



## Cement Job Summary

Job Number: <b>LIB1611021642/1</b>		Job Purpose	
Customer:	<b>Kenneth W. Cory LTD</b>	Date:	<b>11/2/2016</b>
Well Name:	<b>Huff</b>	Number:	<b>1-12</b>
County:	<b>Meade</b>	City:	
Cust. Rep:	<b>JUNIOR BINDER</b>	State:	<b>Kansas</b>
Legal Desc:	<b>SEC 12-34-28</b>	Rig Name:	<b>Duke #1</b>
Distance	<b>50 miles (one way)</b>	Supervisor	<b>Aldo Espinosa</b>

Employees:	Emp. ID:	Employees:	Emp. ID:
ALDO ESPINOZA			
GERARDO BURCIAGA			
CRISTIAN CAMACHO			
Equipment:			
984-			
994-550			
1080-842 870-744			

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	7 7/8	25%	5400	6,209		
OPEN HOLE	7 7/8			5,400		
OPEN HOLE	7 7/8					
OPEN HOLE	7 7/8					
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
PREVIOUS CASING	8 5/8	24	8.097	J-55	0	1,500
TOTAL CASING	5 1/2	15.5	4.95	J-55	0	6,200
STAGE TOOL	5 1/2	15.5	4.95	J-55		3,404
SHOE	5 1/2	15.5	4.95	J-55	6,154	6,200

Materials - Pumping Schedule						
STAGE #1						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	LC SPACER	10	8.50	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	ALLIED SPECIAL BLEND CEMENT - CLASS H	200	14.63	1.57	7.10	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CLC-KOL	KOL-SEAL	5	lb/sk	1000.0	lbm	
CFL-330	FLUID LOSS ADDITIVE - LOW DENSITY SLURRIES	0.47	% BWOC	94.0	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 3	Displacement	146.5646163	0.00	n/a	n/a	
STAGE #2						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Stg 2 Spacer 1	HIVIS SWEEP	12	8.50	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Stg 2 Lead 1	ALLIED 40/60/4 POZ BLEND - CLASS A	50	13.84	1.41	6.80	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
Stg 2 Tail 1	ALLIED SPECIAL BLEND CEMENT - CLASS H	155	14.63	1.57	7.10	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CLC-KOL	KOL-SEAL	5	lb/sk	775.0	lbm	



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CFL-330	FLUID LOSS ADDITIVE - LOW DENSITY SLURRIES	0.47 % BWOC	72.9 lbm		
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Stg 2 Disp. 1	Displacement	80.92232796	0.00	n/a	n/a

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Phone:	Rig Phone: 0
Distance: 50 miles (one way)	Supervisor: Aldo Espinosa

TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	CASING	ANNULUS	VOLUME	RATE (BPM)	
11/2/2016					DATE
1230pm					on location
200pm					casing on bottom
310pm					safety meeting
320pm	2000		1	1	pressure test lines
322pm	300		10	3	pump 10 bbl LC spacer
332pm	250		56	4	200sk/56 bbl cement
358pm					drop first plug, wash pumping lines to pit
408pm				3	start displacement
412pm	80		20	5	20 bbl gone
416pm	80		20	5	40 bbl gone
419pm	120		20	5	60 bbl gone, swap to mud
421pm	180		15	2.5	75 bbl slow down to 2.5 bpm to go thru
					DV tool
426pm	170		10	4	85 bbl get back to normal rate
431pm	220		15	4	100 bbl gone
436pm	500		20	4	120 bbl gone
440pm	650		10	2.5	130 bbl slow down to 2.5 bpm
442pm	920-1460		16	2.5	146 bbl bump plug
448pm	0				check floats
450pm					drop opening tool, give 30 min
520pm					pressure up to open tool, 740 psi
522pm					brake circulation
530pm					swap to rig
					SECOND STAGE
900pm	200		10	4	10 bbl havis sweep
910pm	30		13	2	cement rat & mouse holes
918pm	180		43	4	155sk/43.4 bbl cement
938pm	150				release plug
939pm	180			3	start displacement
	500		80	5	displace 81 bbl water
1006pm	680-2500		1	2.5	bump plug
1008pm	0				check floats
1030pm					rig down
1100pm					leave location
					good circulation during entire job
					thanks