



Cement Job Summary

Job Number: Lib1701031357	Job Purpose: 01 Surface
Customer: MERIT ENERGY COMPANY	Date: 1/3/2017
Well Name: LongBow	Number: 4-10
County: Grant	City: Ulysses, Kansas
State: KS	
Cust. Rep:	Phone:
Rig Phone:	
Legal Desc:	Rig Name: Duke Drilling#9
Distance: 50 miles (one way)	Supervisor: James Peppin

Employees:	Emp. ID:	Employees:	Emp. ID:
James Peppin		Victor Garcia	
Jaime Torrez		Ramon Escarcega	

Equipment:
903-4/501-5
705-4/467-5
1080-4/842-5

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	12 1/4	110%	1283	1,518	TAIL CEMENT	
OPEN HOLE	12 1/4	110%	0	1,283	LEAD CEMENT	
OPEN HOLE	12 1/4			0		
OPEN HOLE	12 1/4					
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
TOTAL CASING	8 5/8	24	8.097	J-55	0	1,515
SHOE	8 5/8	24	8.097	J-55	1,473	1,515

Materials - Pumping Schedule						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	Fresh Water	10	8.33	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Lead 1	ALLIED MULTI-DENSITY CEMENT - CLASS A	400	12.10	2.55	14.86	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	2.82	% BWOC	1128.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	200.0	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	CLASS A COMMON	175	15.20	1.27	5.74	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	1.88	% BWOC	329.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	87.5	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 1	Displacement	93.80588357	8.33	n/a	n/a	

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TIME	PRESSURE - (PSI)	FLUID PUMPED DATA	COMMENTS