BOTTOM HOLE ASSURANCE, INC.

No. DIR 20923ST-7

NDE Inspection Services

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 | FACILITY / LOCATION SERVICE TOOLS | AUTHORIZED BY DERRICK ROBIN | INVOICE NO.

RIG | PROJECT IN HOUSE | P.O. / JOB # 1017510021 | DATE: 2/9/2023

OCS-G & WELL

								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# 12392523	9 5/8" - 11 3/4" MODEL II BY-PASS																											
AHY147628-7	TOP COULPING SAP# 100064924	0.93	10 1/16	-	3 1/16	-	6 1/4	INT(B)								Acc		NC 50	5/8	5 5/16					6 5/64		Rej	PITTED THREADS
3246542	LUG MANDREL SAP# 100070301							INT INT								Acc Acc		INT									Acc	
3258050-2	SPLINE SLEEVE SAP# 100070302							INT								Acc												
AEZ141570-8	LUG MANDREL EXT SAP# 100070297																	INT INT									Acc Acc	
3257958-5	PISTON-ACC SAP# 100070324							*								Acc												
AKV149561-2	SEAL MANDREL SAP# 100070296							INT INT								Acc Acc												
3249290-3	BY PASS BODY SAP# 100070303																	INT INT									Acc Acc	
SM15122852-10	PROTECTOR RING (LP) SAP# 100070325																	INT									Acc	
3268876-5	LOWER BODY SAP# 102037147	1.01	-	11 3/4	3 3/4	6 3/4	6 3/4	NC 50	4 7/16				5/16	6 1/16	-	Acc		INT (P)									Acc	
3239091-1	UPPER MANDREL SAP# 102037291							INT								Acc		INT									Acc	
3046304-2	LOWER MANDREL SAP# 101204294							INT INT								Acc Acc												
AEZ141600-1	Lower Mandrel Ext SAP# 100070309																	INT									Acc	
AFJ1143960-11	EXT. MANDREL SAP# 100070290							INT								Acc												

Remarks: FULL BODY INSP AS PER MAN-GL-HAL-HCT-900 REV. 5.1 | Customer Rep Signoff:

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 BT | P BT

3rd Party Rep

Signature:

Blacklight Inspection

Blacklight Intensity: 3871 | Bath Mixture: 0.25 | 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 # 19B17K

Dwell Time: 10 min

White Light: 100

Magnaflux Penetrant: ☑ SKL-WP2 (Check one) ☐ ZL-60D

Batch # 18L06K

Dwell Time: 20 min

By david.patin@bottomholeassurance.com at 9:33:33 AM, 2/20/2023

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RIG | PROJECT IN HOUSE | P.O. / JOB # 1017510021 | DATE: 2/9/2023

OCS-G & WELL

								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# 12392523	9 5/8" - 11 3/4" MODEL II BY-PASS																											
AHY147628-7	TOP COULPING SAP# 100064924	0.90	10	-	3 1/16	-	6 1/4											NC 50	5/8	5 5/16					6 5/64		Acc	RE-INSP

Remarks: CONNECTION INSP AS PER MAN-GL-HAL-HCT-900 REV. 5.1 (MACHINE SHOP CONNECTION INSPECTION ONLY) | Customer Rep Signoff:

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:

Blacklight Inspection

Blacklight Intensity: 2408 | Bath Mixture: 0.25 | 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

By david.patin@bottomholeassurance.com at 9:33:34 AM, 2/20/2023