BOTTOM HOLE ASSURANCE, INC.

NDE Inspection Services

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Bottomholeassurance.com

No. DIR **48162-1**

CUSTOMER **Hole Opener Corp.** ☐ 3RD PARTY
RIG
OCS-G & WELL
FACILITY / LOCATION **Shop**
PROJECT **Lawco Osage RC-51324**
AUTHORIZED BY **Paden**
P.O. / JOB # **8760**
INVOICE NO. **48162**
DATE: **11/20/2023**

								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-B-14-122-2	Bladed Hole Opener	7.01	25 3/8	25 13/16	2 7/8	8"	6"	6 5/8 Reg	4 15/16			5.405	3/4	7 1/2		Rej	D.T,D.S	4 1/2 Reg	5/8	4 11/16					5 43/64		OK	
BN 12-6-3	Bull Nose	1.61		FL	2 3/8	6"		4 1/2 Reg	4 3/16				1/4	5 43/64		OK												

Remarks: Mag.Insp.Connection & Bodies As Per DS-1 Volume 4

Customer Rep Signoff:

Batch # Info.

20-B	23A106
Dry Powder	22161
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 LE D P LE

Signature:

Blacklight Inspection

Blacklight Intensity: 5000 Bath Mixture: 0.25 Whitelight: 0.0

Equipment / Inspector Information

Equipment Used From Unit # 30
Qual. Date(s) MT 2/1/2021 PT
Level II Inspector: Levar Eaglin
Signature: Levar Eaglin

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-DIR01-06