

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	2/16/2021
Date Out	2/17/2021
Hole Size	8 3/4
Stabilizer Size	8.5"
Adj. Bend Set	1.5°
Depth In	5143
Depth Out	5610
Footage Drilled	467
ROP	28.90
Drill Hours	16.16
Additional Circ Hrs	1.36
Total Run Hours	17.46
Rotating Feet	425
Rotating Hours	13.2
Sliding Feet	42
Sliding Hours	2.26
Slide ROP	18.50
Rotate ROP	30.57

BHA # : 6

Failure - Y/N	:	TBD
Trip-Reason For	:	Check MWD

Failure Type: TBD

GPM	:	690
Mud Wt.	:	8.9
Mud Vis.	:	44
Mud Cl.	:	1200
Mud Type	:	WB

Delta P	:	150
Inclination	:	8.31
WOB	:	50
BHT	:	156.2
RPM	:	40

Directional Hand #1: Steve Mulholland

MWD Hand #1: Al Gonzales

Directional Hand #2: Mark Houston

MWD Hand #2:

Comments: The drilling assembly performed well, but @ 5,208' surveys started to become .
 suspect - with progressively wider variances in surveys at the same survey depth
 The survey @ 5,208' was resurveyed with about a 0.7° difference in inclination,
 but the survey @ 5,559' saw a 3° difference. The decision was made to POH
 and check the MWD. At surface bearings in the motor were grinding when
 draining. There was no evidence of play as the motor had locked-up.

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