BOTTOM HOLE ASSURANCE, INC.

Blacklight, Ultrasonic Wall Thickness,
& Liquid Penetrant Inspection

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No. DIR 43659-1

CUSTOMER HOLE OPENER CORP ☐ 3RD PARTY
RIG
OCS-G & WELL

FACILITY / LOCATION SHOP
PROJECT WALTER OIL AND GAS / RC 51122

AUTHORIZED BY DONOVAN
P.O. / JOB # 7818

INVOICE NO. 43659
DATE: 8/2/2021

								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	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-10-22-1	22" UNDERREAMER BODY	6.01	N/A	N/A	N/A	16"	10"	INT INT								OK OK		7 5/8 REG	5/8	7 1/16					8 3/8		OK	
TS-18-22-3	TOP SUB	4.54	14 7/8	36 1/4	3"	9 1/2	16"	7 5/8 REG	5 1/4				1/4	8 55/64		OK		INT									OK	
JSS-19-22-13	JET SUB	3.30	26 3/8	-	3 1/4	10"	10"	7 5/8 REG	5 3/16				3/16	8 51/64		OK		7 5/8 REG	5/8	7 1/16					8 51/64		OK	N2
XO-14-95-4	FLOAT SUB	3.33	FL	FL	N/A		9 1/2											7 5/8 REG	5/8	7 1/16	4 13/16	17 1/4			8 53/64		Rej	N1
							9 1/2											7 5/8 REG	5/8	7 3/32					8 51/64		Rej	DAMAGED THREAD
05-220-005-042	YOKE																	INT									OK	
05-220-008-039	STOP PIPE							INT								OK												
05-220-007-010	PISTON							INT								OK												
05-220-006-052	FLOW TUBE															OK												
05-220-009-162,081	2 BUSHING															OK												
05-160-012-404,454,438	3 HINGE PINS															OK												
05-220-042-262,236,259	6 HINGE BLOCK PINS															OK	05-220-042-251,223,221											
05-220-041-114,104,112	6 HINGE BLOCK PINS SLEEVE															OK	05-220-041-122,157,155											
05-220-010-377,391,307	5 HINGE BLOCK															OK	05-220-010-373,384,											

Remarks: FULL BODY INSP AS PER DS-1 VOL 4 N1 - DAMAGED THREAD & FLOAT BORE N2 BODY REJECTED FOR STRAP WELD

Customer Rep Signoff:

Batch # Info.

20-B	20B065
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 LB D P LB

Signature:

Blacklight Inspection

Blacklight Intensity 5135 Bath Mixture 0.25 Whitelight 0.1

Equipment / Inspector Information

Equipment Used From Unit # 29
Qual Date(s) MT 2/1/2021 PT
Level II Inspector: LUCAS BROUSSARD
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 (Check one) ☐ SKL-WP2 ☐ ZL-60D
Batch #
Dwell Time: min