



BOTTOM HOLE ASSURANCE, INC.

Blacklight, Ultrasonic Wall Thickness,
& Liquid Penetrant Inspection

No. IR 42931-1

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CUSTOMER Hole Opener Corp		3rd PARTY	FACILITY / LOCATION Shop	AUTHORIZED BY Donovan		INVOICE NO. 42931		
RIG		OCS-G & WELL NO.		PROJECT	P.O. NO. / JOB NO.	DATE 8/2/2021		
SERIAL NO.	DESCRIPTION			PIN	BOX	I.D.	O.D.	LENGTH
1	05-16B-043-518	HINGE BLOCK - OK						
2	05-16B-043-511	HINGE BLOCK - OK						
3	05-16B-043-504	HINGE BLOCK - OK						
4	05-16B-043-520	HINGE BLOCK - OK						
5	05-16B-043-508	HINGE BLOCK - OK						
6	05-16B-043-510	HINGE BLOCK - OK						
7	05-16B-043-523	HINGE BLOCK - OK						
8	05-16B-043-503	HINGE BLOCK - OK						
9	05-16B-043-522	HINGE BLOCK - OK						
10	05-16B-043-502	HINGE BLOCK - OK						
11	05-16B-043-513	HINGE BLOCK - OK						
12	05-16B-043-514	HINGE BLOCK - OK						
13	05-16B-043-506	HINGE BLOCK - OK						
14	05-16B-043-505	HINGE BLOCK - OK						
15	05-16B-043-517	HINGE BLOCK - OK						
16	05-16B-043-524	HINGE BLOCK - OK						
17	05-16B-043-512	HINGE BLOCK - OK						
18	05-16B-043-516	HINGE BLOCK - OK						
19	05-16B-043-507	HINGE BLOCK - OK						
20	05-16B-043-521	HINGE BLOCK - OK						
21	05-16B-043-501	HINGE BLOCK - OK						
22	05-16B-043-509	HINGE BLOCK - OK						
23	05-16B-043-515	HINGE BLOCK - OK						
24	05-16B-043-519	HINGE BLOCK - OK						
25								
26	05-220-008-046	STOP PIPE - OK			INT - OK			
27	05-220-008-045	STOP PIPE - OK			INT - OK			
28								
29	05-16B-014-093	CAM LOCK - OK						
30	05-16B-014-092	CAM LOCK - OK						
31	05-16B-014-099	CAM LOCK - OK						
32	05-16B-014-095	CAM LOCK - OK						
33	05-16B-014-094	CAM LOCK - OK						
34	05-16B-014-096	CAM LOCK - OK						
35	05-16B-014-101	CAM LOCK - OK						
36	05-16B-014-100	CAM LOCK - OK						
37	05-16B-014-098	CAM LOCK - OK						
38	05-16B-014-097	CAM LOCK - OK						
39	05-16B-014-103	CAM LOCK - OK						
40	05-16B-014-102	CAM LOCK - OK						

SUMMARY: Inspection as per DS-1 Volume 4

Batch # Info.	Connection Inspection		Body Inspection		Body Dry M.P.I	
20-B 20B065	Wet Flour. M.P.I. <input type="checkbox"/>	Dry M.P.I. <input type="checkbox"/>	Wet Flour. M.P.I. <input checked="" type="checkbox"/>	Residual <input type="checkbox"/>	Dry M.P.I. <input type="checkbox"/>	Residual <input type="checkbox"/>
Dry Powder	Vis. Liq. Pen. <input type="checkbox"/>	Residual <input type="checkbox"/>	Vis. Liq. Pen. <input type="checkbox"/>	Continuous <input checked="" type="checkbox"/>	Long. Insp. <input type="checkbox"/>	Continuous <input type="checkbox"/>
7-HF	Flour Liq. Pen. <input type="checkbox"/>	Continuous <input type="checkbox"/>	Flour Liq. Pen. <input type="checkbox"/>	AC Current <input type="checkbox"/>	Trans. Insp. <input type="checkbox"/>	AC Current <input type="checkbox"/>
White Contrast	Long. Insp. <input type="checkbox"/>	AC Current <input type="checkbox"/>	Long. Insp. <input type="checkbox"/>	DC Current <input checked="" type="checkbox"/>		DC Current <input type="checkbox"/>
14-A	Trans. Insp. <input type="checkbox"/>	DC Current <input type="checkbox"/>	Trans. Insp. <input checked="" type="checkbox"/>	Visible M.P.I. <input type="checkbox"/>		

System Effectiveness: LP-Comparative Block Dry MP-Castrol Strip Wet MP-Castrol Strip

Blacklight Inspection	Equipment / Inspector Information
Blacklight Intensity: <u>4350</u> Bath Mixture: <u>0.25</u> Whitelight: <u>0.1</u>	Equipment Used From Unit # <u>25</u> Qual. Date(s) MT <u>5/6/2019</u> PT _____
Liquid Penetrant Inspection Whitelight: _____	3rd Party Rep: _____
Magnaflux Developer: SKD-S2 Magnaflux Penetrant: <input type="checkbox"/> SKL-WP2 (Check one) <input type="checkbox"/> ZL-60D	Signature: _____
Batch # _____ Dwell Time: _____ min	Level II Inspector: <u>TANNER BLANCHARD</u>
Job Information	Signature: <u>Tanner Blanchard</u> <small>Signature guarantees final walk thru of job and job site</small>
B <u> </u> TB <u> </u> V <u> </u> TB <u> </u> D <u> </u> P <u> </u> TB <u> </u>	Customer Rep Signoff: _____