



Cement Job Summary

Job Number: Lib1708030258		Job Purpose: 01 Surface	
Customer: Midwestern Exploration Co.			Date: 8/2/2017
Well Name: Tony Nix		Number: 1-6	
County: Stevens		City: Hugoton, Kansas	
Cust. Rep:		Rig Phone:	
Legal Desc:		Rig Name: Duke #9	
Distance: 18 miles (one way)		Supervisor: Hector Esqueda	

Employees	
Hector Esqueda	Gabriel Mendoza
Carlos Ibarra	Gerardo Burceaga
Equipment	
1071-4-545-5	1080-4-642-5
774-4-841-5	1039-2

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	12 1/4	100%	1440	1,685	TAIL CEMENT	
OPEN HOLE	12 1/4	100%	80	1,440	LEAD CEMENT	
OPEN HOLE	12 1/4	0%	0	80		
OPEN HOLE	12 1/4			0		
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
PREVIOUS CASING	20	94	19.124	J-55	0	80
TOTAL CASING	8 5/8	32	8.097	J-55	0	1,683
SHOE	8 5/8	32	8.097	J-55	1,642	1,683

Materials - Pumping Schedule						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	LC SPACER	10	8.40	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Lead 1	ALLIED MULTI-DENSITY CEMENT - CLASS A	500	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	1410.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	250.0	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	CLASS A COMMON	200	15.62	1.19	5.20	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	1.88	% BWOC	376.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	50.0	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 1	Fresh Water	104.5518474	8.33	n/a	n/a	

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Distance		18 miles (one way)			Supervisor	Hector Esqueda
TIME	PRESSURE - (PSI)				COMMENTS	
AM/PM	CASING	ANNULAR				
					8/2/2017	
19:00					arrived to location	
					8/3/2017	
0:36					rig up	
1:06					prime up	
1:18					mix the LCM	
1:20					safety meeting	
1:23	2800				pressure test the lines to 2800PSI	
1:24	80		10	4.7	start pumping the 10bbl STOP LOSS	
1:27	200		227	5	start mixing the lead cement @ 12.10#	
1:56	220		165	6.5	165bbbls of lead cement gone	
2:21	180		42	5.9	start mixing the tall cement @ 15.62#	
2:35					shut down (drop the plug)	
					wash up on top of the plug	
2:39	40		100	3.7	star the 100bbl displacement of fresh	
					water	
2:44	110		20	6	20bbbls gone	
2:47	110		40	6	40bbbls gone	
2:50	180		60	6.6	60bbbls gone	
2:53	340		80	6.5	80bbbls gone	
2:55	380		90	3	90bbbls gone slow rate down to 3bpm	
					to land the plug	
2:58	900		100		landed plug @ 900PSI	
					hold pressure for 5minutes to make	
					sure that the floats are holding	
					released pressure and the floats held	
					good got 1/2bbl back to tank	
					got 130bbbls of cement back to surface	
					rig down	
					released from location @ 4:00	