



BHA Data Sheet

Job #	CA2101005	BHA #:	5	Hole Size :	8 3/4	Motor # :	5
Customer:	University of Utah	Date In:	2021/02/14	Date Out:		Motor OD:	7
Well:	Forge 56-32	Depth In:	4595	Depth Out:	5143	Tot.Ftge.:	548
Well Loc.:	North Milford	Slide.Hrs.:	2.43	Slide Ft.:	47	Slide.ROP:	19.34
County/St.:	Beaver, Ut	Rot.Hrs.:	26.09	Rot.Ft.:	501	Rot.ROP:	22.34
Rig :	Frontier 16	Drig Hrs.:	26.54	Slide WOB:	47	Avg.ROP:	20.09
DD:	Steve Mulholland	Circ.Hrs.:	1.02	Rot. WOB:	45/50	Steering%:	8.58%
DD:	Mark Houston	Tot D&C Hrs:	28.97	Avg. Tq.:	5	Rotate % :	91.08%
MWD:	Al Gonzales	R/S Config.:	6/7 6.5	Avg RPM :	50	GPM:	650
MWD:		ABH Set:	FBH 1.5°	Incl. In:	1.19	SPP On:	3070
Mud Type:		Mud PV:		Mud YP:		Incl.Out:	0.75
Mud Wt.:		Chloride:		BHT F		SPP Off:	2850
Mud Vis.:		Sand % :		Solid %:		Azimuth In :	338.56
						Azimuth Out :	295.93
						Avg.DLS:	

Item	Description	Vendor	S/N	F/N	Stab. OD	OD	ID	Connection	Length	Cum. Length
1	Jets 3x20 TriCone/TFA .92	BHI EP5475	5865475-01			8 3/4	1 1/2	4 1/2RegP	0.85	0.85
2	7" Motor 6:7 6.5 1.50Fixed	GGDS	RM7004	2.25	8.5	7		4 1/2IFB 4 1/2RegB	33.07	33.92
3	NMUBHO	BT	6751447	1.74		6 13/16	3 1/4	4 1/2IFB 4 1/2IFP	3.04	36.96
4	NMST Stab	DHS	670452	2.14	8.5	6 1/2	3	4 1/2IFB 4 1/2IFP	4.54	41.50
5	NMDC	GGDS	DR9901			6 1/2	3 1/4	4 1/2IFB 4 1/2IFP	27.81	69.31
6	Shock Tool	Other	USKW 3009389-1			6 3/4		4 1/2IFB 4 1/2IFP	10.69	80.00
7	12XDC'S	RIG	RIG			6 1/2	2 7/8	4 1/2 IFP 4 1/2 IFP	368.13	448.13
8	24XHWDP	RIG	RIG			5	3 1/4	4 1/2 IFP 4 1/2 IFP	730.42	1178.55
9										
10										
11										
12										

Total BHA Length = 1178.55

BHA Weights : Wt in Air = Wt in Mud =

BHA Expected Behavior

BHA expected to produce 8.0°/100' DLS

BHA Actual Behavior

BHA produce 12.0°/100' DLS walking to the left

Comments / Reason for Trip

ROP

Failure? Y or N

N

N

Bit Grade

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

8-8-A-NR DBR