

250 N. Water, Ste 200 - Wichita, Ks 67200

HIJDDICANE SERVICES INC

104 Prairie Plaza Parkway Garnett, Ks 66032

25011. 1721	L., D.L. 200	- Wichita, No		HURRICAN	E SEKAICI	c2 INC	:		1				
Cus terner	Owens Pe	troleum			Gustomer Name:	Bryson Owen	s	Ticket No.	[5017	/1	
Address:					Contractor:			Date:	10/25/2	:027	<u>' :</u>		
Chy, State, 21ps		ě			aqys det	Longstring	: <u> </u>	Well Туре:	Oii		<u>.</u>		
Service Bistrict:	Garnett, R	5 Made	70P		Well Datalis:	\$ec		Twp:			·R	-	
Well name & No.	Reno # 22	-1-10]	Well Location:	Piqua	: County:	Woodson	S	ta te:		Kansas	
Equipment#	Driver	Equipment#	Driver	Equipment#	Driver	TRUCK CALL	ED				PIJ:	TIME	
230	Kevin	<u> </u>	[· ·	ARRIVED AT			· !		## ##	<u>. [</u>	
241	Ron	<u> </u>	<u> </u>	1		START OPER					PAI ANI: PAI	1	
24	Jake]	<u> </u>	1		RELEASED	0411011		i		AM.	İ	
		<u> </u>	1	i		MILES FROM	STATION T	O WELL	1				
							:						
·									1				
Product/Service Code	Description	1			Unit of Measure	Quantity	List Price/Unit	Gross Amount				Net Amount	
Cirde							i				[
							!		 		:		
c004		Ton Mile Charg	je		ea	1.00	\$675.00	\$300.00 \$675.00		: !		\$225.00 \$506.25	
c020 cp008	Cement P	ump mix Cement			ea sack	96.00	\$13.70	\$1,315.20	_			\$986.40	
cp014	Bentonite		_		lb	169.00	1	\$50.70				\$38.03	
cp038	Rubber P	lug 2 7/8			ea	1,00		\$30,00		1	:	922.00	
cp014	Bentonite	Gel	<u> </u>		lb_	200.00	\$0.30	\$60.00	╁	<u> </u>		\$45.00	
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TERMS: Cash in adus	nce upless Hur	ricane Services Inc. (i	HSI) has approv	ed credit prior to sale.				: \$ 2,430.90	E STEELE	Net	TO GRACE SE	\$1.823.18	
Credit terms of sale for	or approved acc	ounts are total invoice av nav interest on the	i due on or befo balance bast di	re the 30th day from th ie at the rate of 1 1/2%		i Taxable	s -	Tax Rate		1466	 		
per month or the max	eldswolls mumi	, by applicable state of accessivito ampley si	r tedetet laws it o'dans voneon n	such laws limit interest rationary to affect the	Employed Acids	serviço treatments de:	signed with intent to)	Sale	Tax	5		
collection of said account, Customer hereby agrees to pay all fees directly of mainscaymourred to					increase produ			otal		1,823.18			
rouncation the full inv	fight to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and subject to					Date of Service:				0/25/2017			
Collection. Prices quoted are estimates only end are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royatises and stated price adjustments. Actual changes may vary depending upon time, equipment, and material ultimately required to perform these services. Discount rate is based on 30 days not payment terms or cash. DISCL AIMER NOTICE:					HSI Representative: Jake Hea Customer Comments:					ırd			
												:	
This technical data is liability for advice or n	İ												
any product or service													
may be achieved and should be used for compailson purposes and make no guarantee of future production performance. Customer warrants that well and all associated equipment in acceptable condition to receive services by H.S.I. Likewise, the customer will guarantee proper operational					ie								
care of all customer	owned production	n and associated equ presty affect the perio	apment, while r	Selvices.			-						
Authorization below a above.	scknowledges re	scelpt and acceptance	e of all terms an	d conditions stated	1					1			
x					1								
CUSTOMER A	UTHORIZ	ED AGENT			L					<u>+</u>			

