



BOTTOM HOLE ASSURANCE, INC.

NDE Inspection Services

No. IR 11023TT-1

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


Office: (337) 857-8994 Fax: (337) 857-8964
Bottomholeassurance.com

CUSTOMER HALLIBURTON ICC		3rd PARTY <input type="checkbox"/>	FACILITY / LOCATION TEST TOOLS	AUTHORIZED BY SHAWN MALBREAUX		INVOICE NO.		
RIG		OCS-G & WELL NO.		PROJECT IN HOUSE	P.O. NO. / JOB NO. 1017510022	DATE 1/10/2023		
SERIAL NO.	DESCRIPTION		PIN	BOX	I.D.	O.D.	LENGTH	
1	EQ# 10254376	9 5/8" CHAMP IV PACKER						
2	G3545453-1	TOP COUPLING - ACC		INT (B) - ACC	NC 50 - ACC	3 3/4	6 5/8	1.38
3		SAP# 100064926						
4	AME1710118-17	LOWER MANDREL - ACC			INT x INT - ACC			
5		SAP# 100070308						
6	0003940788-5	DRAG BLOCK SLEEVE - ACC		INT - ACC				
7		SAP# 102725720						
8	B405219-2	LOWER PIN - ACC		NC 50 - REJ	INT (P) - ACC	3 3/4	6 1/2	1.00
9		SAP# 100012564						
10	BBM205506-1	HYD HOLD DOWN BODY - ACC		INT - ACC				
11		SAP# 100071767						
12	B1901005-2	ADAPTER - ACC		INT - ACC	INT - ACC			
13		SAP# 100071772						
14	B1625528-2	MECH SLIP BODY - ACC		INT - ACC				
15		SAP# 100071774						
16	ZU1121328-2	SPLIT RING COLLAR - ACC						
17		SAP# 100071775						
18	AHY2115466-1	UPPER MANDREL - ACC		INT x INT - ACC				
19		SAP# 100071781						
20	AHY1811767-1	FLOATING PISTON - ACC						
21		SAP# 100004119						
22	AB14160732-4	UPPER SHOE - ACC		INT - ACC	INT - ACC			
23		SAP# 100071783						
24	C3518594-3	PACKER MANDREL - ACC		INT - ACC				
25		SAP# 100071784						
26	KM2139591-01	UPPER BODY - ACC		INT - ACC	INT - ACC			
27		SAP# 100071786						
28	BAC21A0456-1	PORTED HOUSING - ACC		INT - ACC				
29		SAP# 100071787						
30	KM-20-3899-02	BALANCING COUPLING - ACC			INT - ACC			
31		SAP# 100071788						
32	AFJ154420-11	BY-PASS MANDREL - ACC						
33		SAP# 100071789						
34	KM-18-36023-01	CENTER MANDREL - ACC		INT x INT - ACC				
35		SAP# 100071790						
36	ALF-1605067-1	UPPER BACK UP RING - ACC			INT - ACC			
37		SAP# 101972893						
38								
39								
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	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"/>	Long. Insp. <input type="checkbox"/>	Trans. Insp. <input type="checkbox"/>	DC Current <input type="checkbox"/>	Visible M.P.I. <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"/>	Trans. Insp. <input type="checkbox"/>	DC Current <input type="checkbox"/>	Visible M.P.I. <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"/>	Long. Insp. <input checked="" type="checkbox"/>	Trans. Insp. <input type="checkbox"/>	DC Current <input type="checkbox"/>	Visible M.P.I. <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"/>	Trans. Insp. <input type="checkbox"/>	Visible M.P.I. <input type="checkbox"/>	DC Current <input type="checkbox"/>	Visible M.P.I. <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"/>	DC Current <input type="checkbox"/>	Visible M.P.I. <input type="checkbox"/>	DC Current <input type="checkbox"/>	Visible M.P.I. <input type="checkbox"/>

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

Blacklight Inspection	Equipment / Inspector Information
Blacklight Intensity: <u>4500</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:  Signature guarantees final walk thru of job and job site
Job Information B <u>RA</u> V <u>RA</u> D _____ P <u>RA</u>	Customer Rep Signoff: _____



BOTTOM HOLE ASSURANCE, INC.

