

BHA Data Sheet

Job #	CA2101005	BHA #:	8	Hole Size :	8 3/4	Motor # :	8
Customer:	University of Utah	Date In:	2/18/2021	Date Out:	2/20/2021	Motor OD:	7
Well:	Forge 56-32	Depth In:	5999	Depth Out:	7207	Tot.Ftge.:	1208
Well Loc.:	North Milford	Slide.Hrs.:	10.62	Slide Ft.:	160	Slide.ROP:	15.07
County/St.:	Beaver, Ut	Rot.Hrs.:	41.31	Rot.Ft.:	1048	Rot.ROP:	25.37
Rig :	Frontier 16	Drig Hrs.:	51.93	Slide WOB:	45/48	Avg.ROP:	23.26
DD:	Steve Mulholland	Circ.Hrs.:	1.51	Rot. WOB:	45	Steering%:	86.75%
DD:	Mark Houston	Tot D&C Hrs:	53.44	Avg. Tq.:	6000	Rotate % :	86.75%
MWD:	Al Gonzales	R/S Config.:	7/8 8.5	Avg RPM :	40	GPM:	670
MWD:		ABH Set:	FBH 1.5°	Incl. In:	4.02	SPP On:	3275
Mud Type:	WB	Mud PV:	17	Mud YP:	20	Incl.Out:	1.24
Mud Wt.:	8.7	Chloride:	1100	BHT F	156	Azimuth In :	231.45
Mud Vis.:	47	Sand % :	.75	Solid %:	6.00%	Azimuth Out :	228.23
						Avg.DLS:	

Item	Description	Vendor	S/N	F/N	Stab. OD	OD	ID	Connection	Length	Cum. Length
1	Jets 3X12 4X13 PDC/TFA .850	REED FTKC73	A275803			8 3/4	1 1/2	4 1/2RegP	0.85	0.85
2	7" Motor 7:8 8.5 1.50Fixed	DISCOVERY	700DDS023		8.5	7		4 1/2IFB 4 1/2RegB	34.24	35.09
3	NMUBHO	BT	6751447	1.74		6 13/16	3 1/4	4 1/2IFB 4 1/2IFP	3.04	38.13
4	NMST Stab	DHS	650948	2.5	8.5	6 9/16	3	4 1/2IFB 4 1/2IFP	4.70	42.83
5	NMDC	GGDS	DR9901			6 1/2	3 1/4	4 1/2IFB 4 1/2IFP	27.81	70.64
6	12XDC'S	RIG	RIG			6 1/2	2 7/8	4 1/2IFB 4 1/2IFP	368.13	438.77
7	24XHWDP	RIG	RIG			5	3 1/4	4 1/2 IFP 4 1/2 IFP	730.42	1169.19
8										
9										
10										
11										
12										

Total BHA Length = 1169.19
BHA Weights : Wt in Air = Wt in Mud =

BHA Expected Behavior

BHA expected to produce 8.0°/100' DLS

BHA Actual Behavior

Motor yeilds from 4° to 8° per 100's inconsistent motor yeild, would build .5° or more in 90' survey stations.

Comments / Reason for Trip

Low ROP

Failure? Y or N

N

Bit Grade

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

2-8-JD-T-I-X-RO-PR