

Mud Rotary Drilling
 Andrew King - Manager/Driller

Bar Drilling, LLC
 Phone: (719) 210-8806

1317 105th Rd.
 Yates Center, KS 66783

Company/Operator Imperator Investments LLC 1305 W 40th St Kansas City, MO 64111		Well No. 12	Lease Name Herder	Well Location 550's, 1980e Woodson	1/4 NW	1/4 SE	1/4 SW	Sec. 28	Twp. 25	Rge, 18E	
Well API # 15-001-30962		Type/Well Oil	County Woodson	State KS	Total Depth 875		Date Started 5/16/2014	Date Completed 5/18/2014			
Job/Project Name/No.		Surface Record			Bit Record			Coring Record			
Driller/Crew	Bit Size:	11 1/4	Type PDC	Size 11 1/4	From 0'	To 20'	Core #	Size	From	To	% Rec.
Andy King	Casing Size:	7"	PDC	5 7/8	20'	875					
	Casing Length:	20'									
	Cement Used:	10sx									
	Cement Type:	Portland									

From	To	Formation	From	To	Formation	From	To	Formation
0	12	overburden						
12	86	lime						
86	145	shale						
145	217	lime						
217	220	shale						
220	250	lime						
250	256	shale						
256	295	lime						
295	417	shale						
417	425	lime						
425	454	sandy shale						
454	489	lime						
489	547	sandy shale						
547	595	lime						
595	625	sandy shale						
625	643	black shale						
643	650	(5') lime						
650	654	sandy shale						
654	735	lime						
735	736	grey shale						
736	790	sandy shale						
790	850	sandy shale						
850	870	shale						
870	875	black shale						

Well Notes:

Customer Signature

Called by Trent

20 SKS @ 870
 10 SKS @ 650
 62 SKS @ 300 To Surface

Remarks: Set Cement Plug As follows:

Quantity Or Units	Description of Services or Product	Pump charge	Estimated Total
60	Mileage	\$3.25/Mile	195.00
92 Sacks	60/40 Permix cement	12.00	1104.00
160 lbs	60/40 Permix cement	3.00	48.00
5 Hrs	Water Truck	84.00	420.00
60 miles	Truck # 11	1.50	90.00
	Rental 1" Stival + HP. Hoses	50.00	50.00
4 Tons	Bulk Truck	1.30	312.00
	Plugs		
	Subtotal		3009.00
	Sales Tax		85.25
	Estimated Total		3094.25

Job Type:	Plug to Annular
Driver	Jerry
Truck #	201
Displacement:	302
Displacement PSI:	105
Casing Weight:	875
Casing Size:	5 7/8
Hole Depth:	875
Bridge Plug:	
Tubing:	
Packer:	
PBD:	
Cement Left in Casing:	
Customer	Imperator Invest, LLC
Mailing Address	1305 W. 40th ST. Kansas City MO 64111
City	Kansas City
State	MO
Zip	64111
Date	6-12-14
Customer #	Header # 12
Well Name & Number	Header # 12
Sec./Township/Range	28-255-18E
County	Allen



Hurricane Services, Inc.
 3613 A Y Road
 Madison, KS 66860
 Office # 620-437-2661
 Brad Cell # 620-437-6765

HURRICANE SERVICES INC
 OILFIELD SERVICES
 MADISON, KANSAS

Cement Service ticket

Ticket Number 100491
 Location Madison
 Foreman Brad Butler