BOTTOM HOLE ASSURANCE, INC.

No. DIR 44688-2

Blacklight, Ultrasonic Wall Thickness,
& Liquid Penetrant Inspection

Email: BHAInc@bottomholeassurance.com
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CUSTOMER **HOLE OPENER CORP** ☐ 3RD PARTY
RIG
OCS-G & WELL

FACILITY / LOCATION **SHOP**
PROJECT **Texas Petroleum Inv. Co.**

AUTHORIZED BY **DONOVAN**
P.O. / JOB # **RA-30996/RC-51192**

INVOICE NO. **44688**
DATE: **6/7/2022**

								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
HOC 650 10	BLADED HOLE OPENER	8.79	36"		1 1/2	4 3/4		3 1/2 REG	3 1/2				3/8	4 1/8		Rej	N1											

Remarks: FULL BODY INSP AS PER DS-1 VOL 4 N1 - BODY REJECTED FOR CRACKS IN BASE MATERIAL (TOP OF BLADES)

Customer Rep Signoff

Batch # Info.

20-B	21J002
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 ☑

3rd Party Rep

Job Information

B TB V TB D P TB

Signature:

Blacklight Inspection

Blacklight Intensity: 5300 Bath Mixture: 0.25 Wetlight: 0.1

Equipment / Inspector Information

Equipment Used From Unit # 31
Qual. Date(s) MT 5/5/2019 PT

Level II Inspector: TANNER BLANCHARD
Signature: TB
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