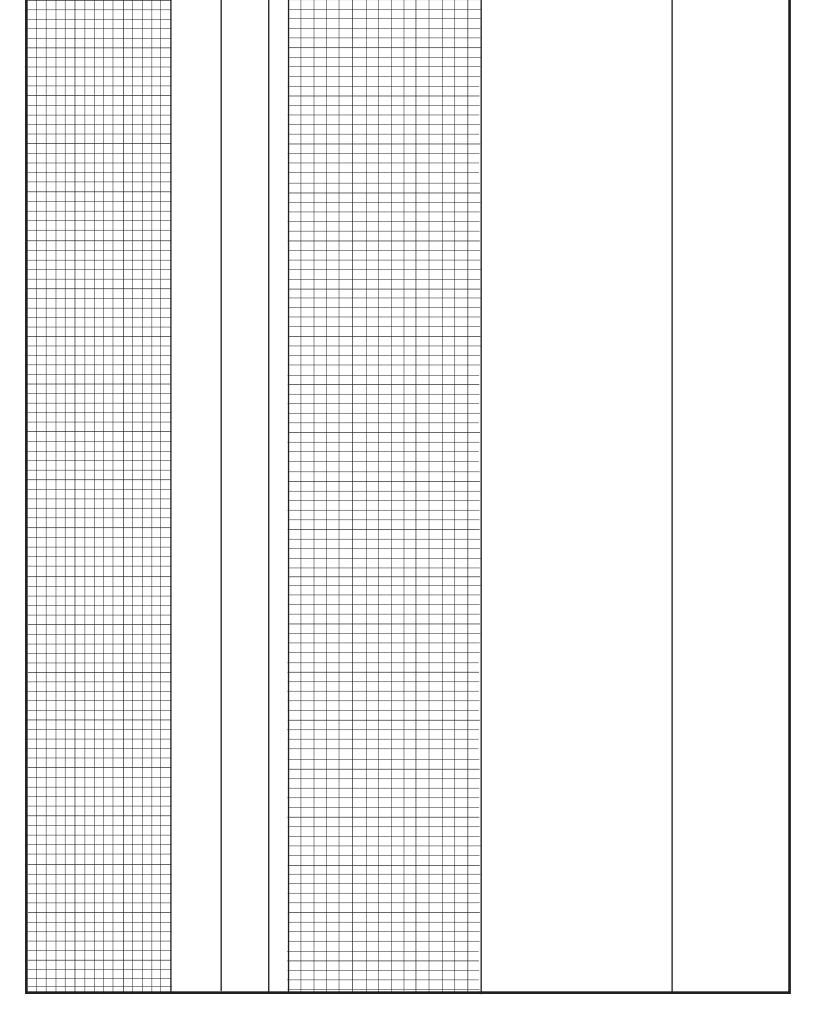
















P.O. Box 758 Blackwell OK 74631

PUMPING SERVICES, LLC	Blackwell, OK 74631							
BARON & CAS INC	Well Name & Number:			JACK #5				
Soly	Legals	,	SEC. 19-T31S	-R8W	Field Ticket #:	101921		
	County:		HARPER		Fleid Hicket #.	101921		
	State:		KANSAS		Service District:	Blackwell, OK		
Tuesday, October 19, 2021	Job Type:		SLICKWATI	ER	Salesman:	Reed Hall		
Product Description	Unit of	Quanity	List	Gross	Item	Net Amount		
I B-1 - Liquid Biocide		48				\$832.42		
SP-480 - Multifunctional Additive/H2S Inhibitor			\$50.00			\$717.60		
W-11 - NE/Surfactant	gal(s)	95	\$28.00	\$2,660.00	70.10%	\$795.34		
FRA-1 - Friction Reducer - (anionic)	gal(s)	67	\$45.00	\$3,015.00	70.10%	\$901.49		
PB-1 - FR Breaker	gal(s)	38.00	\$32.00	\$1,216.00	70.10%	\$363.58		
	gal(s)	189	\$37.00	\$6,993.00	70.10%	\$2,090.91		
	lb(s)					\$778.60		
						\$786.07		
						\$2,406.95 \$2,960.10		
						\$5,157.75		
SE PART OF THE PROPERTY OF THE PROPERTY OF THE PART OF	100 E 100					\$184.63		
Equipment Mileage - Heavy Equipment	mile(s)	1425	\$8.50	\$12,112.50	70.10%	\$3,621.64		
51 - 60 bpm Blender - 1st 2 hrs.	unit(s)	1	\$4,750.00	\$4,750.00	70.10%	\$1,420.25		
Blending Services	unit(s)	1	\$1,800.00	\$1,800.00	70.10%	\$538.20		
Frac Pump Services - 51-60 BPM (First 2 Hours)	per job	1	\$60,000.00	\$60,000.00	70.10%	\$17,940.00		
	unit(s)	1	\$2,500.00	\$2,500.00	70.10%	\$747.50		
	unit(s)	1			70.10%	\$448.50		
		1				\$747.50		
		_	-			\$747.50		
The state of the s					 	\$747.50		
						\$897.00 \$2,906.16		
						\$111.83		
						\$67.28		
Static Mixer, Tank, or 4+ Buckets for Resin-Coating Sand	unit(s)	1	\$1,500.00	\$1,500.00	70.10%	\$448.50		
QC Services with Fluid Tech - First 8 hours	per job	1	\$1,800.00	\$1,800.00	70.10%	\$538.20		
					-			
					 			
