



BHA Data Sheet

Job #	CA2101005	BHA #:	2	Hole Size :	12 1/4	Motor # :	2
Customer:	University of Utah	Date In:	2/9/21	Date Out:	2021/02/10	Motor OD:	8
Well:	Forge 56-32	Depth In:	390	Depth Out:	3308	Tot.Ftge.:	2918
Well Loc.:	North Milford	Slide.Hrs.:	0.89	Slide Ft.:	175	Slide.ROP:	196.63
County/St.:	Beaver, Ut	Rot.Hrs.:	7.05	Rot.Ft.:	2743	Rot.ROP:	389.08
Rig :	Frontier 16	Drig Hrs.:	7.94	Slide WOB:	25	Avg.ROP:	367.51
DD:	Steve Mulholland	Circ.Hrs.:	3.81	Rot. WOB:	48	Steering%:	6.00%
DD:	Mark Houston	Tot D&C Hrs:	11.75	Avg. Tq.:	7000	Rotate % :	94.00%
MWD:	Al Gonzales	R/S Config.:	7/8 5.9	Avg RPM :	100	GPM:	800
MWD:		ABH Set:	1.5°	Incl. In:	0.48	SPP On:	3200
Mud Type:	WB	Mud PV:	12	Mud YP:	14	Incl.Out:	0.7
Mud Wt.:	9	Chloride:	300	BHT F	85	Azimuth In :	44.92
Mud Vis.:	44	Sand % :	0.25%	Solid %:	3.00%	Azimuth Out :	92.55
						Delta P:	450
						Avg.DLS:	0.5

Item	Description	Vendor	S/N	F/N	Stab. OD	OD	ID	Connection	Length	Cum. Length
1	JETs 6 x 14 PDC BIT TFA=	REED 0.9019	TKC66 A266974			12 1/4	3	6 5/8RP	1.20	1.20
2	8" MOTOR 7:8L 5.9Stg .16RPG	GGDS	TOP800 ML010		12	8		6 5/8RB	33.12	34.32
3	NMUBHO	BT	UBHO 501580			8 1/8	3 3/4	6 5/8RB	3.53	37.85
4	NM STAB	DHS	800761	1.7	12	8	3	6 5/8RB	4.85	42.70
5	NMDC	GGDS	DR6020			7 7/8	3 1/4	6 5/8RP	28.96	71.66
6	SHOCK TOOL		CAXP235-#####	1.61		8 1/16	2 7/8	6 5/8RB	12.68	84.34
7	DRILL COLLAR	RIG	RIG			8	3	6 5/8RP	273.61	357.95
8	XO	RIG	RIG					4 1/2IFB	3.19	361.14
9	24 x HWDP	RIG	RIG			5	3 1/4	4 1/2IFB	730.42	1091.56
10								4 1/2IFP		
11										
12										

Total BHA Length = 1091.56

BHA Weights : Wt in Air = 81287 lb Wt in Mud = 70366 lb

BHA Expected Behavior Delta P = 1390psi; RPG = .16;

BHA expected to produce 6.0°/100' DLS

BHA Actual Behavior Motor Stalls 4 BHA produce 3°/100's DLS, Bit was core out in the center DBR

Comments / Reason for Trip ROP

Failure? Y or N N

Bit Grade Inner/Outer/Dull Char./Location/Brng/Gage/Other/Reason Pulled 8-1-JD-C-X-I-CR-PR