

## CEMENT FIELD TICKET AND TREATMENT REPORT

Magnum Engineering Long String  Defenbaugh #29  BARTLESVILLE ment Pump Charges and Mileage CEMENT PUMP (2 HOUR MAX) EQUIPMENT MILEAGE (ONE-WAY) TON MILEAGE DELIVERY  FOOTAGE  ment, Chemicals and Water c. CEMENT (CAL SEAL) 6%OWC. 2% CAL.CLORIDE 2% GEI PHENOSEAL KOL SEAL (50 # SK) GRANULATED SALT (50#) SELL BY # CITY WATER (PER 1000 GAL) PREMIUM GEL/BENTONITE (50#)	State, County Section TWP RGE Formation Hole Size Hole Depth Casing Size Casing Depth Drill Pipe Tubing Quantity 1 60 300  730  85 40 500 450 5,460.0 100	Montgomery , Kansas  6 3/4 731 4 1/2INCH, 730  Unit 2 HRS MAX PER MILE PER MILE 0 0 0 0 PER FOOT  E 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cement Type Excess (%) Density Water Required Yeild Slurry Weight Slurry Volume Displacement PSI MIX PSI Rate Price per Unit \$1,030.00 \$4.00 \$1.34 \$0.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	11.3 500 300 4.5  1,030.00 240.00 402.00 160.60 1,832.60
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C. CEMENT (CAL SEAL) 6%OWC. 2% CAL.CLORIDE 2% GEI PHENOSEAL KOL SEAL (50 # SK) GRANULATED SALT (50#) SELL BY # CITY WATER (PER 1000 GAL)	40 500 450 5,460.0	0 0 0 0	\$18.80 \$1.29 \$0.46	\$ \$	1,598.00
C. CEMENT (CAL SEAL) 6%OWC. 2% CAL.CLORIDE 2% GEI PHENOSEAL KOL SEAL (50 # SK) GRANULATED SALT (50#) SELL BY # CITY WATER (PER 1000 GAL)	40 500 450 5,460.0	0 0 0	\$1.29 \$0.46	\$	
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KOL SEAL (50 # SK) GRANULATED SALT (50#) SELL BY # CITY WATER (PER 1000 GAL)	500 450 5,460.0	0	\$0.46	\$	51.60
GRANULATED SALT (50#) SELL BY # CITY WATER (PER 1000 GAL)	450 5,460.0	0			230.00
CITY WATER (PER 1000 GAL)	5,460.0			\$	166.50
			\$0.02	\$	109.20
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		0	\$0.00	\$	and the second second
		0	\$0.00	\$	
		0	\$0.00	\$	
			CHEMICAL TOTAL	\$	2,176.30
		Tarak et al. and a second	CHEWICAL TOTAL	Φ	2,170.50
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WATER TRANSPORT (CEMENT)	3	TER TRANSPORT (CEME		\$	336.00
		0	\$0.00	\$	•
		0	\$0.00	\$	
			RANSPORT TOTAL	\$	336.00
ment Floating Equipment (TAXABLE)	Special Control				
ment Basket					
		0	\$0.00	\$	
ntralizer					
		0	\$0.00	\$	
at Shoe					
		0	\$0.00	\$	•
at Collars	the version				
		0	\$0.00	\$	
de Shoes		<b>"性能力"(</b> 1960年)中央			
		0	\$0.00	\$	
fle and Flapper Plates					
DESCRIPTION OF THE PROPERTY OF		0	\$0.00	\$	
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		0	\$0.00	\$	
Tools					
		0	\$0.00	\$	
Valves Swedges Clamps, Misc.					
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WITHOUG TOOIS	Messal and and	1 0	\$0.00	\$	
	AND THE PROPERTY OF				45.00
DRIVER NAME		ozz i zoriinto z		\$	4,389.90
John Wade		6.30%	SALES TAX	\$	139.94
James Ness			TOTAL	\$	4,529.84
Jeff F.			50 50		452.98
		DISC	OUNTED TOTAL	\$	4,076.86
Marrs, Casey				123 1	
at a	t Shoe  t Collars  te Shoes  te Shoes  te and Flapper Plates  ter Shoes  Tools  Valves, Swedges, Clamps, Misc.  Se and Ball Sealers  4' 1/2" RUBBER PLUG  Inhole Tools  DRIVER NAME  John Wade  James Ness  Jeff F.	t Shoe  t Collars  te Shoes  te and Flapper Plates  ter Shoes  fools  Valves, Swedges, Clamps, Misc.  S and Ball Sealers  4' 1/2" RUBBER PLUG  nhole Tools  DRIVER NAME John Wade James Ness Jeff F.	Interest	Serial Basket   Serial Baske	Serial Basket   Serial Baske

AUTHORIZATION

DATE 02/13/2013

FOREMAN Galukal

## 5220000482

## CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Magnum Engineering	State, County	Montgomery, Kansas	Cement Type	CLAS <u>S</u> A
Customer Acct #	Long String	Section		Excess (%)	.25_
Well No.		TWP		Density	14
Mailing Address	Defenbaugh #29	RGE		Water Required	0
City & State	0	Formation	0	Yeild	1.74
Zip Code	0	Hole Size	6 3/4	Slurry Weight	0
Contact	0	Hole Depth	731	Slurry Volume	0
Email	0	Casing Size	4 1/2INCH,	Displacement	11.3_
Cell	0	Casing Depth	730	Displacement PSI	500
Office	0	Drill Pipe	0	MIX PSI	300
Dispatch Location	BARTLESVILLE	Tubing		Rate	4.5

Hooked up to well and pumped 5bbl water ahead of a 100# gel sweep to surface. Ran 85 sacks of Chap mix cement. Shut down and washed pump and lines. Droped plug and displaced 11.3 bbl water and landed plug at 1100psi. Released press and plug held. Put 200psi back on plug and shut in per request of customer. Top of well. Cement circulated to surface. Thank You.

SAFTY MEETING