



# BOTTOM HOLE ASSURANCE, INC.

Blacklight, Ultrasonic Wall Thickness,  
& Liquid Penetrant Inspection


No. IR 61722TT-1

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

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

CUSTOMER HALLIBURTON ICC		3rd PARTY ☐	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 6/17/2022	
SERIAL NO.	DESCRIPTION			PIN		BOX		I.D.	O.D.	LENGTH
1	EQ# 11760549	5 3/8 XHP OMNI								
2	KM0922600-04	NITROGEN FILLER NIPPLE - ACC			INT x INT - ACC					
3		SAP# 100065510								
4	G-564841-2	TOP ADAPTER - ACC					3 7/8" CAS x INT - ACC	2 1/4	5 3/8	1.05
5		SAP# 101581867								
6	B3351916-1	NITROGEN MANDREL - ACC			INT x INT - ACC					
7		SAP# 101736525								
8	B4089653-01	NITROGEN CASE - (LPI) ACC			INT x INT - ACC					
9		SAP# 101736283								
10	0003946718-1	FLOATING PISTON - ACC			INT - ACC					
11		SAP# 100065961								
12	B33182-13	FLOATING PISTON - ACC			INT - ACC					
13		SAP# 100065961								
14	AEZ088797-2	CHECK VALVE NUT - ACC			INT - ACC					
15		SAP# 100065956								
16	ZU0918068-2	RD NIPPLE - ACC			INT x INT - ACC					
17		SAP# 100065958								
18	G3605923-1	RATCHET LONG - ACC			INT - ACC					
19		SAP# 100065915								
20	BBM194997.1	OPERATING MANDREL - ACC			INT x INT - ACC					
21		SAP# 101736408								
22	BA140328898-1	OPERATING CASE - ACC			INT - ACC		INT - ACC			
23		SAP# 100065916								
24	B3726497-1	OIL CASE - ACC			INT x INT - ACC					
25		SAP# 101736622								
26	AEZ268979-2	SEALING NIPPLE - ACC			INT x INT - ACC					
27		SAP# 100065962								
28	KM0922647-02	CIRCULATING PORT - ACC			INT - ACC		INT - ACC			
29		SAP# 101762732								
30	AKV149982-4	CIRCULATING MANDREL - ACC			INT - ACC					
31		SAP# 101762221								
32	BAC188154-1	CIRCUALTING CASE - (LPI) ACC			INT - ACC		INT - ACC			
33		SAP# 1000065914								
34	BAS1835	SPRING FINGER - ACC			INT - ACC					
35		SAP# 101666471								
36	KM-09-22808-05	SEAT HOLDER - ACC			INT - ACC					
37		SAP# 101834007								
38	C4483600-3	BALL & SEAT - (LPI) ACC								
39		SAP#100065973								
40										

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 checked="" type="checkbox"/>	Residual <input type="checkbox"/>	Vis. Liq. Pen. <input checked="" 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-Comparative Block <input checked="" type="checkbox"/> Dry MP-Castrol Strip <input type="checkbox"/> Wet MP-Castrol Strip <input checked="" type="checkbox"/>						
Blacklight Inspection				Equipment / Inspector Information		
Blacklight Intensity: 2570 Bath Mixture: 0.25 Whitelight: 0.1				Equipment Used From Unit # 13		
				Qual. Date(s) MT 7/21/2019 PT 9/21/2021		
Liquid Penetrant Inspection				3rd Party Rep: _____		
Whitelight: 100.0				Signature: _____		
Magnaflux Developer: SKD-S2		Magnaflux Penetrant: <input checked="" type="checkbox"/> SKL-WP2				
		(Check one) <input type="checkbox"/> ZL-60D				
Batch # 19F16K		Batch # 19D07K		Level II Inspector: RIDGE ALBERT		
Dwell Time: 10 min		Dwell Time: 20 min		Signature: 		
Job Information				Signature guarantees final walk thru of job and job site		
B RA	V RA	D RA	P RA			



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CUSTOMER HALLIBURTON ICC		3rd PARTY <input type="checkbox"/>	FACILITY / LOCATION TEST TOOLS		AUTHORIZED BY BOBBY CHOATE		INVOICE NO.			
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SERIAL NO.	DESCRIPTION			PIN		BOX		I.D.	O.D.	LENGTH
1	EQ# 11760549	5 3/8 XHP OMNI								
2	3211699-02	BALL VALVE CAGE - ACC					INT - ACC			
3		SAP# 102313157								
4	B3454308-119	OPERATING PIN - ACC								
5		SAP# 100066767								
6	B3454308-109	OPERATING PIN - ACC								
7		SAP# 100066767								
8	AFR0816895-14	BALL VALVE CASE - ACC					INT - ACC			
9		SAP# 100065955								
10	BAC1762695	BTM ADAPTER - ACC			3 7/8 CAS - ACC		INT - ACC		2 1/4	4 15/16
11		SAP# 100065935								
12	BAGF105622#1	NITROGEN VOLUME CASE - ACC					INT x INT - ACC			
13		SAP# 101786051								
14	ABH0929513-#3	NITROGEN MANDREL - ACC			INT - ACC					
15		SAP# 101581507								
16	AKV139144-6	CONNECTOR - ACC					INT - ACC			
17		SAP# 101666472								
18	KM1735475-01	OPERATING VALVE BODY - ACCC								
19		SAP# 102569123								
20	ALP1701201-05	ROTATING MANDREL -ACC								
21		SAP# 102569121								
22	AFR0800121	LOCKING CONNECTOR - ACC								
23		SAP# 100065950								
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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"/>		
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Blacklight Intensity: 2676 Bath Mixture: 0.25 Whitelight: 0.1			Equipment Used From Unit # 13			
			Qual. Date(s) MT 7/21/2019 PT 9/21/2021			
Liquid Penetrant Inspection			3rd Party Rep: _____			
Whitelight: 100.0			Signature: _____			
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