					 			
					 			
				1				
						-5.		
					 			
Cost Estimate Refere Applicable Local County and State Town Ann	Applicat:	L	C=	#400 COO OC	No.	640.000.00		
		0.00	L			\$49,902.98		
	icable Loca				-	2087.3		
30th day from the date of invoice. Past due accounts may pay interest on the balance past due at the rate of 1 1/2% per		Total Ir	voiced Price (1440.2-		
ncy and/or attorney to affect the collection of said account, Customer hereby agrees to pay all fees directly or indirectly	Custo	mer Representative:		Mr. Du	ustin Newbe	rry		
previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and owing and subject to collection.	3	SPS Representative:		Ro	ocky Leach			
THE PERSON AND PARTY AND PARTY IN CONTROL OF THE PERSON AND PARTY IN CONTROL OF THE PE			-					
		Date:		1	0/19/2021			
	Product Description LB-1 - Liquid Biocide SP-480 - Multifunctional Additive/H2S Inhibitor W-11 - NE/Surfactant FRA-1 - Friction Reducer - (anionic) PB-1 - FR Breaker KCL-C - Liquid KCL Equivalent 20/40 AcFrac PR-6000/Pre-cured (Hexion) 20/40 Super L C Resin/Curable (Santrol) 100 Mesh Sand - Local 40/70 Premium Sand - Local 40/70 Premium Sand - Local 16/30 Premium Northern White Sand Equipment Mileage - Light Equipment Equipment Mileage - Light Equipment 51 - 60 bpm Blender - 1st 2 hrs. Blending Services Frac Pump Services - 51-60 BPM (First 2 Hours) Computer Data Accumalator/Satellite Relay Capable Chemical Delivery - First 4 hours Computerized Liquid Additives Unit Line Truck (Frac Line) & Well Connection Unit Discharge Manifold Trailer Sandmaster - Portable Storage & Delivery System Proppant Pump Charge - 20/40 or Smaller Proppant Pump Charge - 20/40 or Smaller Proppant Pump Charge - 16/30 or Larger Static Mixer, Tank, or 4+ Buckets for Resin-Coating Sand QC Services with Fluid Tech - First 8 hours Cost Estimate Before Applicable Local, County, and State Taxes Are Appl drance unless SPA, LC has approved redef pior to sale, Coeff terms of table for approved accounts are lotal invokery and on the first spanning of the sale shall be table to the sale shall be to sale spanning on the sale shall be to sale spanning to sale sale span	Tuesday, October 19, 2021 Tuesday, October 19, 2021 Product Description LB-1 - Liquid Blocide SP-480 - Multifunctional Additive/H2S Inhibitor W-11 - NE/Surfactant JES-480 - Multifunctional Additive/H2S Inhibitor W-11 - NE/Surfactant JES-480 - Multifunctional Additive/H2S Inhibitor W-11 - NE/Surfactant JES-480 - Multifunctional Additive/H2S Inhibitor JES-480 - JES	County: County:	Legis SEC. 19-731S County: HARPER State: KANSAS Tuesday, October 19, 2021 Job Type: SLICKWATI Product Description Unit of Measure Measure Measure Measure Pricedural List Measure Pricedural Measure Pricedural List Measure Pricedural List Measure Pricedural SP-480 - Multifunctional Additive/H2S Inhibitor gal(s) 48 S50.00 W-11 - NE/Surfactant gal(s) 95 \$28.00 W-11 - NE/Surfactant gal(s) 95 \$28.00 Measure Pricedural Section Section	SEC. 19-T31S-R8W Country HARPER	Country HARPER Field Ticks #. Execution Field Ticks #. Executi		

