



BOTTOM HOLE ASSURANCE, INC.

Blacklight, Ultrasonic Wall Thickness,
& Liquid Penetrant Inspection

No. IR **51922CWP-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 CLEAN WELL		AUTHORIZED BY TONY FREDRICK		INVOICE NO.	
RIG		OCS-G & WELL NO.		PROJECT		P.O. NO. / JOB NO.		DATE 5/19/2022
SERIAL NO.	DESCRIPTION		ACC / REJ.	SERIAL NO.	DESCRIPTION		ACC / REJ.	
1	4507605390530	SPLIT HALF	ACC	41	4507976198755	SPLIT HALF	ACC	
2	11543006	SPLIT HALF	ACC	42	11542989	SPLIT HALF	ACC	
3	450797619858	SPLIT HALF	ACC	43	450854450627	SPLIT HALF	ACC	
4	451003541815	SPLIT HALF	ACC	44	11543160	SPLIT HALF	ACC	
5	11543157	SPLIT HALF	ACC	45	451513447513	SPLIT HALF	ACC	
6	11629375	SPLIT HALF	ACC	46	45150134110113	SPLIT HALF	ACC	
7	11543150	SPLIT HALF	ACC	47	4514720281118	SPLIT HALF	ACC	
8	451378202241	SPLIT HALF	ACC	48	451513447519	SPLIT HALF	ACC	
9	451322059511	STABILIZER	ACC	49	11543161	SPLIT HALF	ACC	
10	4514646814113	STABILIZER	ACC	50	450955425033	SPLIT HALF	ACC	
11	4510263480117	STABILIZER	ACC	51	12077609	SPLIT HALF	ACC	
12	4508371596101	STABILIZER	ACC	52	11542830	SPLIT HALF	ACC	
13	450884492112	STABILIZER	ACC	53	4510257992111	SPLIT HALF	ACC	
14	451583438011	STABILIZER	ACC	54	11542968	SPLIT HALF	ACC	
15	4513655242110	STABILIZER	ACC	55	451472026145	SPLIT HALF	ACC	
16	451270733715	STABILIZER	ACC	56	451389563617	SPLIT HALF	ACC	
17	451423380615	STABILIZER	ACC	57	1154516813	SPLIT HALF	ACC	
18	451484034016	STABILIZER	ACC	58	11651610	SPRING CARTRIDGE	ACC	
19	450916720915	STABILIZER	ACC	59	451464681411	STABILIZER	ACC	
20	451464681416	STABILIZER	ACC	60	4514469894114	STABILIZER	ACC	
21	451387496714	END STABILIZER	ACC	61	450987667724	STABILIZER	ACC	
22	451380488012	END STABILIZER	ACC	62	4514469894111	STABILIZER	ACC	
23	4507986030539	SPLIT HALF	ACC	63	4514469894111	STABILIZER	ACC	
24	4507526017111	SPLIT HALF	ACC	64	4514469894113	STABILIZER	ACC	
25	451052845519	SPLIT HALF	ACC	65	450987667723	STABILIZER	ACC	
26	451379852211	SPLIT HALF	ACC	66	451201662615	STABILIZER	ACC	
27	11548524	BRUSH CARRIER	ACC	67	451220285116	STABILIZER	ACC	
28	45102067381	BRUSH CARRIER	ACC	68	450987667725	STABILIZER	ACC	
29	451168238814	BRUSH CARRIER	ACC	69	451448084011	STABILIZER	ACC	
30	450881880110717	BRUSH CARRIER	ACC	70	451423380618	STABILIZER	ACC	
31	45088188800703	BRUSH CARRIER	ACC	71	45116809819	SPRING CARTRIDGE	ACC	
32	68730301	END STABILIZER	ACC	72	12091835	SPRING CARTRIDGE	ACC	
33	45088690840101	END STABILIZER	ACC	73	4511560818111	SPRING CARTRIDGE	ACC	
34	68730305	END STABILIZER	ACC	74	451168097816	RETAINER SPLIT HALF	ACC	
35	4510169120404	MID STABILIZER	ACC	75	45011544251	RETAINER SPLIT HALF	ACC	
36	4503290127441	SPLIT HALF	ACC	76	69740305	RETAINER SPLIT HALF	ACC	
37	4513782028119	SPLIT HALF	ACC	77	71650319	RETAINER SPLIT HALF	ACC	
38	450780599053	SPLIT HALF	ACC	78	45079860701164	SPLIT RING	ACC	
39	11518788	SPLIT HALF	ACC	79	4517033484516	SPLIT RING	ACC	
40	45105662617	SPLIT HALF	ACC	80	4511560818108	SPLIT RING	ACC	

SUMMARY: FULL BODY INSP AS PER BSD-GL-HAL-CWT-201

Batch # Info.	Connection Inspection		Body Inspection		Body Dry M.P.I	
20-B 20B065	Wet Flour. M.P.I. <input 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 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 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 type="checkbox"/>	DC Current <input 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>5227</u> Bath Mixture: <u>0.30</u> Whitelight: <u>0.1</u>	Equipment Used From Unit # <u>32</u> Qual. Date(s) MT <u>11/30/2021</u> PT _____
Liquid Penetrant Inspection Whitelight: _____ Magnaflux Developer: SKD-S2 Magnaflux Penetrant: <input type="checkbox"/> SKL-WP2 (Check one) <input type="checkbox"/> ZL-60D Batch # _____ Dwell Time: _____ min	3rd Party Rep: _____ Signature: _____ Level II Inspector: GAELLEN ROBIN Signature:
Job Information B _____ GR _____ V _____ GR _____ D _____ P _____ GR _____	Signature: _____ <small>Signature guarantees final walk thru of job and job site</small>



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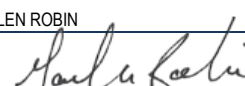
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RIG			OCS-G & WELL NO.		PROJECT		P.O. NO. / JOB NO.		DATE 5/19/2022
SERIAL NO.	DESCRIPTION		ACC / REJ.		SERIAL NO.	DESCRIPTION		ACC / REJ.	
1	6548065	SPLIT RING	ACC		41				
2	45112957260227	654848 BLADE	ACC		42				
3	45109584580411	654848 BLADE	ACC		43				
4	451139372601	654847 BLADE	ACC		44				
5	451471951902	654847 BLADE	ACC		45				
6	450908343490468	654847BLADE	ACC		46				
7	451477534902	654847 BLADE	ACC		47				
8	451186328901	654847BLADE	ACC		48				
9	4511215726017	654847 BLADE	ACC		49				
10	451186328901	654847 BLADE	ACC		50				
11	45151360127	654847 BLADE	ACC		51				
12	451471951901	654848 BLADE	ACC		52				
13	451471951901	654848 BLADE	ACC		53				
14	4512755945037	654848 BLADE	ACC		54				
15	45147753490304	654848 BLADE	ACC		55				
16	45112957260227	654848 BLADE	ACC		56				
17	2341	STABILIZER	ACC		57				
18					58				
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White Contrast	Long. Insp. <input 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 type="checkbox"/>	DC Current <input type="checkbox"/>	Trans. Insp. <input checked="" type="checkbox"/>	Visible M.P.I. <input type="checkbox"/>		

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Job Information B _____ GR _____ V _____ GR _____ D _____ P _____ GR _____	Signature: _____ <small>Signature guarantees final walk thru of job and job site</small>