



# 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 50724CWP-1

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

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**Bottomholeassurance.com**

CUSTOMER HALLIBURTON ICC			3rd PARTY <input type="checkbox"/>	FACILITY / LOCATION CLEAN WELL		AUTHORIZED BY TONY FREDERICK		INVOICE NO.	
RIG			OCS-G & WELL NO.		PROJECT		S/O		DATE 5/7/2024
SERIAL NO.	DESCRIPTION		OK / REJ.	SERIAL NO.	DESCRIPTION		OK / REJ.		
1	71740204	END STABILIZER	ACC	1	451495246214	SPLIT HALF	ACC		
2	45145493320101	END STABILIZER	ACC	2	451668972812	SPLIT HALF	ACC		
3	45107371391	END STABILIZER	ACC	3	450973496615	SPLIT HALF	ACC		
4	71740204	END STABILIZER	ACC	4	4516685972811	SPLIT HALF	ACC		
5	45138048800102	END STABILIZER	ACC	5	4514304534112	SPLIT HALF	ACC		
6	45129772160011	FIS	ACC	6	45100554381122	SPLIT HALF	ACC		
7	45188059870804	SPLIT COLLAR	ACC	7	451335737321	SPRING CARTRIDGE	ACC		
8	451380598735	SPLIT COLLAR	ACC	8	45116809784	SPRING CARTRIDGE	ACC		
9	22646112	SPRING CARTRIDGE	ACC	9	458021664851	SPRING CARTRIDGE	ACC		
10	22646116	SPRING CARTRIDGE	ACC	10	45116097814	SPRING CARTRIDGE	ACC		
11	451207152715	SPLIT HALF	ACC	11	411544274	SPLIT COLLAR	ACC		
12	451629905829	SPLIT HALF	ACC	12	451873917421	SPLIT COLLAR	ACC		
13	451514775425	SPLIT HALF	ACC	13	450808166483	SPLIT COLLAR	ACC		
14	450865588752	SPLIT HALF	ACC	14	4513779174	SPRING RETAINER	ACC		
15	451656889922	SPLIT HALF	ACC	15	4507986030116	SPRING RETAINER	ACC		
16	4510035418124	SPLIT HALF	ACC	16	451474643343	SPRING RETAINER	ACC		
17	4514720269113	SPLIT HALF	ACC	17	451474643331	SPRING RETAINER	ACC		
18	451566830413	SPLIT HALF	ACC	18	451026351614	STABILIZER	ACC		
19	4510864712114	SPLIT HALF	ACC	19	4510128809021	STABILIZER	ACC		
20	4508001959112	SPLIT HALF	ACC	20	451099924511	STABILIZER	ACC		
21	4508001959136	SPLIT HALF	ACC	21	4511239328213	STABILIZER	ACC		
22	450800195915	SPLIT HALF	ACC	22	451689689912	STABILIZER	ACC		
23	4519772162	SPRING RETAINER	ACC	23	451162715016	STABILIZER	ACC		
24	45129772162	SPRING RETAINER	ACC	24	451649647417	STABILIZER	ACC		
25	451649203115	SPRING RETAINER	ACC	25	45102547611	STABILIZER	ACC		
26	451649203116	SPRING RETAINER	ACC	26	451656389913	STABILIZER	ACC		
27	451614775424	SPLIT HALF	ACC	27	45116824032	MID STABILIZER	ACC		
28	4507976198525	SPLIT HALF	ACC	28	45166829610222	654848 BLADE	ACC		
29	451879052217	SPLIT HALF	ACC	29	45147195190122	654848 BLADE	ACC		
30	45150134110117	SPLIT HALF	ACC	30	451497179821	654848 BLADE	ACC		
31	450797619958	SPLIT HALF	ACC	31	451289261126	654848 BLADE	ACC		
32	4510257992119	SPLIT HALF	ACC	32	4514719519121	654848 BLADE	ACC		
33	451378202815	SPLIT HALF	ACC	33	45149228160215	654848 BLADE	ACC		
34	4508535412412	SPLIT HALF	ACC	34	4511295726227	654848 BLADE	ACC		
35	4515916411113	SPLIT HALF	ACC	35	45166829610204	654848 BLADE	ACC		
36	451378202819	SPLIT HALF	ACC	36	45166185260105	654848 BLADE	ACC		
37	450855425037	SPLIT HALF	ACC	37	45149580640315	654848 BLADE	ACC		
38	451424773314	SPLIT HALF	ACC	38	45149580640304	654848 BLADE	ACC		
39	4510070524221	SPLIT HALF	ACC	39	4511863239210	654848 BLADE	ACC		
40	4507976198531	SPLIT HALF	ACC	40	45166185260106	654848 BLADE	ACC		

