



BOTTOM HOLE ASSURANCE, INC.

No. DIR 21723HMM1

NDE Inspection Services

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Bottomholeassurance.com

CUSTOMER **HALLIBURTON** 3RD PARTY
RIG _____
OCS-G & WELL _____

FACILITY / LOCATION **HMM SHOP / CLEANWELL**
PROJECT _____

AUTHORIZED BY **JOSH TRAHAN**
P.O. / JOB # **SO# 908434840**

INVOICE NO. _____
DATE: **2/17/2023**

Serial #	Tool Description	Overall Length	Fishing Neck Length	Tong Space	Pin I.D.	Pin O.D.	Box O.D.	PIN											BOX												
								Connection Size	Pin Length	Pin Cylinder Diameter	Pin Nose Diameter	Pin Relief Diameter	Pin Rel. Width	Pin Neck Lgth	Bevel Diameter	B S R	OK or Reject	Remarks	Connection Size	Counter Bore Length	Counter Bore Diameter	Bore Back Dia. Float Bore Dia.	Bore Back Lgth	Float Bore Lgth	Box Thread Length	Counterbore Wall Thickness	Bevel Diameter	B S R	OK or Reject	Remarks	
HMM 747	4.125" LH SPIRAL MILL	5.07	20 7/16	19 7/8	1 1/2	3 1/8	3 1/8	SLH 90	4.435	2.650	2.240					3.024		OK		SLH 90		2.751			4.444	0.195	3.025		OK		
HMM 888	4.125" BOTTOM MILL	1.40	N/A	10 5/16	1"	3 1/8	N/A	2 3/8 REG	2 15/16						3/8	3 1/32		OK													

Remarks: FULL BODY INSP AS PER BSD-GL-HAL-CWT 201 REV. 12 Customer Rep Signoff: _____

Batch # Info.		Connection Inspection				Body Inspection				Body Dry M.P.I.				Blacklight Inspection				Liquid Penetrant Inspection					
20-B	22F064	Wet Flour. M.P.I.	<input checked="" type="checkbox"/>	Dry M.P.I.	<input type="checkbox"/>	Wet Flour. M.P.I.	<input checked="" type="checkbox"/>	Residual	<input type="checkbox"/>	Dry M.P.I.	<input checked="" type="checkbox"/>	Residual	<input type="checkbox"/>	Blacklight Intensity:	6230	Bath Mixture:	0.25	Whitelight:	0.1	Magnaflux Developer:	SKD-S2		
Dry Powder	22161	Vis. Liq. Pen.	<input type="checkbox"/>	Residual	<input type="checkbox"/>	Vis. Liq. Pen.	<input type="checkbox"/>	Continuous	<input checked="" type="checkbox"/>	Long. Insp.	<input checked="" type="checkbox"/>	Continuous	<input checked="" type="checkbox"/>	Equipment / Inspector Information									
7-HF		Flour Liq. Pen.	<input type="checkbox"/>	Continuous	<input checked="" type="checkbox"/>	Flour Liq. Pen.	<input type="checkbox"/>	AC Current	<input type="checkbox"/>	Trans. Insp.	<input type="checkbox"/>	AC Current	<input checked="" type="checkbox"/>	Equipment Used From Unit #	17			Dwell Time:		_____ min			
White Contrast		Long. Insp.	<input type="checkbox"/>	AC Current	<input type="checkbox"/>	Long. Insp.	<input type="checkbox"/>	DC Current	<input checked="" type="checkbox"/>			DC Current	<input type="checkbox"/>	Qual. Date(s)	MT	5/6/2019	PT		White Light:	_____ min			
14-A		Trans. Insp.	<input checked="" type="checkbox"/>	DC Current	<input checked="" type="checkbox"/>	Trans. Insp.	<input checked="" type="checkbox"/>	Visible M.P.I.	<input type="checkbox"/>					Level II Inspector:		TANNER BLANCHARD		Magnaflux Penetrant:		<input type="checkbox"/> SKL-WP2			
System Effectiveness:		LP-Comparative Block	<input type="checkbox"/>	Dry MP-Castrol Strip	<input checked="" type="checkbox"/>	Wet MP-Castrol Strip	<input checked="" type="checkbox"/>	Profile Gage RSC OK	<input checked="" type="checkbox"/>	3rd Party Rep		Signature:						<input type="checkbox"/> ZL-60D		Batch #	_____ min		
Job Information																							
B	TB	V	TB	D		P	TB															Signature guarantees final walk thru of job and job site	