



BHA Data Sheet

Job #	CA2101005	BHA #:	11	Hole Size :	8 3/4	Motor # :	700DDS025
Customer:	University of Utah	Date In:	2/25/2021	Date Out:	02/27/21	Motor OD:	7
Well:	Forge 56-32	Depth In:	8900	Depth Out:	9145	Tot.Ftge.:	245
Well Loc.:	North Milford	Slide.Hrs.:	1.14	Slide Ft.:	50	Slide.ROP:	43.86
County/St.:	Beaver, Ut	Rot.Hrs.:	1.77	Rot.Ft.:	195	Rot.ROP:	110.17
Rig :	Frontier 16	Drig Hrs.:	2.91	Slide WOB:	42	Avg.ROP:	84.19
DD:	Steve Mulholland	Circ.Hrs.:		Rot. WOB:	40	Steering%:	6.05%
DD:	Mark Houston	Tot D&C Hrs:	2.91	Avg. Tq.:	1400	Rotate % :	79.59%
MWD:	Al Gonzales	R/S Config.:	7:8 8.5	Avg RPM :	40	GPM:	660
MWD:		ABH Set:	1.5°	Incl. In:	2.49	SPP On:	3750
Mud Type:	WB	Mud PV:	14	YP	16	Incl.Out:	2.99
Mud Wt.:	9	Chloride:	1200	BHT F	130	Azimuth In :	261.06
Mud Vis.:	42	Sand % :	.01	Solid %:	8.00%	Azimuth Out :	239.87
						Avg.DLS:	

Item	Description	Vendor	S/N	F/N	Stab. OD	OD	ID	Connection	Length	Cum. Length
1	Jets 4x12 4x11 PDC/TFA .813	REED SKC813	A276071			8 3/4	1 1/2	4 1/2RegP	0.85	0.85
2	7" Motor 7:8 8.5 1.50Fixed	Discovery	700DDS025		8.5	7		4 1/2IFB 4 1/2RegB	34.28	35.13
3	NMUBHO	BT	6751608	1.74		6 13/16	3 1/4	4 1/2IFB 4 1/2IFP	3.42	38.55
4	NMST Stab	DHS	670462	1.75	8.5	6 1/2	2 13/16	4 1/2IFB 4 1/2IFP	4.55	43.10
5	NMDC	GGDS	DR 26583			6 1/2	3 1/4	4 1/2IFB 4 1/2IFP	27.10	70.20
6	12XDC'S	RIG	RIG			6 1/2	2 7/8	4 1/2IFB 4 1/2IFP	368.05	438.25
7	JARS	RIG	USKW13554349			6 1/2	3	4 1/2 IFP 4 1/2 IFP	33.51	471.76
8	24XHWDP	RIG	RIG			5	3 1/4	4 1/2 IFP 4 1/2 IFP	730.42	1202.18
9										
10										
11										
12										

Total BHA Length = 1202.18

BHA Weights : Wt in Air = Wt in Mud =

BHA Expected Behavior

BHA expected to produce 8.0°/100' DLS

BHA Actual Behavior

BHA drilled well, but slides could only manage 5.1°/100' yields - most of which were seen as turn rates and not straight drops as attempted.

Comments / Reason for Trip

Reached TD @ 9,145' - Ahead of the drilling curve, under budget, and within the target.

Failure? Y or N

N

Bit Grade

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

2-2-WC-AA-X-I-NO-TD