



BOTTOM HOLE ASSURANCE, INC.

Blacklight, Ultrasonic Wall Thickness,
& Liquid Penetrant Inspection

No. IR **62222TT-1**

Email: BHAInc@bottomholeassurance.com
109 Citron Drive • Youngsville, LA 70592

Office: (337) 857-8994 Fax: (337) 857-8964

CUSTOMER HALLIBURTON ICC		3rd PARTY <input type="checkbox"/>	FACILITY / LOCATION TEST TOOLS	AUTHORIZED BY BOBBY CHOATE		INVOICE NO.		
RIG		OCS-G & WELL NO.		PROJECT IN HOUSE	P.O. NO. / JOB NO. 1017510022	DATE 6/22/2022		
SERIAL NO.	DESCRIPTION		PIN	BOX	I.D.	O.D.	LENGTH	
1	EQ# 11664890	7 3/4" CHAMP IV PACKER						
2	B3664007-01	TOP ADAPTER - ACC		INT - ACC	3 7/8" CAS - ACC	2 1/4	5"	1.13
3		SAP# 100071685						
4	BBM216418-1	UPPER MANDREL - ACC		INT x INT - ACC				
5		SAP# 10004100						
6	AFR0800194	FLOATING PISTON - ACC						
7		SAP# 100012595						
8	AHY2217011-1	BALANCING COUPLING - ACC			INT x INT - ACC			
9		SAP# 100004114						
10	BBM226489-1	PORTED HOUSING - ACC		INT - ACC				
11		SAP# 100004113						
12	G3109878-4	UPPER BODY - ACC		INT - ACC	INT - ACC			
13		SAP# 100071683						
14	ZU1323886-2	BYPASS SLEEVE - ACC						
15		SAP# 100004115						
16	ABH1553194-2	CENTER MANDREL - ACC		INT x INT - ACC				
17		SAP# 102513063						
18	NA	SHOE COUPLING - ACC		INT - ACC	INT - ACC			
19		SAP# 100071678						
20	AKV149772-1	PACKER MANDREL - ACC		INT - ACC				
21		SAP# 100012603						
22	G3666536	MECH SLIP BODY - ACC		INT - ACC	INT - ACC			
23		SAP# 102513062						
24	C3283738-1	HYDRAULIC BODY-ACC		INT - ACC				
25		SAP# 100071718						
26	AKB1548151-1	SPLIT RING COLLAR - (3 COMPONENTS) ACC						
27		SAP# 102513070						
28	AKB1548341-2	DRAG BLOCK SLEEVE- ACC						
29		SAP# 102514433						
30	AKB1548652-2	J-SLOT MANDREL-ACC		3 7/8" CAS - ACC	INT - ACC			
31		SAP# 102514144						
32	AKB1548343-2	CHAMBER BODY-ACC		INT - ACC	INT - ACC			
33		SAP# 102513069						
34	D01031576-2	BOTTOM ADAPTER-ACC		3 7/8 CAS- ACC	INT - ACC	2 1/4	5	1.26
35		SAP# 102513069						
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SUMMARY: FULL BODY INSP. BSM-GOM-HAL-TT-201 REV. 5

Batch # Info.	Connection Inspection		Body Inspection		Body Dry M.P.I	
20-B 20B065	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 type="checkbox"/>	Residual <input type="checkbox"/>
Dry Powder	Vis. Liq. Pen. <input type="checkbox"/>	Residual <input type="checkbox"/>	Vis. Liq. Pen. <input type="checkbox"/>	Continuous <input checked="" type="checkbox"/>	Long. Insp. <input type="checkbox"/>	Continuous <input type="checkbox"/>
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 type="checkbox"/>
White Contrast	Long. Insp. <input checked="" type="checkbox"/>	AC Current <input type="checkbox"/>	Long. Insp. <input checked="" type="checkbox"/>	DC Current <input checked="" type="checkbox"/>		DC Current <input type="checkbox"/>
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"/>		

System Effectiveness: LP-Comparitive Block Dry MP-Castrol Strip Wet MP-Castrol Strip

Blacklight Inspection	Equipment / Inspector Information
Blacklight Intensity: <u>3815</u> Bath Mixture: <u>0.25</u> Whitelight: <u>0.1</u>	Equipment Used From Unit # <u>13</u> Qual. Date(s) MT <u>7/21/2019</u> PT <u>9/21/2021</u>
Liquid Penetrant Inspection Whitelight: _____ Magnaflux Developer: SKD-S2 Magnaflux Penetrant: <input type="checkbox"/> SKL-WP2 (Check one) <input type="checkbox"/> ZL-60D Batch # _____ Batch # _____ Dwell Time: _____ min Dwell Time: _____ min	3rd Party Rep: _____ Signature: _____ Level II Inspector: RIDGE ALBERT Signature:
Job Information B _____ RA _____ V _____ RA _____ D _____ P _____ RA _____	Signature: _____ <small>Signature guarantees final walk thru of job and job site</small>



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RIG		OCS-G & WELL NO.		PROJECT IN HOUSE	P.O. NO. / JOB NO. 1017510022	DATE 6/22/2022		
SERIAL NO.	DESCRIPTION		PIN	BOX	I.D.	O.D.	LENGTH	
1	EQ# 11664890	7 3/4" CHAMP IV PACKER NR						
2	C35178773-13,9	MECHANICAL SLIPS - ACC						
3	12,10,14,15	SAP# 101615277						
4	AKB1548342-2	LUG RETAINER-ACC						
5		SAP# 102513066						
6	AN1980099-1,2,3,4	STRAPS-ACC						
7		SAP# 100004101						
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Dry Powder	Vis. Liq. Pen. <input type="checkbox"/>	Residual <input type="checkbox"/>	Vis. Liq. Pen. <input type="checkbox"/>	Continuous <input checked="" type="checkbox"/>	Long. Insp. <input type="checkbox"/>	Continuous <input type="checkbox"/>
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White Contrast	Long. Insp. <input checked="" type="checkbox"/>	AC Current <input type="checkbox"/>	Long. Insp. <input checked="" type="checkbox"/>	DC Current <input checked="" type="checkbox"/>		DC Current <input type="checkbox"/>
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"/>		

System Effectiveness: LP-Comparitive Block Dry MP-Castrol Strip Wet MP-Castrol Strip

Blacklight Inspection	Equipment / Inspector Information
Blacklight Intensity: <u>1612</u> Bath Mixture: <u>0.25</u> Whitelight: <u>0.1</u>	Equipment Used From Unit # <u>13</u>
	Qual. Date(s) MT <u>7/21/2019</u> PT <u>9/21/2021</u>
Liquid Penetrant Inspection	3rd Party Rep: _____
Whitelight: _____	Signature: _____
Magnaflux Developer: SKD-S2 Magnaflux Penetrant: <input type="checkbox"/> SKL-WP2 (Check one) <input type="checkbox"/> ZL-60D	Level II Inspector: RIDGE ALBERT
Batch # _____ Dwell Time: _____ min	Signature: _____
Job Information	Signature guarantees final walk thru of job and job site
B _____ RA _____ V _____ RA _____ D _____ P _____ RA _____	