

BHA Data Sheet

Job #	CA2101005	BHA #:	4	Hole Size :	8 3/4	Motor # :	4
Customer:	University of Utah	Date In:	02/12/21	Date Out:	2021/02/14	Motor OD:	7
Well:	Forge 56-32	Depth In:	3500	Depth Out:	4595	Tot.Ftge.:	1095
Well Loc.:	North Milford	Slide.Hrs.:	2.64	Slide Ft.:	74	Slide.ROP:	28.03
County/St.:	Beaver, Ut	Rot.Hrs.:	24	Rot.Ft.:	1021	Rot.ROP:	42.54
Rig :	Frontier 16	Drig Hrs.:	26.64	Slide WOB:	25	Avg.ROP:	41.10
DD:	Steve Mulholland	Circ.Hrs.:	2	Rot. WOB:	39	Steering%:	6.76%
DD:	Mark Houston	Tot D&C Hrs:	28.64	Avg. Tq.:	10	Rotate % :	93.00%
MWD:	Al Gonzales	R/S Config.:	6/7 6.5	Avg RPM :	80	GPM:	700
MWD:		ABH Set:	1.5	Incl. In:	1.45	SPP On:	3200
Mud Type:	LSND	Mud PV:	12	Mud YP:	16	Incl.Out:	1.19
Mud Wt.:	9	Chloride:	1300	BHT F	138	Azimuth In :	119.54
Mud Vis.:	45	Sand % :	0.25%	Solid %:	6.00%	Azimuth Out :	338.56
						Delta P:	300
						Avg.DLS:	2.5

Item	Description	Vendor	S/N	F/N	Stab. OD	OD	ID	Connection	Length	Cum. Length
1	Jets4x13 3x12 PDC TFA=.849	REED TKC73	A275660			8 3/4	1 1/2	4 1/2RegP	0.85	0.85
2	7" Motor 6:7 6.5 1.50Fixed	GGDS	RM7007	2.25	8.5	7		4 1/2IFB 4 1/2RegB	33.02	33.87
3	NMUBHO	BT	6751447	1.74		6 13/16	3 1/4	4 1/2IFB 4 1/2IFP	3.04	36.91
4	NMST Stab	DHS	670045	1.7	8.5	6 1/2	3	4 1/2IFB 4 1/2IFP	4.12	41.03
5	NMDC	GGDS	DR9901			6 1/2	3 1/4	4 1/2IFB 4 1/2IFP	27.81	68.84
6	Shock Tool	Other	AW 17678794			6 3/4		4 1/2IFB 4 1/2IFP	10.73	79.57
7	12XDC'S	RIG	RIG			6 1/2	2 7/8	4 1/2 IFP 4 1/2 IFP	368.13	447.70
8	24XHWDP	RIG	RIG			5	3 1/4	4 1/2 IFP 4 1/2 IFP	730.42	1178.12
9										
10										
11										
12										

Total BHA Length = 1178.12
BHA Weights : Wt in Air = Wt in Mud =

BHA Expected Behavior

BHA expected to produce 8.0°/100' DLS

BHA Actual Behavior

Motor yields 10.5°-12.5°/100'

6 % sliding required to keep under 4°. Wellbore tendency was to walk to the NW

Comments / Reason for Trip

ROP

Failure? Y or N

N

N

Bit Grade

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

3-3WT-AA-X-1-BC-ROP