Soly

Visible John /-	Customer	RXB OIL	& GAS. IN	C.					SR No.:	10	1921		Date:	10/19/	2021	
Second S	/	Customer: R&B OIL & GAS, INC. Well Name: JACK #5									3.0					
Part	(on									2 100 / 2 100						
Desire D											Deel					
	JODL								Treater:				Formation:	MISSIS	SIPPI	
					F D.				riv.tu							N/A
2				Event Type				Clean Volume	Fluid	Proppant	Oone.	Volume				
3				Dest		On the feet			Cli-laM-4-							
101800 AM														00.00	00.45	
5																
Fig. 102200 AM		10:18	MA 00:	Pad	Rate/P	ressure										
Total		10:22	MA 00:	Pad									100000000000000000000000000000000000000	_		
B	6	10:23	:00 AM	Sand	Start	.50#	170	240	SlickWater	100 Mesh	0.50	8030	387.9			
9	7	10:26	:00 AM	Sand	.50# On f	ormation	100	346	SlickWater					31.00		
10	8	10:35	:00 AM	Spacer	Cut	Sand	180	628	SlickWater					30.91	31.74	
11	9	10:37	MA 00:	Spacer	Rate/P	ressure	220	685	SlickWater						31.61	
12	10	10:39:	MA 00:	Sand	Star	rt 1#	240	737	SlickWater	100 Mesh	1.00	15150	362.4	31.65	31.69	
10	11	10:42	MA 00:	Sand	1# On F	ormation	190	841	SlickWater					30.18	31.67	
10.5400 AM	12	10:51:	MA 00:	Spacer	Cut	Sand	240	1099	SlickWater					30.07	31.60	
16	13	10:53	:00 AM	Spacer	Rate/P	ressure	320	1166	SlickWater				109.2	31.40	31.58	
10	14	10:54	:00 AM	Sand	Start	.10#	400	1208	SlickWater	40/70	0.10	1860	359.8	31.41	31.52	
16	15	10:57	:00 AM	Sand	.10# On f	ormation	420	1317	SlickWater					31.08	31.46	
17				Sand					SlickWater	40/70	0.20	3650	388.4	31.19	31.55	
18					.20# On F	Formation								31.10	31.52	
19										40/70	0.30	4750	349.2	31.02	31.46	
20						200										
21										40/70	0.40	5290	300.3			
22 11:36:00 AM Sand Start 50# 660 2e06 SilexWater 40/70 0.50 5520 283.1 4.4.23 45.19 1 23 11:38:00 AM Sand Start 60# 1050 2869 SilexWater 40/70 0.60 6040 239.2 58.03 59.42 11:41:40 AM Sand Start 60# 1050 2869 SilexWater 40/70 0.60 6040 239.2 58.03 59.42 11:41:40 AM Sand Start 7.08 1080 3108 SilexWater 40/70 0.70 6910 255.2 57.69 59.26 11:43:00 AM Sand Start 7.08 1080 3108 SilexWater 40/70 0.70 6910 255.2 57.69 59.41 1.41:40 AM Sand Start 7.08 1080 3108 SilexWater 40/70 0.70 6910 255.2 57.69 59.41 1.41:40 AM Sand Start 7.08 1080 3108 SilexWater 40/70 0.70 6910 255.2 57.69 59.41 1.41:40 AM Sand Start 8.08 1100 3343 SilexWater 40/70 0.80 6460 192.9 57.60 59.52 12 11:45:40 AM Sand Start 8.08 1100 3343 SilexWater 40/70 0.80 6460 192.9 57.60 59.52 12 11:45:40 AM Sand Start 8.08 1080 3556 SilexWater 40/70 0.90 4500 119.2 57.46 59.76 13 11:45:40 AM Sand Start 9.08 1080 3536 SilexWater 40/70 0.90 4500 119.2 57.46 59.76 13 11:45:40 AM Sand 9.09 for Formation 1080 4848 SilexWater 40/70 0.90 4500 119.2 57.46 59.56 13 11:45:40 AM Spacer Cut Sand 1100 3655 SilexWater 40/70 0.90 4500 119.2 57.46 59.54 13 11:45:40 AM Spacer Cut Sand 1100 3655 SilexWater 40/70 0.90 4500 119.2 57.40 59.54 13 11:55:00 AM Sand Start 18 1130 3772 SilexWater 57.00 59.61 16.2 59.97 60.00 7 16.2 59.97 60.											20					
