ALLIED OFS,LLC

Cement Job Summary

Job Number:	LIB1608071440	Job Purpose	02 Production/Long String		
Customer:	Becker Oil Corporation			Date:	8/7/2016
Well Name:	Harrrington		Number: 1	API/UWI:	
County:	Clark	City:		State:	Kansas
Cust. Rep:		Phone:		Rig Phone:	
Legal Desc:				Rig Name:	
Distance	50 miles (one way)			Supervisor	Aldo Espinosa

Employees:	Emp. ID #	Employees:	Emp. ID #
ALDO ESPINOZA			
GERARDO BURCIAGA			
RAMON ESCARCEGA			

Equipment:	
984-	
903-541	
870-744	

Well Information

Open Hole Section

Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)	
OPEN HOLE	7 7/8	15%	4000	5,191	TAIL CEMENT
OPEN HOLE	7 7/8			4,000	LEAD CEMENT
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	725
TOTAL CASING	4 1/2	10.5	4.052	J-55	0	5,191
SHOE	4 1/2	10.5	4.052	J-55	5,171	5,191

Materials - Pumping Schedule

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 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**
Fluid Name	**Description**	**Rqstd Qty**	**Density**	**Yield**	**Water (gal/sk)**
Tail 1	ALLIED SPECIAL BLEND CEMENT - CLASS A	200	14.50	1.58	7.10
Addl. Additive	**Description**	**Conc. (lb/sk)**	**Determined by**	**Load Volume**	**UOM**
CLC-KOL	KOL-SEAL	5	lb/sk	1000.0	lbm
CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.282	% BWOC	56.4	lbm
Fluid Name	**Description**	**Rqstd Qty**	**Density**	**Yield**	**Water (gal/sk)**
Disp. 1	Displacement	82.2	8.33	n/a	n/a

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TIME	PRESSURE - (PSI)	FLUID PUMPED DATA	COMMENTS

ALLIED OFS, LLC

Cement Job Summary

AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)	COMMENTS
8/7/2016					DATE
400am					arrive to location
430am					rig up
730am					get drill pipe out of hole
900am					start settin casing, and F.E.
1210pm					casing on bottom
1220pm					rig up head, brake circulation
130pm	3500			1	pressure test
132pm	300		12	4	12 bbl hivis sweep
140pm	200-40		56.3	4	56.3 bbl slurry
210pm				3	wash pumping lines, drop plug
215pm	30			3	start displacement
223pm	40		20	5	20 bbl gone
227pm	40		20	5	40 bbl gone
230pm	200		8	5	48 bbl catch cement
232pm	400		20	5	60 bbl gone
235pm	530		10	2.5	70 bbl gone, slow down to 2.5 bpm
240pm	750-1350		12	2.5	82 bbl, bump plug
245pm	1350				check floats
250pm					rig crew rig down mouse hole
330pm	40		12.6	3	cement rat n mouse holes
350pm					rig down
430pm					leave location
					good circulation during entire job