

BHA Data Sheet

Job #	CA2101005	BHA #:	6	Hole Size :	8 3/4	Motor # :	6
Customer:	University of Utah	Date In:	2/16/2021	Date Out:	2/17/2021	Motor OD:	7
Well:	Forge 56-32	Depth In:	5143	Depth Out:	5610	Tot.Ftge.:	467
Well Loc.:	North Milford	Slide.Hrs.:	2.26	Slide Ft.:	42	Slide.ROP:	18.58
County/St.:	Beaver, Ut	Rot.Hrs.:	13.2	Rot.Ft.:	425	Rot.ROP:	32.20
Rig :	Frontier 16	Drig Hrs.:	16.1	Slide WOB:	48	Avg.ROP:	29.01
DD:	Steve Mulholland	Circ.Hrs.:	1.36	Rot. WOB:	50/45	Steering%:	91.01%
DD:	Mark Houston	Tot D&C Hrs:	17.46	Avg. Tq.:	5000	Rotate % :	91.01%
MWD:	Al Gonzales	R/S Config.:	6/7 6.5	Avg RPM :	50	GPM:	6
MWD:		ABH Set:	1.5°	Incl. In:	0.75	SPP On:	3210
Mud Type:	WB	Mud PV:	11	Mud YP:	21	Incl.Out:	8.31
Mud Wt.:	8.6	Chloride:	1200	BHT F	156.2	Azimuth In :	295.93
Mud Vis.:	44	Sand % :	1.00%	Solid %:	5.00%	Azimuth Out :	265.52
						SPP Off:	2910
						Delta P:	300
						Avg.DLS:	3.5

Item	Description	Vendor	S/N	F/N	Stab. OD	OD	ID	Connection	Length	Cum. Length
1	Jets 6X14 PDC/TFA .902	REED TKC63	A277166			8 3/4	1 1/2	4 1/2RegP	0.85	0.85
2	7" Motor 6:7 6.5 1.50Fixed	GGDS	RM7003	2.25	8.5	7		4 1/2IFB	33.02	33.87
3	NMUBHO	BT	6751447	1.74		6 13/16	3 1/4	4 1/2IFB	3.04	36.91
4	NMST Stab	DHS	670452	2.14	8.5	6 1/2	3	4 1/2IFB	4.54	41.45
5	NMDC	GGDS	DR9901			6 1/2	3 1/4	4 1/2IFB	27.81	69.26
6	Shock Tool	Other	USKW 3009389-1			6 3/4		4 1/2IFB	10.69	79.95
7	12XDC'S	RIG	RIG			6 1/2	2 7/8	4 1/2 IFP	368.13	448.08
8	24XHWDP	RIG	RIG			5	3 1/4	4 1/2 IFP	730.42	1178.50
9										
10										
11										
12										

Total BHA Length = 1178.50
BHA Weights : Wt in Air = Wt in Mud =

BHA Expected Behavior

BHA expected to produce 8.0°/100' DLS

BHA Actual Behavior

Motor yeilds 25 to 30 per 100' - Formation pulling hard to the N x NW as much as 4° - 5°/100'

Comments / Reason for Trip

Surveys became very inconsistant. - possible MWD failure remains to be determined

Failure? Y or N

TBD

MWD - TBD
Bit Grade

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

2-2-CT-AA-X-I-BC-MWD