ALLIED OIL & GAS SERVICES, LLC

Cement Job Summary

Job Number:	MLK1512100900	Job Purpose	OHP		
Customer:	White Pine			Date:	12/10/2015
Well Name:	Hilliard	Number:	1	API/UWI:	
County:	Harper	City:	Anthony ks	State:	ks
Cust. Rep:	Mike Bradley	Phone:		Rig Phone:	
Distance	45 miles (one way)			Supervisor	Jason Thimesch

Employees:	Emp. ID:	Employees:	Emp. ID:
Thimesch, Jason	0		
Holiman, Kindle	0		
Bower, Justin	0		

Equipment:	
673	
986/469	
949/741	

Materials - Pumping Schedule

STAGE #1

Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	gel	10 sks	0.00	n/a	n/a
Fluid Name	**Description**	**Rqstd Qty**	**Density**	**Yield**	**Water (gal/sk)**
Lead 1	CLASS A COMMON	210	15.63	1.19	5.20
Fluid Name	**Description**	**Rqstd Qty**	**Density**	**Yield**	**Water (gal/sk)**
Disp. 1	Displacement	-0.140080983	8.33	n/a	n/a

Slurry:	Lead 1	**Slurry Name:**	CLASS A COMMON				
Quantity:	210 sacks		**Blend Vol:**	216.3 cu.ft.		**Blend Weight:**	20058.15 lbs
Material	Description			Conc. (lb/sk)	Determined by	Load Volume	UOM
CCAC	CLASS A COMMON			94	% Base Materia	19740.0	lbm
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE			1.515	% Base Materia	318.2	lbm
Water	Mixing Water			5.20	gal/sk	1092	gal

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County:	Harper	City:	Anthony ks			State:	ks
Cust. Rep:	Mike Bradley	Phone:			Rig Phone:		0
Distance	45 miles (one way)				Supervisor	Jason Thimesch	
DATE	TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS	
	AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)		
12/10/2015	9:00:00 AM					ARRIVE ON LOCATION	
	10:00:00 AM	100		24	2	Pump 2 jnts down	
	10:45:00 AM	100		20	2	circ hole w/ water	
	11:05:00 AM	160		20	2.5	pump 10 sx gel	
	11:19:00 AM	80		7.5	3	pump 35 sx cmnt @ 950	
		20		3.2	3	displace	
	11:40:00 AM	20		7.5	2	pump 35 sx cmnt @ 600	
		20		1.8	2	displace	
	12:00:00 PM	100		29.5	3	pump 140 sx cmnt @ 325	
						to surface	