

**BHA Data Sheet**

<b>Job #</b>	CA2101005	<b>BHA #:</b>	9	<b>Hole Size :</b>	8 3/4	<b>Motor # :</b>	9
<b>Customer:</b>	University of Utah	<b>Date In:</b>	2021/02/21	<b>Date Out:</b>	2021/02/21	<b>Motor OD:</b>	7
<b>Well:</b>	Forge 56-32	<b>Depth In:</b>	7207	<b>Depth Out:</b>	7620	<b>Tot.Ftge.:</b>	413
<b>Well Loc.:</b>	North Milford	<b>Slide.Hrs.:</b>	0.68	<b>Slide Ft.:</b>	25	<b>Slide.ROP:</b>	36.76
<b>County/St.:</b>	Beaver, Ut	<b>Rot.Hrs.:</b>	4.28	<b>Rot.Ft.:</b>	388	<b>Rot.ROP:</b>	90.65
<b>Rig :</b>	Frontier 16	<b>Drig Hrs.:</b>	4.96	<b>Slide WOB:</b>	45	<b>Avg.ROP:</b>	83.27
<b>DD:</b>	Steve Mulholland	<b>Circ.Hrs.:</b>	0.5	<b>Rot. WOB:</b>	45	<b>Steering%:</b>	6.05%
<b>DD:</b>	Mark Houston	<b>Tot D&amp;C Hrs:</b>	5.46	<b>Avg. Tq.:</b>	8K	<b>Rotate % :</b>	93.95%
<b>MWD:</b>	Al Gonzales	<b>R/S Config.:</b>	7:08	<b>Avg RPM :</b>	50	<b>GPM:</b>	680
<b>MWD:</b>		<b>ABH Set:</b>	150	<b>Incl. In:</b>	1.24	<b>SPP On:</b>	3220
<b>Mud Type:</b>	WB	<b>Mud PV:</b>	14	<b>YP</b>	14	<b>Incl.Out:</b>	2.35
<b>Mud Wt.:</b>	8.8	<b>Chloride:</b>	1300	<b>BHT F</b>	168.2	<b>Azimuth In :</b>	228.23
<b>Mud Vis.:</b>	46	<b>Sand % :</b>	1.00%	<b>Solid %:</b>	6.00%	<b>Azimuth Out :</b>	198.56
						<b>Delta P:</b>	330
						<b>Avg.DLS:</b>	1.77

Item	Description	Vendor	S/N	F/N	Stab. OD	OD	ID	Connection	Length	Cum. Length
1	Jets 3X14 4X13 PDC/TFA .840	REED FTKC63	A276121			8 3/4	1 1/2	4 1/2RegP	0.85	0.85
2	7" Motor 7:8 8 6.1 1.50Fixed	BICO	BPB5700-0050		8.5	7		4 1/2IFB 4 1/2RegB	30.18	31.03
3	NMUBHO	BT	6751447	1.74		6 13/16	3 1/4	4 1/2IFB 4 1/2IFP	3.04	34.07
4	NMST Stab	DHS	650784	2.16	8.5	6 5/8	2 13/16	4 1/2IFB 4 1/2IFP	4.61	38.68
5	NMDC	GGDS	DR9901			6 1/2	3 1/4	4 1/2IFB 4 1/2IFP	27.81	66.49
6	12XDC'S	RIG	RIG			6 1/2	2 7/8	4 1/2IFB 4 1/2IFP	368.13	434.62
7	24XHWDP	RIG	RIG			5	3 1/4	4 1/2 IFP 4 1/2 IFP	730.42	1165.04
8										
9										
10										
11										
12										

**Total BHA Length = 1165.04**
**BHA Weights :** Wt in Air = Wt in Mud =

**BHA Expected Behavior**

BHA expected to produce 8.0°/100' DLS

**BHA Actual Behavior**

BHA continued to walk to the WNW. One 25' slide was required to keep the angle around 2°

The wellbore was TD without further incident.

**Comments / Reason for Trip**

Failure? Y or N

N

1-1-NO-AA-X-I-NO-TD

**Bit Grade**

Inner/Outer/Dull Char./Location/Brng/Gage/Other/Reason Pulled