

**Daily Drilling Report**

Well ID: Forge 56-32

Field: UTAHFORGE

Job ID: Original

Geothermal Resource Group, Inc.

Well Name: 56-32

Sect: 32 Town: 26S Rng: 9W County: Beaver State: UT

Report No: 27

Report For 02-Mar-21

Operator:	University of Utah	Rig:	Frontier	Spud Date:	08-Feb-21	Daily Cost / Mud (\$):	---
Measured Depth (ft):	9145	Last Casing:	5.500 at 9,105	Wellbore:	Original Wellbore	AFE No.	AFE (\$) Actual (\$)
Vertical Depth (ft):	9138	Next Casing:		RKB Elevation (ft):	30.40	---	---
Proposed TD (ft):	9000	Last BOP Test:	12-Feb-21	Job Reference RKB (ft):	28.50	---	---
Hole Made (ft) / Hrs:	0 / 0.0	Next BOP Test:		Working Interest:		Totals:	---
Average ROP (ft/hr):						Job/Well Cost (\$):	---
Drilling Days (act./plan):	23/30	Flat Days (act./plan):	0/8	Total Days (act./plan):	23/38	Days On Location:	27
Pers/Hrs: Operator:	2 / 24	Contractor:	14 / 168	Service:	17 / 204	Other:	0 / 0
						Total:	33 / 396

Safety Summary: No incidents or events reported. Conducted Safety Meeting.**Current Operations:** Waiting on cement and tools.**Planned Operations:** Secure cement and tools. Execute top down cement job.**Toolpusher:** Steve Caldwell, Vince Shaffer**Wellsite Supervisors:** Virgil Welch, Paul Stroud

Tel No.: 7132807438

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
0:00	7:00	7.00	9,145	4-12-1	Ran 5-1/2" 17 ppf, L-88, Buttress casing equipped with fiber optic cable to 7,280'.	
7:00	8:00	1.00	9,145	03-051	Circulated to cool and clean well bore.	
8:00	9:30	1.50	9,145	4-12-1	Ran 5-1/2" 17 ppf, L-80, Buttress casing equipped with fiber optic cable to 8,192'.	
9:30	10:00	0.50	9,145	03-051	Circulated to cool well bore.	
10:00	11:30	1.50	9,145	4-12-1	Ran 5-1/2" 17 ppf, L-80, Buttress casing equipped with fiber optic cable to 9,130'.	
11:30	13:00	1.50	9,145	03-051	Circulated to cool well bore.	
13:00	16:30	3.50	9,145	5-99	Rigged up cementer, pumped cement with pressure increasing to 6000 psi. Worked pipe to 9,105' attempting to free pack off. Attempted to pump wiper plug with instant pressure build up.	
16:30	17:00	0.50	9,145	11-47	Closed Annular Preventer and pumped 330 barrels down back side to clear annulus of cement.	
17:00	0:00	7.00	9,145	3-32	Waited on cement and tools.	

Management Summary

Ran 5-1/2" 17 ppf L-80 Liner equipped with fiber optic cable to 9,133'. Mixed and pumped cement, pressure increased to 6,000 psi. Casing packed off, attempted to free casing and worked pipe to 9,105'. Attempted to displace liner wiper plug and fluid would not move. Closed annular preventer and displaced 330 barrels of fluid to clear 9-5/8" X 5-1/2" annular for "Top Down" cement job. Waited on cement and tools to top job.

Casing/Tubular Information

Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)
FULL	20.000	30	30	129	129	COND				
FULL	13.375	0	0	382	382	SURF	17.500	55	J-55	16.30
FULL	9.625	0	0	3,494	3,488	INT1	12.250	36	J-55	16.00
LINER	5.500	0		9,105						

Mud Information

%																Gels		Temp		Mud
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	10m	30m	In	Out	Loss
02-Mar-21 13:00 at Depth 9,145 ft Mud Pits																				
9.00	34	14	4		1	9	3	0	97	0.1										

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
micro c - OTHER	5	---			

Rig Information**Equipment Problems:****Location Condition:****Transport:****Drill Pipe Inventory**

DP Size	Joints	Weight	Grade	Thread	DP Size	Joints	Weight	Grade	Thread
5	277	19.5	S-135	4.5IF					



Daily Drilling Report

Well ID: Forge 56-32

Field: UTAHFORGE

Job ID: Original

Geothermal Resource Group, Inc.

Well Name: 56-32

Sect: 32 Town: 26S Rng: 9W County: Beaver State: UT

Report No: 27

Report For 02-Mar-21

Safety Information

Meetings/Drills	Time	Description
Safety	60	Flashing mud
First Aid Treatments:	Medical Treatments:	Lost Time Incidents:
Days Since LTI:		
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	

Weather Information

Sky Condition:	Clear	Visibility:	10
Air Temperature:	23 degF	Bar. Pressure:	30
Wind Speed/Dir:	12 / SSE	Wind Gusts:	15