

Motor Run Report

Job Number	CA2101005
PDM	Juggernaught
Motor O.D.	7"
Power Section	6:7 6.5
Serial Number	RM7002
Customer	University of Utah
Well Name	Forge 56-32
Rig Name	Frontier 16
County / State	Beaver, Ut
Location	North Milford
Date In	17-Feb
Date Out	18-Feb
Hole Size	8 3/4
Stabilizer Size	8.5"
Adj. Bend Set	Fixed 1.50°
Depth In	5610
Depth Out	5999
Footage Drilled	389
ROP	24.98
Drill Hours	15.57
Additional Circ Hrs	0.52
Total Run Hours	16.09
Rotating Feet	295
Rotating Hours	9.98
Sliding Feet	94
Sliding Hours	5.59
Slide ROP	16.82
Rotate ROP	29.56

 BHA # : 7

 Failure - Y/N : Y
 Trip-Reason For : Pressure Spikes

 Motor
 Failure Type: Bearings

GPM	:	<u>690</u>
Mud Wt.	:	<u>8.9</u>
Mud Vis.	:	<u>44</u>
Mud Cl.	:	<u>1300</u>
Mud Type	:	<u>WB</u>

Delta P	:	<u>150</u>
Inclination	:	<u></u>
WOB	:	<u>50</u>
BHT	:	<u>146.2</u>
RPM	:	<u>40</u>

 Directional Hand #1: Steve Mulholland

 MWD Hand #1: Al Gonzales

 Directional Hand #2: Mark Houston

 MWD Hand #2:

Comments: BHA started yielding 12°/100', but soon 20' slides was only holding then drift tendencies of the wellbore. At 5,999' the assembly pressured up and held. A trip out of the hole ensued to inspect the BHA. At surface, the bit box was protruding about 4" from the LBH and the mtor was not able to drain. The string stabilizer was changed out and the shock tool was removed from BHA #8.