

104 Prairie Plaza Parkway - Garnett, Ks 66032

						ES INC					i 		
Contomer	Owens P	etroleum	-		Customer Name:	Bryson Owen	s	Ticket No.:			50184		
Address:					Contractor:			Date:	11/30/20	117	!		
City, State, 21p:					Job type	Longstring	1	Well Type:	Oil †		!		
	10-11	V-			Well Details:	Sec	:	Twp:	 		Áz		
Service District:								 	5		Kansas		
Well same & No.	Collins 9	-c			Well Legation:	Piqua	County	Woodson			J		
Equipment #	Driver	Equipment#	Driver	Equipment #	Driver	TRUCK CALL				AM PM AM PM	! !		
230	Kevin		!	<u> </u>		ARRIVED AT		<u> </u>	- **	31			
240	Mark	<u> </u>	<u>!</u>	1		START OPER			-	PN PV			
24	Jake	<u> </u>	 			FINISH OPER	AHON	1	~				
		1	<u> </u>			RELEASED MILES FROM	STATION T	O MELL		1 ==	50		
						MILES FROM	SERTION	O WELL			1		
				······································					-		1		
											1		
							List	Gross					
Product/Service Code	Descriptio	n			Unit of Measure	n Quantity	Price/Unit	n Amount	ſ!		Net Amo		
:001		uip. One Way			mi	50.00	\$3,25	\$162.50			\$121		
:002		ip. One Way			mi	50.00	\$1.50	\$75,00			\$56		
:004		Ton Mile Charg	e		ea	1.00	\$300.00	\$300.00			\$225		
:020	Cement				ea	1,00	\$675.00	\$675.00	<u> </u>		\$506		
p008	70/30 Po	zmix Cement			sack	111.00	\$13.70	\$1,520.70	 		\$1,140		
:p014	Bentonite				lb	196.00	\$0.30	\$58.80			\$44		
p038	Rubber F	Plug 2 7/8			ea	1.00		\$30.00	 		\$22		
p014	Bentonite	Gel			lb	200.00	\$0.30	\$60,00	 		\$45		
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	N SECTIONS	ANGEST STATE OF STREET							120				
										100000000000000000000000000000000000000			
		micane Services Inc. (48/) bas anom	ued credit prior to sale.			BICTER STATE COLORS		2 TO 12 TO 1	H2122.5695.4	Co. 404		
Credit terms of sale fo	r annroyed ac	counts are total invoice	due on or befo	ire the 30th day from thi	·		Gross	\$ 2,882.00	<u> </u>	et:	\$2,161		
ner month of the maxi	mum aliowabi	nay pay interest on the te by applicable state o	r federal laws il	such laws umit interest	Tota	Taxable	1\$ -	Tax Rate	=	 ⊢⊢			
to a lesser amount. In	the event it is:	necessary to employ a	n agency and/o	r attorney to affect the rorindirectly incurred fo	Frac and Acid 8	ervice treatments desi zion on newly dililed o	igned with Intent to a mistion walls ar	<u> </u>	Sale T	ax. \$	i		
such collection, in the	eventthat Cu:	stomer's account with i	45i becomes d	elinquent, HSI has the	increase produc	not taxable.		•	To	al: \$	2,161		
right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full knoice price without discount will become immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue.					Code	of Society	1	1	1/30/2011	ł			
sellection Drives and	art are actimat	tes only and are good t te, or local taxes, or ro	for 30 days from	Jake Heard									
Actual charges may v	ary depending	upon time, equipment	, and material i	HSI Representative: Jake Heard									
perform these service DISCLAIMER NOTICE	s, Discount rai	te is based on 30 days	net payment te	ims of cash.			Custo	mer Comments:			:		
This technical date is	presented in a	ood faith, but no warra ns made concerning to	nty is given by a	and H.S.I assumes no ained from the use of						}			
any enductor conjec	The informa	lion presented is HS! b	est estimate of	the actual results that			:			1			
may be achieved and production performant	skould be use on. Customer	ed for comparison purp warrants that well and	oses and make I all associated	equipment in acceptable equipment in acceptable			į				:		
	ervices by H.S.	J. Likewise, the custom	ter will guaranti	e proper operational			*				:		
condition to receive Sa	wned broduct	en and appropriated effi-			1					1			
condition to receive sa care of all customer of parforming services w	wich could are	versely affect the perfo	mance of suc	n Selvices.						1			
condition to receive sa care of all customer of parterming services to	wich could are	versely affect the performance receipt and acceptance	e of all terms ar	n services. ad conditions slated			:						
condition to receive so care of all customer o performing services w Authorization below a	wich could are	versely effect the performance receipt and acceptance	e of all terms a	n services. Rd conditions sloted			1						

