



Cement Job Summary

Job Number: YKO1610271444		Job Purpose: 02 Production/Long String	
Customer:	MURFIN DRILLING	Date:	10/27/2016
Well Name:	Hatch 'A'	Number:	1-1
County:	Cheyenne	City:	McDonald
Cust. Rep:		Phone:	
Legal Desc:		Rig Name:	
Distance	50 miles (one way)	Supervisor	Roger Smith

Employees:	Emp. ID:	Employees:	Emp. ID:
Smith, Roger	0	Holiman, Kindle	0
Bobby Lewis	#N/A	Jamie	#N/A

Equipment:	Emp. ID:	Employees:	Emp. ID:
1013-469			
818-310			
890-241			

Well Information					
Open Hole Section					
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)	
OPEN HOLE	7 7/8	35%	3870	4,870	TAIL CEMENT
OPEN HOLE	7 7/8	50%	324	3,870	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	J-55	0	324
TOTAL CASING	5 1/2	15.5	4.95	J-55	0	4,870
SHOE	5 1/2	15.5	4.95	J-55	4,849	4,870

Materials - Pumping Schedule						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	HIVIS SWEEP	15	8.40	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 2	MUD CLEAN	15	8.70	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Lead 1	ALLIED MULTI-DENSITY CEMENT - CLASS A	335	11.55	2.94	17.90	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	83.8	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	ALLIED SPECIAL BLEND CEMENT - CLASS A	150	14.50	1.58	7.10	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CLC-KOL	KOL-SEAL	5	lb/sk	750.0	lbm	
CFU-330	FLUID LOSS ADDITIVE - LOW DENSITY SLURRIES	0.47	% BWOC	70.5	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 2	ALLIED 40/60/4 POZ BLEND - CLASS A	50	13.89	1.40	6.70	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
Disp. 1	Displacement	115.4095201	8.33	n/a	n/a	

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Distance		50 miles (one way)			Supervisor	Roger Smith
TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS	
AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)		
14:45					On Location	
					Run Float Equipment	
					Break Circulation Rig @2448 ft	
16:30 PM					Rig up To Circulate Drop ball	
18:00					Test Line 2000 psi	
16:20	100			2.5	Pump HI Vis Sweep	
16:35	100			2.5	Pump Mud Flush	
					Cement Rat Hole	
					Cement Mouse Hole	
17:00	130			5.4	Start Lead Cement	
17:43	135			5.5	Start Tail Cement	
18:00					Shut down wash pump and line	
					Drop Plug	
18:07	200			7	Start Displement	
18:19	450			5	50 bbl Out	
20:22	800			4.5	70 bbl out	
20:32	1100			2.5	90 bbl out	
20:36	1350			2.2	100 out	
20:45	2000				Plug down 114.5 BBL	
20:49					Check Float 1/2 BBL Back holding	