



Daily Drilling Report

Geothermal Resource Group, Inc.

Well ID: Forge 56-32

Job ID: Original

Well Name: 56-32

Field: UTAHFORGE

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

Report No: 32

Report For 07-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):	28/30	Flat Days (act./plan):	0/8	Total Days (act./plan):	28/38	Days On Location:	32		
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: Displacing well with fresh water.

Planned Operations: Displace well bore with treated water and pull out of the hole laying down drill pipe and tools.

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	9:00	9.00	9,145	3-28	Cleaned out cement from 6238' to 8072'.	
9:00	9:30	0.50	9,145	3-5-1	Circulated well bore clean.	
9:30	15:00	5.50	9,145	3-28	Cleaned out cement from 8072' to 9034'.	
15:00	16:00	1.00	9,145	3-5-1	Pumped sweep and circulated well bore clean.	
16:00	21:30	5.50	9,145	10-6-2	Pulled out of the hole laying down 4" drill collars and bit.	
21:30	0:00	2.50	9,145	10-6-1	Made up bit, casing scraper, bumper sub and ran in the hole scraping Liner.	

Management Summary

Cleaned out cement from 6,238' to 9,034' and circulated well bore clean. Pulled out of the well bore and laid down 4" drill collars, mud motor and bit. Made up bit, scraper and bumper sub. Ran in the hole scraping 5-1/2" casing.

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
07-Mar-21 05:00 at Depth 9,145 ft Mud Pits																				
8.60	36	13	12	14	1	10.5	2	0	98	0.1		850	320		4	8	12	123	133	

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Citric Acid - OTHER	5	---	SAwdust - OTHER	1	---
TorkEase - OTHER	12	---	xanthan gum - OTHER	18	---

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	HHP	JIF				
16	1	REED	TK53	1,709.	1709	7,345	24.6	298.6	300.0	3	300	2	9	210	3000	37	10	1	34			
Jets: 20 20 20 20 20 20				Out: 9034	Grade: Cutter:	0 / 0		Dull: NO / NO	Wear: A	Brgs: X	Gge: 0	Pull: TD										
BHA - No. 17 - BIT, MMTR, XO, 6 DC = 193.27																						

Rig Information

Equipment Problems:

Location Condition:

Transport:



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: 32

Report For 07-Mar-21

Drill Pipe Inventory

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

Safety Information

Meetings/Drills	Time	Description
-----------------	------	-------------

Safety	60	Laying down drill pipe.
--------	----	-------------------------

First Aid Treatments: Medical Treatments: Lost Time Incidents: Days Since LTI:

BOP Test Crownamatic Check

Weather Information

Sky Condition:	Clear	Visibility:	10
Air Temperature:	45 degF	Bar. Pressure:	29.93
Wind Speed/Dir:	10 / S	Wind Gusts:	50

Comments: High winds today and tomorrow.