



BOTTOM HOLE ASSURANCE, INC.

Blacklight, Ultrasonic Wall Thickness,
& Liquid Penetrant Inspection

No. IR **61622TT-5**

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 6/16/2022
SERIAL NO.	DESCRIPTION			PIN	BOX	I.D.	O.D.	LENGTH	
1	EQ# 10613759	7 5/8" 20-39LB CASING, CHAMP IV PACKER							
2	BAC1802615-1	TOP ADAPTER - ACC			INT - ACC	3 7/8" CAS - ACC	2 3/8	5	1.13
3		SAP# 100071685							
4	BBM195141.3	UPPER MANDREL - ACC			INT x INT - ACC				
5		SAP# 10004100							
6	AFR112095	FLOATING PISTON - ACC							
7		SAP# 100012595							
8	AHY2014269-01	BALANCING COUPLING - ACC				INT x INT - ACC			
9		SAP# 100004114							
10	C4006783-1	PORTED HOUSING - ACC			INT - ACC				
11		SAP# 100004113							
12	ZU1120971-3	UPPER BODY - ACC			INT - ACC	INT - ACC			
13		SAP# 100071683							
14	ZU1223076-3	BYPASS SLEEVE - ACC							
15		SAP# 100004115							
16	1267920-9	CENTER MANDREL - ACC			INT x INT - ACC				
17		SAP# 100004116							
18	B1357504-1	SHOE COUPLING - ACC			INT - ACC	INT - ACC			
19		SAP# 100071678							
20	AC1732015-2	PACKER MANDREL - ACC			INT - ACC				
21		SAP# 100012603							
22	B1963892-2	MECH SLIP BODY - ACC			INT - ACC	INT - ACC			
23		SAP# 100012604							
24	BBM194891.1	SPLIT RING COLLAR - (3 COMPONENTS) ACC							
25		SAP# 100070232							
26	FA149621-16	DRAG BLOCK SLEEVE- ACC							
27		SAP# 100004034							
28	C3517660-1	LOWER MANDREL - ACC			3 7/8" CAS - ACC	INT - ACC	2 1/2	4 3/4	2.25
29		SAP# 102018706							
30	CK1748216-15,18	HYDRAULIC SLIP - ACC							
31	CK1647555-54	SAP# 100012598							
32	CK1345841-97								
33	4285315-4,23,33								
34	CK14445919-63								
35	AN1769259	MECHANICAL SLIPS - ACC							
36		SAP# 100012556							
37	C4279756-10	DRAG BLOCKS - ACC							
38		SAP# 100004074							
39	BBM194892.1	HYDRAULIC SLIP BODY - ACC			INT - ACC				
40		SAP# 100071677							

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>4994</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	
Batch # _____	
Dwell Time: _____ min	Level II Inspector: RIDGE ALBERT
Job Information	Signature:
B _____ RA _____ V _____ RA _____ D _____ P _____ RA _____	Signature guarantees final walk thru of job and job site



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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 6/16/2022		
SERIAL NO.	DESCRIPTION		PIN	BOX	I.D.	O.D.	LENGTH	
1	EQ# 10613759	7 5/8" 20-39LB CASING, CHAMP IV PACKER						
2	C3804441-2	BACKUP RING - ACC			INT - ACC			
3		SAP# 100071672						
4	BBM184247-1	LOWER SHOE - ACC						
5		SAP# 100071673						
6	AN1980099	HOLD DOWN STRAPS - ACC						
7		SAP# 100004101						
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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>5913</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 _____	