BOTTOM HOLE ASSURANCE, INC.

Blacklight, Ultrasonic Wall Thickness, & Liquid Penetrant Inspection

Email: BHAInc@bottomholeassurance.com
109 Citron Drive • Youngsville, LA 70592
Office: (337) 857-8994 Fax: (337) 857-8964

No. DIR **51522ST-4**

CUSTOMER **HALLIBURTON ICC** ☐ 3RD PARTY
RIG
OCS-G & WELL
FACILITY / LOCATION **SERVICE TOOLS**
PROJECT **ENVEN**
AUTHORIZED BY **DERRICK ROBIN**
P.O. / JOB # **907807866**
INVOICE NO.
DATE: **5/15/2022**

								PIN										BOX									
Serial #	Tool Description	Overall Length	Fishing Neck Length	Tong Space	Pin I.D.	Pin O.D.	Box O.D.	Connection Size	Pin Length	Pin Cylinder Diameter	Pin Nose Diameter	Pin Relief Diameter	Pin Rel. Width Pin Neck Lgth	Bevel Diameter	B S R	OK or Reject	Remarks	Connection Size	Counter Bore Length	Counter Bore Diameter	Bore Back Dia. Float Bore Dia.	Bore Back Lgth Float Bore Lgth	Box Thread Length	Counterbore Wall Thickness	Bevel Diameter	B S R	OK or Reject	Remarks
EQ# 12395050	9 5/8" FD MSD																											
ABN147566-8	TOP ADAPTER SAP# 100073363	1.45	13 3/4	-	2 1/8	-	6 5/8	INT (B)								Acc		NC50	11/16	5 5/16					6 1/16	-	Acc	
AFJ143908-6	Releasing Sleeve Cap SAP# 100073379							INT								Acc												
AEZ141777-8	UPPER MANDREL SAP# 100073371							INT								Acc		INT									Acc	
AFJ143813-3	COUPLING RING SAP# 100073743							*								Acc												
KM1430992-04	RELEASING SLEEVE SAP# 100073373							INT (B)								Acc		INT									Acc	
21213	STINGER SAP# 101206647																	INT									Acc	
3269265-1	BUSHING SAP# 100073370							INT								Acc												
KM1430967-05	Setting Sleeve Body SAP# 100073372							INT INT								Acc		INT									Acc	
AEZ141580-5	SETTING SLEEVE SAP# 100073742																	INT									Acc	
AFQ1400861-19	LOWER MANDREL SAP# 101632268							INT INT								Acc												
AN1400H854-155-42-348-83-212-39	(6) KEY - ACC SAP# 101351594							*								Acc												

Remarks: FULL BODY INSP. AS PER WM-GL-HAL-HCT-900 REV. 0

Batch # Info.
20-B 20B065
Dry Powder
7-HF
White Contrast
14-A

Connection Inspection
Wet Flour. M.P.I. ☑ Dry M.P.I. ☐
Vis. Liq. Pen. ☐ Residual ☐
Flour Liq. Pen. ☐ Continuous ☑
Long. Insp. ☑ AC Current ☐
Trans. Insp. ☑ DC Current ☐

Body Inspection
Wet Flour. M.P.I. ☑ Residual ☐
Vis. Liq. Pen. ☐ Continuous ☑
Flour Liq. Pen. ☐ AC Current ☐
Long. Insp. ☑ DC Current ☑
Trans. Insp. ☑ Visible M.P.I. ☐

Body Dry M.P.I
Dry M.P.I. ☐ Residual ☐
Long. Insp. ☐ Continuous ☐
Trans. Insp. ☐ AC Current ☐
DC Current ☐

Blacklight Inspection
Blacklight Intensity: 8700 Bath Mixture: 0.30 Whitelight: 0.1

Equipment / Inspector Information
Equipment Used From Unit # 23
Qual. Date(s) MT 4/26/2019 PT 4/26/2019
Level II Inspector: BRANSON THERIOT
Signature:
Signature guarantees final walk thru of job and job site

Liquid Penetrant Inspection
Magnaflux Developer: SKD-S2
Batch #
Dwell Time: min
White Light:
Magnaflux Penetrant: ☐ SKL-WP2 (Check one) ☐ ZL-60D
Batch #
Dwell Time: min

System Effectiveness: LP-Comparitive Block ☐ Dry MP-Castrol Strip ☐ Wet MP-Castrol Strip ☑ Profile Gage RSC OK ☑

Job Information
B BT V BT D P BT

3rd Party Rep
Signature: HB71807

REVIEWED
By David Patin at 8:07 am, May 18, 2022

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No. DIR **51522ST-5**

CUSTOMER **HALLIBURTON ICC** ☐ 3RD PARTY
RIG
OCS-G & WELL
FACILITY / LOCATION **SERVICE TOOLS**
PROJECT **ENVEN**
AUTHORIZED BY **DERRICK ROBIN**
P.O. / JOB # **907807866**
INVOICE NO.
DATE: **5/15/2022**

								PIN										BOX													
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EQ# 12763416	9 5/8" DRAG BLOCK ASSY																											
105393837	RETAINER NUT SAP# 102548674																	INT									Acc	
105403458-2	END CAP-ACC SAP# 102558209							*								Acc												
105395215-2	DRAG BLOCK SLEEVE SAP# 102558208							INT								Acc												
40223570-555,545,532 ASU1777401-154,168	DRAG BLOCKS-ACC SAP# 102530303							*								Acc												
ASU1674601-175,237 CK1647515-78	DRAG BLOCKS-ACC SAP# 102530303							*								Acc												

Remarks: FULL BODY INSP. AS PER WM-GL-HAL-HCT-900 REV. 0

Batch # Info.

20-B	20B065
Dry Powder	
7-HF	
White Contrast	
14-A	

Connection Inspection

Wet Flour. M.P.I.	☑	Dry M.P.I.	☐
Vis. Liq. Pen.	☐	Residual	☐
Flour Liq. Pen.	☐	Continuous	☑
Long. Insp.	☑	AC Current	☐
Trans. Insp.	☑	DC Current	☐

Body Inspection

Wet Flour. M.P.I.	☑	Residual	☐
Vis. Liq. Pen.	☐	Continuous	☑
Flour Liq. Pen.	☐	AC Current	☐
Long. Insp.	☑	DC Current	☑
Trans. Insp.	☑	Visible M.P.I.	☐

Body Dry M.P.I

Dry M.P.I.	☐	Residual	☐
Long. Insp.	☐	Continuous	☐
Trans. Insp.	☐	AC Current	☐
		DC Current	☐

System Effectiveness: LP-Comparitive Block ☐ Dry MP-Castrol Strip ☐ Wet MP-Castrol Strip ☑ Profile Gage RSC OK ☑

Job Information

B BT V BT D P BT

3rd Party Rep
Signature: HB71807

Blacklight Inspection

Blacklight Intensity: 8700 Bath Mixture: 0.30 Whitelight: 0.1

Equipment / Inspector Information

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Qual. Date(s) MT 4/26/2019 PT 4/26/2019
Level II Inspector: BRANSON THERIOT
Signature:
Signature guarantees final walk thru of job and job site

Liquid Penetrant Inspection

Magnaflux Developer: SKD-S2
Batch #
Dwell Time: min
White Light:
Magnaflux Penetrant: ☐ SKL-WP2
(Check one) ☐ ZL-60D
Batch #
Dwell Time: min

REVIEWED
By David Patin at 8:07 am, May 18, 2022