AUTHORIZATION

CEMENT FIELD TICKET AND TREATMENT REPORT

tomer	271666 CEME	State, County	Chautauqua , Kansas	Cement Type	CLASS A
Туре	Long String	Section	18	Excess (%)	30
stomer Acct #	4291	TWP :	35	Density	14
Il No.	Newman #18-3	RGE	10	Water Required.	7.9
ling Address		Formation		Yeild	1.74
& State		Tubing		Sacks of Cement	170
Code		Drill Pipe		Slurry Volume	52.7 bbl
itact .		Casing Size	4 1/2"	Displacement	26.4
ail		Hole Size	6 3/4"	Displacement PSI	300-700
		Casing Depth	1661'	MIX PSI	300
patch Location	, ' BARTLESVILLE	Hole Depth		Rate	5 bpm
ie .	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401	CEMENT PUMP (2 HOUR MAX)	1.	2 HRS MAX	\$1,085.00	\$ 1,085.00
5402	FOOTAGE	1661	PER FOOT	\$0.23	\$ 382.03
5406	EQUIPMENT MILEAGE (ONE-WAY)	55	PER MILE	\$4.20	\$ 231.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$368.00	\$ 368.00
5621	4 1/2 INCH PLUG CONTAINER	1	PER UNIT	\$215.00	\$ 215.00
0	L		0	\$0.00	.\$ -
0	•		0	\$0.00	-
0			0	\$0.00	\$
0			0	\$0.00	\$ -
				EQUIPMENT TOTAL	\$ 2,281.03
	Cement, Chemicals and Water				
1126	WC. CEMENT (CAL SEAL) 6%OWC. 2% CALCLORIDE 2% GE		0	\$19.75	\$ 3,357.50
1107A	PHENOSEAL	'80:	0	\$1.35	\$ 108.00
1110A	KOL SEAL (50 # SK)	1050	0	\$0.46	\$ 483.00
1111	GRANULATED SALT (50#) \$ELL BY #	1100	0	\$0.39	\$ 429.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$
0	1		00	\$0.00	\$
0			0	\$0.00	\$:
0			0	\$0.00	\$.=
0			. 0	\$0.00	\$
0			0	\$0.00	\$:
0			0	\$0.00	. \$ -
0		, ,	0	\$0.00	\$ -
0			0	\$0.00	\$
		1	- X	Chemical Total	\$ 4,377.50
	Cement Water Transports				-
0			0	\$0.00	-
0			0	\$0.00	'\$ -
0			0	\$0.00	\$ -
				Transports Total	\$
	Cement Floating Equipment (TAXABLE)			,	
	Cement Basket				
0			0	\$0.00	.\$ -
	Centralizer	VANDAGE CO.		-	
0			0	\$0.00	.
0			0	\$0.00	\$ -
	Float Shoe				
0			0	\$0.00	\$
	Float Collars				
0			0	\$0.00	\$ -
	Guide Shoes				
0			0	\$0.00	\$
· · · · ·	Baffle and Flapper Plates	· · · · · · ·	' 	40.00	
0	The state of the s	· · ·	0	\$0.00	\$ -
	Packer Shoes				
	I		0	\$0.00	\$ -
0	I				
0	DV Tools		A STATE OF THE STA		
0	DV Tools		0	\$0.00	\$ -
	DV Tools Ball Valves, Swedges, Clamps, Misc.		0	\$0.00	
			0	\$0.00	\$ -
0					
0			0	\$0.00	\$ -
0 0 0			0 0 0	\$0.00 \$0.00 \$0.00	\$ - \$ - \$ -
0 0 0	Ball Valves, Swedges, Clamps; Misc.	4	0	\$0.00 \$0.00	\$ - .\$ •
0 0 0	Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers	4	0 0 0	\$0.00 \$0.00 \$0.00	\$ - \$ - \$ -
0 0 0	Ball Valves Swedges, Clamps, Misc. Plugs and Ball Sealers 4 1/2" RUBBER PLUG	4	0 0 0	\$0.00 \$0.00 \$0.00	\$ - \$ - \$ -
0 0 0 0 0 4404	Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4 1/2" RUBBER PLUG Downhole Tools	H	0 0 0 0	\$0.00 \$0.00 \$0.00 \$47.25	\$ - \$ - \$ 47.25
0 0 0 0 4404 0	Ball Valves Swedges, Clamps, Misc. Plugs and Ball Sealers 4 1/2" RUBBER PLUG Downhole Tools DRIVER NAME		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00 \$47.25 \$0.00 QUIPMENT TOTAL SUB TOTAL	\$ - \$ - \$ 47.25 \$ 47.25 \$ 6,705.78
0 0 0 0 4404 0	Ball Valves, Swedges, Clamps, Misc. Piugs and Ball Sealers 4*1/2* RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders		0 0 0 0 PER UNIT 0 CEMENT FLOATING E	\$0.00 \$0.00 \$0.00 \$47.25 \$0.00 QUIPMENT TOTAL: SUB TOTAL SALES TAX	\$ - \$ - \$ 47.25 \$ 47.25 \$ 6,705.78 \$ 342.50
0 0 0 0 4404 0 TRUCK###	Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders James Ness		0 0 0 0 PER UNIT 0 CEMENT FLOATING E 0 8.15%	\$0.00 \$0.00 \$0.00 \$47.25 \$0.00 QUIPMENT TOTAL SUB TOTAL SALES TAX TOTAL	\$ - \$ - \$ 47.25 \$ 6,705.76 \$ 342.55 \$ 7,066.40
0 0 0 0 4404 0	Ball Valves, Swedges, Clamps, Misc. Piugs and Ball Sealers 4*1/2* RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders		0 0 0 PER UNIT 0 CEMENT FLOATING E 0 8.15%	\$0.00 \$0.00 \$0.00 \$47.25 \$0.00 QUIPMENT TOTAL SUB TOTAL SALES TAX TOTAL (-DISCOUNT)	\$
0 0 0 0 4404 0 TRUCK###	Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sealers 4 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders James Ness		0 0 0 PER UNIT 0 CEMENT FLOATING E 0 8.15%	\$0.00 \$0.00 \$0.00 \$47.25 \$0.00 QUIPMENT TOTAL SUB TOTAL SALES TAX TOTAL	\$ - \$ - \$ 47.25 \$ 6,705.76 \$ 342.55 \$ 7,066.40

