BOTTOM HOLE ASSURANCE, INC.

Blacklight, Ultrasonic Wall Thickness, & Liquid Penetrant Inspection

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No. DIR 43285-4

CUSTOMER HOLE OPENER CORP ☐ 3RD PARTY
RIG
OCS-G & WELL
FACILITY / LOCATION SHOP
PROJECT ARENA / RC 51119
AUTHORIZED BY DONOVAN
P.O. / JOB # 7760
INVOICE NO. 41285
DATE: 6/22/2021

								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	Counter Bore Dia. Float Bore Dia.	Bore Back Dia. Float Bore Lgth	Bore Back Lgth Float Bore Lgth	Box Thread Length	Counterbore Wall Thickness	Bevel Diameter	B S R	OK or Reject	Remarks
DTU-19-16B-8	16" UNDER REAMER BODY	6.34			N/A	16"	10"	INT INT (B)								Rej	DAMAGED BODY	7 5/8 REG	11/16	7 1/16						8 51/64	N/A	OK	
TS-19-22-2	TOP SUB	4.61	14 7/8	36 1/2	3"	9 1/2	16"	7 5/8 REG	5 1/4				1/4	8 53/64	2.815	OK		INT										OK	
JSS-18-22-1	JET SUB	2.52	17 1/4	-	3 1/4	10"	10"	7 5/8 REG	5 1/4				1/4	8 55/64	N/A	OK		7 5/8 REG	11/16	7 1/16						8 51/64	N/A	OK	
05-16B-020-006,086,087	CUTTER ARM (3)							INT								OK (3)													
05-220-035-008	YOKE																	INT										OK	
05-220-037-005	PISTON							INT								OK													
N/A	STOP PIPE							INT								OK													
N/A	FLOW TUBE															OK													
05-16B-014-069,079,082	HINGE PIN RETAINER (3)															OK (3)													
05-220-009-081,156	BUSHING															OK (2)													
05-160-012-412,414,416	HINGE PIN (3)															OK (3)													
05-16B-044-411,433,435	HINGE BLOCK PIN (6)															OK (6)	05-16B-044-462,469,477												
05-16B-043-475,476,477	HINGE BLOCK (6)															OK (6)	05-16B-043-481,482,492												
BN-57	BULL NOSE	2.21		FL	3"	9 9/16		7 5/8 REG	5 1/4				5/16	8 43/64	2.861	OK													

Remarks: FULL BODY INSP AS PER DS-1 VOL 4 DAMAGED BODY TO BE REINSPECTED

Customer Rep Signoff:

Batch # Info.

20-B	208065
Dry Powder	130531
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 ☑

3rd Party Rep

Job Information

B LB V LE D P LE

Signature:

Blacklight Inspection

Blacklight Intensity 4200 Bath Mixture 0.25 Whitelight 0.1

Equipment / Inspector Information

Equipment Used From Unit # 17
Qual. Date(s) MT 2/1/2021 PT
Level II Inspector: LEVAR EAGLIN
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

E-DIR01-05