

**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: 30

Report For 05-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): 26/30		Flat Days (act./plan): 0/8		Total Days (act./plan): 26/38		Days On Location: 30			
Pers/Hrs:	Operator: 2 / 24	Contractor:	14 / 168	Service:	4 / 48	Other:	0 / 0	Total:	20 / 240

Safety Summary: No incidents or events reported. Conducted Safety Meeting.**Current Operations:** Cleaning out cement at 3,228'.**Planned Operations:** Clean out cement to 8,997'.**Toolpusher:** Steve Caldwell, Justin Bristol**Wellsite Supervisors:** Virgil Welch, Paul Stroud

Tel No.: 7132807438

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
0:00	1:30	1.50	9,145	3-97	Weld on 5-1/5" well head.	
1:30	3:30	2.00	9,145	3-97	Flanged up flow line, installed chains on flow nipple, set catwalk and mouse hole.	
3:30	5:30	2.00	9,145	3-97	Rigged up tongs for 2-7/8" drill pipe and tools, strapped drill pipe.	
5:30	8:00	2.50	9,145	4-6-1	Made up bit collars and tools. Ran in the well bore and tagged top of cement at 731'.	
8:00	10:30	2.50	9,145	4-34-1	Picked up 10 stands of drill pipe and stood back in derrick.	
10:30	16:30	6.00	9,145	7-28	Drilled out cement float at 820' and drilled out cement fro 820' to 1709'.	
16:30	17:00	0.50	9,145	SERV	Serviced Rig.	
17:00	21:30	4.50	9,145	10-6-2	Pulled out of the well bore and changed BHA for mud motor and PDC bit. Ran in the hole.	
21:30	0:00	2.50	9,145	7-28	Cleaned out cement from 1709' to 2666'.	

Management Summary

Welded on 5-1/2" well head and flanged up riser pipe, rotating head and flow line. Rigged up tongs and tools. Made up bit, mud motor and tools. Ran in the well bore and tagged top of wiper plug at 731'. Picked up stands and placed them in the derrick. Cleaned out cement from 731' to 2,366' at 2400 hours.

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						

Bit/BHA/Workstring Information

				Depth				This Run				R.O.P.				Mud Pump			
No Run	Make	Model	Diam	In	Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HP	JIF	
15	1	REED	JZ	4.750		731													
Jets: 20 20 20				Out: 1709				Grade: Cutter: 1 / 1				Dull: NO / NO				Wear: A			
BHA - No. 17 - BIT, MMTR, XO, 6 DC = 193.27												Brgs: 1				Gge: 1			
																Pull: OTH			

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

DP Size	Joints	Weight	Grade	Thread	DP Size	Joints	Weight	Grade	Thread
2.875	295	10.4	G-105	OTHER					



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Safety Information

Meetings/Drills	Time	Description
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Safety	60	Tripping
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First Aid Treatments:

Medical Treatments:

Lost Time Incidents:

Days Since LTI:

☐ BOP Test

☐ Crownamatic Check

Weather Information

Sky Condition: Cloudy

Visibility: 10

Air Temperature: 27 degF

Bar. Pressure: 30.12

Wind Speed/Dir: 4 / SW

Wind Gusts: 4