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CUSTOMER HALLIBURTON ICC		3rd PARTY <input type="checkbox"/>	FACILITY / LOCATION TEST TOOLS	AUTHORIZED BY SHAWN MALBREAUX		INVOICE NO.	
RIG		OCS-G & WELL NO.		PROJECT IN HOUSE	P.O. NO. / JOB NO. 1017510022	DATE 1/10/2023	
SERIAL NO.	DESCRIPTION		PIN	BOX	I.D.	O.D.	LENGTH
1	EQ# 10254376	9 5/8" CHAMP IV PACKER					
2	HT#N8371	LOWER BACK UP RING - ACC			INT - ACC		
3		SAP# 101972894					
4							
5							
6							
7	CK1547376-3	HYD SLIP BUTTON - ACC					
8	CK1344833-40	SAP# 10004061					
9	CK1345156-263,185						
10	291						
11	CK1546933-18						
12	CK1547204-25						
13	CK1344892-245						
14	CK1446271-17,44						
15	CK1446439-8						
16							
17	AN1872861-47,51	HOLD DOWN STRAP - ACC					
18	49,50	SAP# 100070341					
19							
20							
21	AN1550D62-	DRAG BLOCKS - ACC					
22	AN1552D62-28-77	SAP# 102530303					
23	AN1437D62-57						
24	AN1632D62-10						
25	AN1872674-171						
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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	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-Comparative Block Dry MP-Castrol Strip Wet MP-Castrol Strip

Blacklight Inspection			Equipment / Inspector Information	
Blacklight Intensity: <u>4015</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: (Check one)	<input type="checkbox"/> SKL-WP2 <input type="checkbox"/> ZL-60D	Level II Inspector: <u>RIDGE ALBERT</u>	
Batch # _____	Batch # _____		Signature: 	
Dwell Time: _____ min	Dwell Time: _____ min		Signature guarantees final walk thru of job and job site	
Job Information			Customer Rep Signoff: _____	
B <u>RA</u>	V <u>RA</u>	D _____	P <u>RA</u>	



B O T T O M H O L E A S S U R A N C E , I N C .

NDE Inspection Services


No. IR 11023TT-3

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CUSTOMER HALLIBURTON ICC		3rd PARTY <input type="checkbox"/>	FACILITY / LOCATION TEST TOOLS	AUTHORIZED BY SHAWN MALBREAUX		INVOICE NO.		
RIG		OCS-G & WELL NO.		PROJECT IN HOUSE	P.O. NO. / JOB NO. 1017510022	DATE 1/10/2023		
SERIAL NO.	DESCRIPTION		PIN	BOX	I.D.	O.D.	LENGTH	
1	EQ# 12544121	9 5/8" CHAMP PACK, NR KIT						
2	AFR0916995	LOWER PIN - ACC		NC 50 - ACC	INT (P) - ACC	3 3/4	6 1/2	1.00
3		SAP# 101615278						
4	BAC20A0675-2	MECH SLIP BODY - ACC		INT - ACC				
5		SAP# 101615281						
6	b1945299-4	SPLIT RING COLLAR - (3 COMPONENTS) ACC						
7		SAP# 101615282						
8	C3613855-1	DRAG BLOCK SLEEVE - ACC			INT - ACC			
9		SAP# 101615283						
10	BBM1842202	ROTATING LUG - ACC						
11		SAP# 102707272						
12	9726990-6	RETAINER LUG - ACC						
13		SAP# 102801616						
14	BBM1842212	J-SLOT MANDREL - ACC						
15		SAP# 102718667						
16	C2866704-1	CHAMBER MANDREL - ACC		INT - ACC	INT - ACC			
17		SAP# 101615287						
18	AHY125167-1	EXTENSION MANDREL - ACC			INT x INT - ACC			
19		SAP# 101615288						
20	BAC1862735-3	SLIDING LOCK - ACC						
21		SAP# 102706289						
22	ALC1839850-#1	UPPER CHAMBER BODY - ACC			INT x INT - ACC			
23		SAP# 101615291						
24	FA126692-03	LOWER CHAMBER BODY - ACC		INT - ACC				
25		SAP# 101615292						
26	C3709622-4	LOWER SHOE						
27		SAP#101972894			INT-ACC			
28	4285173-7,8,9,10,12	MECHANICAL SLIPS- ACC						
29		SAP#101615279						
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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	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"/>	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 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"/>	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 checked="" type="checkbox"/>	DC Current <input 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"/>	Visible M.P.I. <input type="checkbox"/>			
System Effectiveness:		LP-Comparative Block <input type="checkbox"/>	Dry MP-Castrol Strip <input type="checkbox"/>	Wet MP-Castrol Strip <input checked="" type="checkbox"/>				
Blacklight Inspection				Equipment / Inspector Information				
Blacklight Intensity: <u>4477</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: (Check one)		Level II Inspector: <u>RIDGE ALBERT</u>				
		<input type="checkbox"/> SKL-WP2		Signature: 				
		<input type="checkbox"/> ZL-60D		Signature guarantees final walk thru of job and job site				
Batch # _____		Batch # _____						
Dwell Time: _____ min		Dwell Time: _____ min						
Job Information								
B <u>RA</u> V <u>RA</u> D _____ P <u>RA</u>				Customer Rep Signoff: _____				

