

Motor Run Report

Job Number	CA2101005
PDM	BICO
Motor O.D.	7"
Power Section	7:8 6.1
Serial Number	BPB5700-0050
Customer	University of Utah
Well Name	Forge 56-32
Rig Name	Frontier 16
County / State	Beaver, Ut
Location	North Milford
Date In	21-Feb
Date Out	21-Feb
Hole Size	8 3/4
Stabilizer Size	8.5"
Adj. Bend Set	Fixed 1.50°
Depth In	7207
Depth Out	7620
Footage Drilled	413
ROP	83.27
Drill Hours	4.96
Additional Circ Hrs	0.5
Total Run Hours	5.46
Rotating Feet	388
Rotating Hours	4.28
Sliding Feet	25
Sliding Hours	0.68
Slide ROP	36.76
Rotate ROP	90.65

 BHA # : 9

 Failure - Y/N : N
 Trip-Reason For : TD / PU Hammer

Failure Type: _____

GPM	: 690
Mud Wt.	: 8.9
Mud Vis.	: 44
Mud Cl.	: 1300
Mud Type	: WB

Delta P	: 450-950
Inclination	: 2.32
WOB	: 50
BHT	: 146.2
RPM	: 40

 Directional Hand #1: Steve Mulholland

 MWD Hand #1: Al Gonzales

 Directional Hand #2: Mark Houston

MWD Hand #2: _____

Comments: BHA came on yielding 7.8°/100' and 25' slides were required to keep the inclination within the desirable range. Overall 13% sliding was needed to counter the WNW trend. However, slides in the latter stages of the run yielded only 2°-3°/100'. At 7207' the ROP dropped drastically to under 10'/hr and a trip out of the hole was commenced. At surface the bit was rung-out and the motor had severe wear on the stab and bend pad - both were changed out. Overall a good run with this assembly.

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Bit Grade: 1-1-NO-AA-X-I-NO-TD
