

**Motor Run Report**

Job Number	CA2101005
PDM	Juggernaught
Motor O.D.	7"
Power Section	6/7 6.5
Serial Number	RM7007
Customer	University of Utah
Well Name	Forge 56-32
Rig Name	Frontier 16
County / State	Beaver, Ut
Location	North Milford
Date In	02/12/21
Date Out	14-Feb
Hole Size	8 3/4
Stabilizer Size	8 1/2
Adj. Bend Set	FBH 1.5°
Depth In	3500
Depth Out	4595
Footage Drilled	1095
ROP	41.10
Drill Hours	26.64
Additional Circ Hrs	2
Total Run Hours	28.64
Rotating Feet	2021
Rotating Hours	24
Sliding Feet	74
Sliding Hours	2.64
Slide ROP	28.03
Rotate ROP	43.32

 BHA # : 4

 Failure - Y/N : N  
 Trip-Reason For : ROP

Failure Type: \_\_\_\_\_

GPM	: <u>720</u>
Mud Wt.	: <u>9</u>
Mud Vis.	: <u>45</u>
Mud Cl.	: <u>1300</u>
Mud Type	: <u>LSND</u>

Delta P	: <u>300</u>
Inclination	: <u>1.19</u>
WOB	: <u>39</u>
BHT	: <u>138</u>
RPM	: <u>80</u>

 Directional Hand #1: Steve Mulholland

 MWD Hand #1: Al Gonzales

 Directional Hand #2: Mark Houston

MWD Hand #2: \_\_\_\_\_

 Comments: Assembly performed well and drilled to 4595'; 1095 new hole.

About 6% sliding was required to keep the wellbore under 4° as tendency was to walk th the NW. Yields were 10.5°- 12.5°/100'. At surface the motor drained well and there was minimal play in the bearings, but the motor stab and the string stab were more than 50% worn and the motor was laid down. The shock tool, and string stab were damaged too and both laid down.