I ACKNOWLEDGE THAT THE PAYMENT TERMS, UNLESS SPECIFICALLY AMENDED IN WRITING ON THE FRONT OF THE FORM OR IN THE CLISTOMER'S ACCOUNT RECORDS, AT OUR OFFICE, AND CONDITIONS OF SERVICE ON THE BACK OF THIS FORM ARE IN EFFECT FOR SERVICES IDENTIFIED ON THIS FORM.

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CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Kansas Energy	State, County	Chautauqua , Kansas	Cement Type	CLASS A
Job Type	Long String	Section	18	Excess (%)	30
Customer Acct#	0	TWP	35	Density	14
Well No.	Newman #18-3	RGE	10	Water Required	7.9
Mailing Address	0	Formation	0	Yeild	1.74
City & State	0	Tubing	0	Sacks of Cement	170
Zip Code	0	Drill Pipe	0	Slurry Volume	52.7 bbl
Contact	0	Casing Size	4 1/2"	Displacëment .	26.4
Email	0 -	Hole Size	6 3/4°	Displacement PSI	300-700
Cell	0	Casing Depth	1661'	MIX PSI	300
Dispatch Location	BARTLESVILLE	Hole Depth	0	Rate	5 bpm
Time:	Description	Rate (bpm)	Volume (bbl)	Pressure	Notes
Amou	int of Cement Left in Casing				
		Remarks:			
Established circ., r.	an 170sx of Class "A" cement w/ 6% OWC, 2% gel, 2% c				, dropped plug
	and displaced to set. Landed plug @ 1200#, plu	g held. Circulated c	ement to surface, shut down a	ind washed up.	

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		expend 15		9	