**SUMMARY:**

FULL BODY INSP AS PER BSD-GL-HAL-CWT-201 Rev. 14

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. <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>5365</u> Bath Mixture: <u>0.25</u> Whitelight: <u>0.1</u>	Equipment Used From Unit # <u>32</u> Qual. Date(s) MT <u>11/30/2021</u> PT _____
<b>Liquid Penetrant Inspection</b> 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: GAELLEN ROBIN Signature: <small>Signature guarantees final approval of job and job site</small>
<b>Job Information</b> B <u>GR</u> V <u>GR</u> D _____ P <u>CD</u>	Customer Rep Signoff: _____ 



# BOTTOM HOLE ASSURANCE, INC.

NDE Inspection Services

No. IR 50724CWP-2

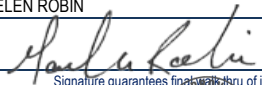
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CUSTOMER HALLIBURTON ICC		3rd PARTY <input type="checkbox"/>	FACILITY / LOCATION CLEAN WELL	AUTHORIZED BY TONY FREDERICK		INVOICE NO.	
RIG		OCS-G & WELL NO.		PROJECT		S/O	DATE 5/7/2024
SERIAL NO.	DESCRIPTION		OK / REJ.	SERIAL NO.	DESCRIPTION		OK / REJ.
1	4511106514220	654848 BLADE	ACC	1	45129396030114	655263 BLADE	ACC
2	4514719519116	654848 BLADE	ACC	2	45131170840109	655263 BLADE	ACC
3	4511106514213	654848 BLADE	ACC	3	45132202070809	655263 BLADE	ACC
4	45151344360129	654847 BLADE	ACC	4	451052036111	KNOCKOUT CONE	ACC
5	45125594523	654847 BLADE	ACC	5	451155168011	KNOCKOUT CONE	ACC
6	451322020742	654847 BLADE	ACC	6			
7	45149580640205	654847 BLADE	ACC	7			
8	45149228160101	654847 BLADE	ACC	8			
9	4512755945239	654847 BLADE	ACC	9			
10	451280281116	654847 BLADE	ACC	10			
11	45166829610131	654847 BLADE	ACC	11			
12	45147753490201	654847 BLADE	ACC	12			
13	451477534926	654847 BLADE	ACC	13			
14	4511295726114	654847 BLADE	ACC	14			
15	45140597060408	654847 BLADE	ACC	15			
16	45149580640202	654847 BLADE	ACC	16			
17	45149228160112	654847 BLADE	ACC	17			
18	4514719519227	654847 BLADE	ACC	18			
19	4514719519212	654847 BLADE	ACC	19			
20	45135386740108	655264 BLADE	ACC	20			
21	45135386740110	655264 BLADE	ACC	21			
22	45135386740107	655264 BLADE	ACC	22			
23	45147139430229	655264 BLADE	ACC	23			
24	45148468350222	655264 BLADE	ACC	24			
25	451264366002011	655264 BLADE	ACC	25			
26	45130779770107	655264 BLADE	ACC	26			
27	45147870820407	655264 BLADE	ACC	27			
28	45147195190109	654848 BLADE	ACC	28			
29	45147195190113	654848 BLADE	ACC	29			
30	45149580640309	654848 BLADE	ACC	30			
31	45149580640308	654848 BLADE	ACC	31			
32	4514719519120	654848 BLADE	ACC	32			
33	45151344360216	654848 BLADE	ACC	33			
34	451478708233	654848 BLADE	ACC	34			
35	45151344360205	654848 BLADE	ACC	35			
36	45148403420131	655263 BLADE	ACC	36			
37	45132202070806	655263 BLADE	ACC	37			
38	45148403420125	655263 BLADE	ACC	38			
39	45148468350131	655263 BLADE	ACC	39			
40	45131170840114	655263 BLADE	ACC	40			

**SUMMARY:**

FULL BODY INSP AS PER BSD-GL-HAL-CWT-201 Rev. 14

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. <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 <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: 1932 Bath Mixture: 0.25 Whitelight: 0.1			Equipment Used From Unit # 32			
			Qual. Date(s) MT 11/30/2021 PT			
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: GAELEN ROBIN			
Batch # _____		Batch # _____	Signature: 			
Dwell Time: _____ min		Dwell Time: _____ min	Signature guarantees integrity of job and job site			
Job Information			Customer Rep Signoff: _____			
B GR V GR D P CD			