23			The second secon							40/70	0.50	5520	263.1			
24									1809/00/30/30/30/30/30/	40/10	0.00	0020	200.1			
25										40/70	0.60	6040	230.2			
26										40//0	0.00	0040	235.2			
27										40/70	0.70	6010	225.2			
28										40/70	0.70	6910	235,2		N. N 1200	
11:51:00 AM										40/70	0.00	6460	102.0			
30										40/70	0.80	6460	192.9	-		
31										10/70	2.00	4500	440.0			
32										40/70	0.90	4500	119.2			
33																
34							VI 302020									
35				Spacer												
Section	34	11:56	MA 00:	Sand	Sta	rt 1#	1130	3772	SlickWater	16/30	1.00	6020	144.7			
12:00:00 PM	35			Sand	1# On F	ormation	1120	3875	SlickWater							
38 12:01:00 PM Sand Start 2# LRC 1060 4062 SlickWater 16/30 LRC 2.00 8470 101.8 55.07 58.90 39	36	11:59	:00 AM	Sand	Start	1.50#	1080	3916	SlickWater	16/30	1.50	9110	145.9		58.79	
39	37	12:00	:00 PM	Sand	1.50# On	Formation		4017						200000000000000000000000000000000000000		
12:03:00 PM	38	12:01	:00 PM	Sand	Start 2	2# LRC	1060	4062	SlickWater	16/30 LRC	2.00	8470	101.8	55.07	58.90	
12:04:00 PM	39	12:03	:00 PM	Sand	2# LRC	On Form.	1170	4161	SlickWater					55.95	59.04	
Shut Down/ISIP Sou 4355 Shut Down/ISIP Sou Shut Down/ISIP Shut	40	12:03	:00 PM	Flush	Cut Sand/	Clean Tub	1180	4164	SlickWater				31.4	54.11	59.04	
FLUID ADDITIVES	41	12:04	:00 PM	Flush	On F	Flush	1320	4195	SlickWater				159.4	58.86	58.99	
FLUID ADDITIVES	42	12:07:	:00 PM		Shut Do	wn/ISIP	500	4355								
Chemical Name Design Used PROP Design Used Conc. Size lbs BBLS Ave Rate 50 fluid type Design Used LB-1 52 100 Mesh 23180 Max Rate 60 CLEAN 435 SP-480 49 40/70 44980 Pad Rate DIRTY 446 W-11 99 16/30 15130 Sand Rate 0 FRA-1 72 6/30 LRC 8470 Flush Rate 0 PB-1 41 0 Ave PSI 840 0 KCL-LC 196 0 Max PSI 1420 0 O Total 91760 PSI Pad 0 O SHUT-IN PRESSURES PSI Sand 0 O ISIP 500 PSI Flush 0 BR-A Rate 0 PSI Flush 0 Break Rate 0 Wireline PSI BBL Horse Power 1031 15 Min																
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SP-480 49 40/70 44980 Pad Rate DIRTY 446 W-11 99 16/30 15130 Sand Rate 0 FRA-1 72 6/30 LRC 8470 Flush Rate 0 PB-1 41 0 Ave PSI 840 0 KCL-LC 196 0 Max PSI 1420 0 0 Total 91760 PSI Pad 0 0 SHUT-IN PRESSURES PSI Sand 0 0 ISIP 500 PSI Flush 0 B.H.F.P. 2402 5 Min 0 Break Rate 0 Frac Gradient 0.55 10 Min TVD 4390 Break Psi Wireline PSI BBL Horse Power 1031 15 Min Flush S.G. 1 SS PSI 0 CASING & TUBULAR DATA Comments Comments												The second of the second				4355
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