Cementing Report

Geothermal Resource Group

Well ID: AK-3

Well Name: AK-3

Field: Hot Springs Bay Va Sect: 5 Town: 112W Rng: S005 County: Aleutians East State: AK

Cement Job Information

Start Date/Time:	23-Aug-16 08:30	**Well Bore:**	Original Well Bore
Job Type:	PLUG	**Cementing Engineer:**	
Cementing Co:	MAJOR		

Plug Job Detail

Plug Type:	Balance				
Plug: Top (ft):	88	**Bottom (ft):**	172	**Length (ft):**	84
Calc. Displacement Vol (bbls):		**Hole Size at Plug (ins):**	5.000		

	Volume (bbls)	Pump Time	Rate (bbls/min)	Volume (psi)
Conditioning Data:		15	0.8	50
Cement Data:	2.0	4	0.5	0
Displacement Data:	1.0	2	0.5	

Slurry Information

Type	Density	Yield	Sacks	Volume	Rate	Additives
OTHER	14.50		9	2.0	0.5	

Post Job Information

Actual Top of Cmt (ft):		**Job Success?**	No

Misc. Comments: Mix 9 sks cement in 70 gallons of water as balance plug pump in from hole at 168' displace with 42 gallons of water , pull pipe to 49'