

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. 11	Lease Name Herder	Well Location 1190's, 1980e	1/4	1/4	1/4	Sec. 28	Twp. 25	Rge, 18E	
Well API # 15-001-30962		Type/Well Oil	County Woodson	State KS	Total Depth 908	Date Started 5/15/2014	Date Completed 5/16/2014				
Job/Project Name/No.		Surface Record		Bit Record				Coring Record			
Driller/Crew	Bit Size:	Type	Size	From	To	Core #	Size	From	To	% Rec.	
Andy King	11 1/4"	PDC	11 1/4"	0'	20'						
	Casing Size:	PDC	5 7/8"	20'	908'						
	Casing Length:										
	Cement Used:										
	Cement Type:	Portland									

From	To	Formation	From	To	Formation	From	To	Formation
0	12	overburden	845	902	shale			
12	61	lime						
61	70	shale						
70	190	lime						
190	203	shale						
203	299	lime						
299	457	shale						
457	490	lime						
490	553	shale						
553	651	lime						
651	660	shale						
660	664	lime						
664	667	shale						
667	668	lime						
668	800	sandy shale						
800	804	grey shale						
804	808	broken oil sand						
808	814	oil sand						
814	820	mostly shale						
820	824	some sand						
824	828	some sand						
828	833	some sand						
833	839	oil show						
839	845	oil sand						

Well Notes:
 ran 902' of 2 7/8" pipe.

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

Ticket Number 100479
 Location Madison
 Foreman Brad Butler

Cement Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
5-16-14		Header # 11	28-235-18E	Allen
Customer Imperator Invest, LLC		Mailing Address 1305 W. 40th St.	City Kansas City	State Zip MO. 64111

Job Type:	Truck #	Driver
Longstring	201	Jerry
Hole Size: 5 7/8"	203	Bryan
Hole Depth: 908'	106	Eric
Bridge Plug:	107	James
Packer:		

Quantity Or Units	Description of Services or Product	Pump charge	
60	Mileage	\$3.25/Mile	790.00 195.00
102 SACKS	Thick set cement	18.60	1897.20
200 lbs.	Gel Flush	.30	60.00
4 1/2 Hrs.	WATER TRUCK #106	84.00	378.00
4 1/2 Hrs.	WATER TRUCK #107	84.00	378.00
60 miles	TRUCK #11	1.50	90.00
6 Tons	Bulk Truck	1.30	468.00
2	Plugs 2 7/8" Top Rubber	25.00	50.00
		Subtotal	4306.20
		7.4% Sales Tax	148.53
		Estimated Total	4454.73

Remarks: Rig up to 2 7/8" Tubing, Break circulation with 5 Bbls WATER, Pumped 10 Bbl. Gel Flush, circulated Gel around to condition hole. Mixed 102 sks. Thick set cement, shutdown - washout Pump lines Release 2- Top Rubber Plugs, Displaced Plugs with 5 1/4 Bbls WATER, Final Pumping at 500 PSI Bumped Plugs to 1000 PSI, closed Tubing w/ 1000 PSI, Good cement return w/ 4 Bbl. slurry Job complete - Teardown

"Thank you"

Called by Trent
 Customer Signature



Hurricane Services, Inc.
3613 A Y Road
Madison, KS 66860
620-437-2661

Ticket Number 01165
Location Madison
Foreman William Zabel

FRAC Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
6-9-14		Header #11		Allen
Customer		Mailing Address	City	State Zip
Imperator Investments				

Well Data		Truck #	Driver	Truck #	Driver
Casing Size	Total Depth	105	Brian		
Casing Weight	Plug Depth	106	Eric		
Tubing Size	Packer Depth	303	Danny		
Tubing Weight	Open Hole	312-311	David		
Perfs		28	Bill		
Break PSI	Max PSI	17	Zach		
Treat PSI	ISIP				

Quantity	Acid	Additives Used	Charge
1	303	Pump Charge	975.00
		Acid with inhibitor	
		NE-320	
		FSW-4100	
		Iron Stay	
		Clay Stay	
4		KCL	105.20
2		Biocide	76.00
5		Gel	225.00
4 pints		Breaker	81.00
4		Ball Sealers	7.00
1		Ball Gun	50.00
26	303	Pump truck Mileage	88.50
		Acid Transport	
		Acid Spotter	
1	303 312	Sand Truck	250.00
26	28	Pickup Mileage	39.00
SHS	105+106	80 Vac	420.00
		Transport	
1000		20/40 Sand	300.00
3000		12/20 Sand	960.00
2		SR445	54.20
Total			\$3626.90 Price.

Remarks: Broke down 1200 PSI dropped to 1100 PSI Fine sand at 950 PSI
Coarse sand @ 1000 PSI Balls hit up to 1250 PSI Back down to 1100 PSI
IS 2 @ 650 PSI 4 Balls 125 BBL Fluid.



Hurricane Services, Inc.
 3613 A Y Road
 Madison, KS 66860
 620-437-2661

Ticket Number 06349
 Location _____
 Foreman [Signature]

Acid Service Ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County	
6/5/14	JOHN W. DRES 816-852-0011	HERDER #11		AL	
Customer		Mailing Address	City	State	Zip
IMPERATOR INVESTMENT LLC		1305 W 40 TH ST	KANSAS CITY MO.		64111

Well Data		Truck #	Driver	Truck #	Driver
Casing Size	Total Depth	17/310	ZACH		
Casing Weight	Plug Depth		TRAVIS		
Tubing Size	Packer Depth				
Tubing Weight	Open Hole				
Perfs					
Break PSI	Max PSI				
Treat PSI	ISIP				

Quantity	Acid	Additives Used	Charge
		Pump Charge	
100	15%	Acid with inhibitor	195 ⁰⁰
		Mud Acid	
1/2		NE-320	11 ⁹⁵
1/4		FSW-4100	5 ⁷⁰
		Iron Stay	
		Bachside	
		Clay Stay	
		KCL	
		Biocide	
		Gel	
		Breaker	
		Ball Sealers	
		Ball Gun	
		Pump truck Mileage	
		Acid Transport	
1	3/10	Acid Spotter	300 ⁰⁰
35	17	Pickup Mileage	52 ⁸⁰
		80 Vac	
		Transport	
			*BOD
			Total 565 ¹⁵

Remarks: RIG UP SPOT 100 GAL 15% HCL ON PERFS.

Customer Signature _____