



## Cement Job Summary

Job Number: Lib1704191937	Job Purpose: 02 Production/Long String
Customer: MERIT ENERGY COMPANY	Date: 4/19/2017
Well Name: River Bend	Number: 1
County: Finney	City: Garden City, Kansas
Cust. Rep:	Phone:
Legal Desc:	Rig Name: Duke Drilling#9
Distance: 50 miles (one way)	Supervisor:

Employees:	Emp. ID:	Employees:	Emp. ID:
Erik Chavez		Jaime Torres	
Jose Trejo			
Equipment:			
549-4 / 550-5		788-4 / 744-4	

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	7 7/8	30%	3100	5,100	TAIL CEMENT	
OPEN HOLE	7 7/8			3,100	LEAD CEMENT	
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
PREVIOUS CASING	8 5/8	24	8.097	J55	0	1,480
TOTAL CASING	5 1/2	17	4.892	J55	0	5,100
SHOE	5 1/2	17	4.892	J55	5,058	5,100

Materials - Pumping Schedule						
STAGE #1						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	HIVIS SWEEP	12	8.40	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	ALLIED SPECIAL BLEND CEMENT - CLASS A	265	13.60	1.92	9.56	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.47	% BWOC	124.6	lbm	
CLC-KOL	KOL-SEAL	5	lb/sk	1325.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	66.3	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 1	Displacement	117.5785768	8.33	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	

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	Supervisor: 0				
TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)	
15:00					Arrive on Location
15:10					Pre-Rig up Safety Meeting
15:20					Rig up Equipment

### Cement Job Summary

15:40					Wait on Customer
17:50					Operation Safety Meeting
18:07					Rat & Mouse Hole 50 sks @ 13.6ppg
18:28					Test Lines
18:36	70		12	4	Spacer 1 / HIVIS
					Cement 215 sks @ 13.6 ppg
18:46	70		15	4	Pressure / Volume / Rate
18:50	90		30	4	Pressure / Volume / Rate
18:55	110		45	4	Pressure / Volume / Rate
19:00	100		60	4	Pressure / Volume / Rate
19:05	90		74	4	Pressure / Volume / Rate
19:07					Shutdown / Drop Plug / Wash Equipment
					Displacement
19:21	80		30	5.5	Pressure / Volume / Rate
19:26	90		60	5.7	Pressure / Volume / Rate
19:29	250		80	5.1	Pressure / Volume / Rate
19:31	360		90	5	Pressure / Volume / Rate
19:39	550		108	3	Slow Rate
19:37	1370		118	3	Bump Plug
19:42			.5 bck		Release Pressue / Check Floats
19:50					End Job
20:00					Pre-Rig down Safety Meeting
20:15					Rig down Equipment
20:45					Journey Management
21:00					Leave Location