CEMENTING LOG

	Owens Petr	oleur	n		Type & Amt Material 70:30 2% Gel						
	Longstring							6 G8I	- -		
Field	d Ticket Number 50171										
CASING DATA								1	<u> </u>	:	
Size 2.875"			Type				Weight	6.4 Collar	+		
Casing Depths:				Botton		621					
Drill Pipe:	Size			Weight			Collars				
Open Hole:	Size	5	.875"	T.D. (ft	:) 8	81'	P.B. to (ft)				
CAPACITY FACT	TORS			<u> </u>				i			
Casing		s/Lin.	ft.			0,00579	Lin. ft./Bbl				
Open Holes	Bbls	s/Lin.	ft.				Lin. ft./Bbl				
Drill Pipes	Bbls/Lin. ft. Lin. ft./Bbl										
Annulus	Bb/s/Lin. ft. 0.0255 Lin. ft./Bb/								- !		
	Bbls/Lin. ft. Lin. ft./Bbl										
Perforations	Fro	m (ft)			То		Amount		<u> </u>		
CEMENT DATA	\		• • • • • • • • • • • • • • • • • • • •						!	<u>'</u>	
	Gelled wat	er									
Amt. 12 BBL	Sks	Yield			ft 3/., De	ensity (PPG)					
									<u> </u>		
I FAC		-									
LEAD								Supper		i	
Pump Time (h					Туре			Excess			
Amt.	Sks	Yield			ft 7 _{sk} De	ensity (PPG)					
TAIL											
Pump Time (h	rs)				Туре	70:30 2% Gel		Excess	20%	1	
Amt.	96 Sks	Yield	ī	1.28	ft 3/4 De	ensity (PPG)		• .	14¦5	·	
									_		
WATER			-1-6-1-		Tail		5.91 gals/sk	Total (Rble)	13!5		
Lead	land	Ε	gals/sk		tali		2.31 Eals/sv	Local (polar)	230		
Pump Trucks (
Bulk Equipmer	II.										
1								•	241		
Float Equipme	nt: Manufa	cture	er					•			
Shoe: Type								Depth	-		
Float: Type								Depth			
Centralizers: Quantity					Plugs: T	op TRP		Bottom	l		
Stage Collars								:			
Special Equipr	nent								-		
Disp. Fluid Type					Amt. (8	bis.)	4.99	Weight (PPG)	, i		
Mud Type	WBM							Weight (PPG)	-	<u> </u>	
										•	
COMPANY REP	RESENTATIV	E .	Bryson Owe	ns			CEMENTER	Jake Heard			
									<u> </u>	:	
TIME	PR	ESSU	RES PSI		FLU	ID PUMPED D	ATA			:	
	DRILL PIE			TO	DTAL	PUMPED/	RATE	REMAR	KS		
AM/PM	CASING		ANNULUS	F	LUID	TIME PERIOD	(BBLS MIN.)				
	1	1		T				On location safety meeting			
	<u>, </u>	- i		Ť			1	Spot in and rig up	1		
	i			1				Hook up to tubing		<u> </u>	
11:19 AM	i	200			5			Break circulation	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
		200			12			Pumpgelled water			
		200			3			Pump fresh water			
		200			5			Pump dyed water			
		150		<u> </u>	21.88		<u> </u> 3	Mix and pump cement	 +		
							 	Stop			
				<u> </u>			<u> </u>	Wash pump and lines		i	
	<u> </u>			1	4.64		1 3	Drop plug Displace	┿		
	<u> </u>	300		 	4.99	<u> </u>		Bump plug			
11:48 AM	41 :	1500		 		<u> </u>	 	Release pressure			
	Ļ <u>.</u>			 		<u> </u>		Shut in well	- i		
	 			 		<u> </u>	<u> </u>	Wash up pump	$\overline{}$,	
	1			+		<u>'</u>	1	Rig down and leave location	-	r .	
	+			+		<u> </u>	 	Thanks— Jake, Kevin, and Ron			
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	+			+			1				
	+			+		 	1				
				 			<u> </u>				