BOTTOM HOLE ASSURANCE, INC.

Blacklight, Ultrasonic Wall Thickness,
& Liquid Penetrant Inspection

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No. DIR **45063-1**

CUSTOMER **HOLE OPENER CORP** ☐ 3RD PARTY
RIG
OCS-G & WELL
FACILITY / LOCATION **SHOP**
PROJECT **TEXAS BRINE - RC 51193**
AUTHORIZED BY **DONOVAN**
P.O. / JOB # **PO-8152**
INVOICE NO. **45063**
DATE: **6/3/2022**

								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
DTU-20-22-2	22" UNDER REAMER BODY	6.60			N/A	16	10	INT (B) INT								OK OK		7 5/8 REG	5/8	7 1/16					8 29/64		OK	
TS-08-16-4	TOP SUB	4.46	34 5/8	14 5/8	3 1/16	9 1/2	16	7 5/8 REG	5 3/16				5/16	8 53/63		RE J	DAMAGED SHOULDER	INT									OK	
JSS-13-22-2	JET SUB	2.61			4	10	9 7/8	7 5/8 REG	5 1/4				7/16	8 53/64		OK		7 5/8 REG	5/8	7 1/16	5 55/64	8 13/16			8 53/64		RE J	DAMAGED THREADS
05-220-010-481,497,507	(6) HINGE BLOCK															OK (6)	05-220-047-150,169,170											
466, 460, 543	(3) HINGE PIN															OK (3)												
05-220-020-089,071,047	(3) CUTTER ARM							INT								OK (3)												
05-220-042-1-301,300,322	(6) HINGE BLOCK PIN															OK (6)	05-220-042-1-311,323,327											
05-220-041-130,146,134	(6) HINGE BLOCK PIN SLEEVE															OK (6)	05-220-041-141,153,151											
05-220-009-105,081	(2) BUSHING															OK (2)												
05-220-006-049	PISTON							INT								OK												
05-220-006-034	FLOW TUBE															OK												
05-220-008-027	STOP PIPE							INT								OK												
05-220-005-048	YOKE																	INT									OK	

Remarks: FULL BODY INSP AS PER DS-1 VOL 4

Customer Rep Signoff:

Batch # Info.

20-B	21J003
Dry Powder	21813
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 TB V TB D P TB

Signature:

Blacklight Inspection

Blacklight Intensity: 5624 Bath Mixture: 0.25 Whitelight: .

Equipment / Inspector Information

Equipment Used From Unit # 25
Qual. Date(s) MT 5/6/2019 PT
Level II Inspector: Tanner Blanchard
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