

Cement Job Summary

Job Number: MLK150825070		Job Purpose: 01 Surface	
Customer:	INDIAN OIL CO	Date:	8/25/2015
Well Name:	ACHENBACH	Number:	#40
County:	BARBER	City:	VIC HARDTNER
Cust. Rep:	ANTHONY FARRAR	Phone:	
Distance:	20 miles (one way)	Rig Phone:	
		Supervisor:	Jake Heard

Employees:	Emp. ID:	Employees:	Emp. ID:
JAKE HEARD	#N/A		
JOE HALCOMB	0		
WAYNE RUCKER	#N/A		

Equipment:	
CEMENTERS PICK-UP 717	
PUMP TRUCK 892-555	
BULK TRUCK 949-741	

Materials - Pumping Schedule					
STAGE #1					
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	FRESH WATER	5	8.33	n/a	n/a
Tail 1	CLASS A COMMON	225	14.90	1.33	6.20
Disp. 1	Displacement	0	8.33	n/a	n/a

Slurry: Tail 1		Slurry Name: CLASS A COMMON					
Quantity:	225 sacks	Blend Vol:	237.57 cu.ft.	cu.ft.	Blend Weight:	21784.5 lbs	
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM		
CCAC	CLASS A COMMON	94	% Base Material	21150.0	lbm		
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	2.82	% BWOC	634.5	lbm		
Water	Mixing Water	6.20	gal/sk	1395.0	gal		

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Cust. Rep:	ANTHONY FARRAR	Phone:	
Distance:	20 miles (one way)	Rig Phone:	0
		Supervisor:	Jake Heard

DATE	TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
		CASING	ANNULUS	VOLUME	RATE (BPM)	
8/25/2015	7:00:00 AM					ARRIVE ON LOCATION
						SAFETY MEETING
	7:15:00 AM					SPOT IN / RIG UP
						WAIT ON RIG
						BREAK CIRCULATION
	9:40:00 AM	2000				PRESSURE TEST
		200		5	4	PUMP SPACER
		200		53.29	4	MIX AND PUMP CEMENT
		150		17.89	3	DISPLACE
						STOP
	10:10:00 AM					SHUT IN

Number:	MLK15083019	Job Purpose	02 Production/Long String
Customer:	Indian Oil Co	Date:	8/31/2015
Well Name:	Achenbaugh	Number:	#40
County:	Barber	City:	Hardtner, KS
Cust. Rep:	Anthony Farrar	State:	Kansas
Distance	20 miles (one way)	Phone:	
		Rig Phone:	
		Supervisor:	Jason Thimesch

Employee:	Emp ID	Employee:	Emp ID
Thimesch, Jason	0		
Bower, Justin	6		
Wayne Rucker	#N/A		

Equipment:	Emp ID
	673
892/555	
	603

Materials - Pumping Schedule

STAGE III

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)
Lead 1	ALLIED SPECIAL BLEND CEMENT - CLASS A	125	14.55	1.57	7.00
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Tail 1	ALLIED 40/60/4 POZ BLEND - CLASS A	50	13.89	1.40	6.70

Slurry: Lead 1		Slurry Name: ALLIED SPECIAL BLEND CEMENT - CLASS A				
Quantity:	125 sacks	Blend Vol:	164.9 cu.ft.	Blend Weight:	14070.75 lbs	
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CCAC	CLASS A COMMON	94	% Base Material	11750.0	lbm	
CA-200	SODIUM CHLORIDE	6	lb/sk	750.0	lbm	
CA-500	GYPSUM	5.17	% BWOC	646.3	lbm	
CGEL	GEL - BENTONITE	1.88	% BWOC	235.0	lbm	
CLC-KOL	KOL-SEAL	5	lb/sk	625.0	lbm	
CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.376	% BWOC	47.0	lbm	
CDF-100P	DEFOAMER - POWDER	0.14	lb/sk	17.5	lbm	
Water	Mixing Water	7.00	gal/sk	875	gal	
Slurry: Tail 1		Slurry Name: ALLIED 40/60/4 POZ BLEND - CLASS A				
Quantity:	50 sacks	Blend Vol:	52.87 cu.ft.	Blend Weight:	4472 lbs	
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CCAC	CLASS A COMMON	56.4	% Base Material	2820.0	lbm	
CPOZ	POZMIX FLYASH	29.6	% Base Material	1480.0	lbm	
CGEL	GEL - BENTONITE	3.44	% BWOC	172.0	lbm	
Water	Mixing Water	6.70	gal/sk	335.0	gal	

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Cust. Rep:	Anthony Farrar	Phone:		Rig Phone:	0	
Distance	20 miles (one way)			Supervisor	Jason Thimesch	
DATE	TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
		CASING	ANNULUS	VOLUME	RATE (BPM)	
8/31/2015	7:30:00 PM					ARRIVE ON LOCATION
	7:45:00 PM					Run casing
	11:00:00 PM					Circ on Bottom
	12:05:00 AM	100		12.5	3	Plug RH/MH
	12:22:00 AM	175		12	4	Pump spacer
	12:27:00 AM	300		35	5	Pump Cement slurry
	12:40:00 AM					Shut down Drop Plug
	12:47:00 AM	150			6.5	Displace
		300		87	6	Lift
		650		110	3	Slow to Bump
	1:11:00 AM	1350		122	0	Bump Plug
						Release
						Float/Plug Held