

Motor Run Report

Job Number	CA2101005
PDM	Discovery
Motor O.D.	7"
Power Section	7:8 8.5
Serial Number	700DDS025
Customer	University of Utah
Well Name	Forge 56-32
Rig Name	Frontier 16
County / State	Beaver, Ut
Location	North Milford
Date In	26-Feb
Date Out	27-Feb
Hole Size	8 3/4
Stabilizer Size	8.5"
Adj. Bend Set	Fixed 1.50°
Depth In	8900
Depth Out	9145
Footage Drilled	245
ROP	84.19
Drill Hours	2.91
Additional Circ Hrs	1.75
Total Run Hours	4.66
Rotating Feet	195
Rotating Hours	1.77
Sliding Feet	50
Sliding Hours	1.14
Slide ROP	43.86
Rotate ROP	110.17

BHA # : 11

Failure - Y/N	:	N
Trip-Reason For	:	TD Well

Failure Type:

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

Delta P	:	250-450
Inclination	:	2.99
WOB	:	45
BHT	:	225
RPM	:	40

Directional Hand #1: Steve Mulholland

MWD Hand #1: Al Gonzales

Directional Hand #2: Mark Houston

MWD Hand #2:

Comments: Formation continued to trend hard west and 25' slides would only stop the trend. At best the motor yield was 5.1°/100', but most of that was in turn and not actual drop. A 180° toolface (equivalent), netted a 1320 toolface drill off This was typical for the last two runs.
 At surface the motor drained well and the bearings were still very tight with minimal play.

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Bit Grade: 2-2-WC-AA-X-I-NO-TD