CEMENTING LOG

Company	Owene	Petrol	eum			Lease				Well Name/No.	Collins 9	I-c i	
	ompany Owens Petroleum ype Job Longstring					Type & Amt Material 70:30 2% Gel							!
ield congating						Ticket Nu		50183	- 1		<u> </u>		
		· · · · · · · · · · · · · · · · · · ·											
CASING DATA Size 2.875"				Туре				Weight	:	6.4 Collar	1	:	
Casing Depths	-	Тор			otton	n 8:	30'						
Drill Pipe:		Size		T)	Veigh	t		Collars					
Open Hole:		Size	5.875"	1	r.D. (ft	:) 84	40'	P.B. to (ft)	:				
CAPACITY FA	CTOR5											1	
Casing		Bbls/I	in. ft.				0.00579	Lin. ft./8bl	i		1		
Open Holes		Bbls/	in ft.					Lin. ft./Bbl	:		i	:	
Drill Pipes		Bbls/						Lin. ft./Bbl	<u>:</u>			į	
Annulus			in. ft.				0.0255	Lin. ft./8bl Lin. ft./8bl	·		- il	:	
0-foretions		From	(fr.)			То		Amount				· .	
Perforations		11011	(14)									į	
CEMENT DAT												:	
Spacer Type						43/ Da	nsity (PPG)		:		į		
Amt, 1288	<u> </u>	Sks Yi	eld			π /sk De	risity (PPO)				1		* *
										· ·		:	
		., .									11		
LEAD									-				
Pump Time (I	hrs)					Type			Excess				
Amt.		Sks Y	ield			ft ³/ _{sk} De	nsity (PPG)				<u> </u>		
TAIL										<u> </u>			
Pump Time (hrs)						0:30 2% Gel		Exces	Š	20%	;	
Amt.		L Sks Y	ield		1.28	3 ft ³/ _{sk} De	nsity (PPG)			<u> </u>	14.5		
WATER													
Lead			gals/sk	ζ		Tail		5.91 gals/sk	Total	(Bbls.)	15.61	į	
Pump Trucks	Used		•							1	230	·	
Bulk Equipme	ent									•	Ì	i	
·											240		
1										:	2-1		
Float Equipm	nent: Ma	inutaci	urer						Depti	: 1			
Shoe: Type									Depti				
Float: Type Centralizers:	Ouan	titv				Plugs: To	op TRP		Botto	1	\	!	
Stage Collars		,								.		;	
Special Equip											ļ		
Disp. Fluid T						Amt. (B	bls.)	4.8		ht (PPG)	İ		
Mud Type	WBM								weig	ht (PPG)		.l 	
			_					CENTERITER	1:	: ake Heard	ļ	!	
COMPANY RE	PRESENT	ATIVE	Bryso	n Ower	1S			CEMENTER		i i			
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TIME	<u> </u>		SURES P	<u>SI</u>	<u> </u>		ID PUMPED I		<u> </u>	: REN	MARKS	!	
AM/PM		ILL PIPE	AN	NULUS		OTAL	PUMPED/ TIME PERIOD	RATE (88LS MIN.)		:			
	1 0	asing				rnio [THRE PENIOD	(1111)	lon in	ocation safety meeting		i	
	+				<u> </u>	l		 		in and rig up			
	<u> </u>		- 	**-	 					c up to tubing		ì	
-		7	50		i	5		3	Brea	k circulation			
			00		<u>i</u>	12				p gelled water			
	\dashv		.00		1	3				pifresh water		<u> </u>	
			00			5				pidyed water		<u> </u>	
		1	150		!	25.3		<u> </u>		and pump cement		l :	·
	_ [_		 				Stop	h pump and lines		<u>' </u>	
			<u> </u>		 _	·	! i	1		o plug			
	-		1		i	4.8	<u></u>	- -	Disp				
-			100 100		 	**.0				p plug] :	
	1	<u>+</u> .	l		`			<u> </u>		ase pressure			
	+				 					t in well			
-			- -		i		i			sh up pump		<u> </u>	
	 -				Ĺ.					down and leave location		1 ;	
					1		!		Tha	nks Jake, Kevin, and M	ark	<u> </u>	-
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