



Blacklight, Ultrasonic Wall Thickness,
& Liquid Penetrant Inspection
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BOTTOM HOLE ASSURANCE, INC.

CUSTOMER: Hole Opener International 3RD PARTY
RIG _____
OCS: G & WELL _____

FACILITY/LOCATION: Shop
PROJECT: Titan Tools Stock RA-10148

AUTHORIZED BY: Donovan
P.O. / JOB #: 103121

INVOICE NO.: 43487
DATE: 7/28/2021

Serial #	Tool Description	Overall Length	Fishing Neck Length	Tong Space	Pin I.D.	Pin O.D.	Box O.D.	PIN										Remarks	BOX																				
								Connection Size	Pin Length	Pin Cylinder Diameter	Pin Nose Diameter	Pin Relief Diameter	Pin Neck Lgth	Pin Rel. Width	Bevel Diameter	B S R	OK or Reject		Connection Size	Length	Counter Bore Diameter	Float Bore Dia.	Bore Back Dia.	Float Bore Lgth	Bore Back Lgth	Box Thread Length	Wall Thickness	Counterbore	Bevel Diameter	B S R	OK or Reject	Remarks							
DTU-21-818-1	8" Underreamer Body	3.76			N/A	8 1/8	6"	INT	INT (B)										4 1/2 reg	5/8	4 11/16												5 11/16	N/A	OK				
DTU-21-818-2	8" Underreamer Body	3.76			N/A	8 1/8	6"	INT	INT (B)										4 1/2 reg	5/8	4 11/16																		
TS-21-8-1	Top Sub	3.06	25"	10 1/4	1 3/4	6 1/16	8"	4 1/2 reg	4 3/16					4.001	3/4	5 11/16	2.717	OK	INT																				
TS-21-8-2	Top Sub	3.06	25"	10 1/4	1 3/4	6 1/16	8"	4 1/2 reg	4 3/16					4.001	3/4	5 11/16	2.717	OK	INT																				
05-800-021-004	Cutter Arm							INT																															
05-725-901-004	Cutter																																						
N/A	(24) Jet Bushing																																						
Remarks: <u>Batch # Info: 20B 20B065</u>		Connection Inspection <input checked="" type="checkbox"/> Dry-MPI		Body Inspection <input checked="" type="checkbox"/> Restul		Body Dry M.P.I. <input checked="" type="checkbox"/> Restul				Backlight Intensity <u>7700</u>		Backlight Inspector <u>0.25</u>		Whitelight <u>0.0</u>		Liquid Penetrant Inspection																							
		<input type="checkbox"/> Wet Flour M.P.I.		<input type="checkbox"/> Wet Flour M.P.I.		<input type="checkbox"/> Wet Flour M.P.I.		<input type="checkbox"/> Restul		<input checked="" type="checkbox"/> Dry MPI		<input checked="" type="checkbox"/> Restul		<input checked="" type="checkbox"/> AC/Current		<input checked="" type="checkbox"/> AC/Current				<input checked="" type="checkbox"/> Equipment Used From Unit # <u>29</u>		<input type="checkbox"/> Equipment Used From Unit # <u>29</u>		<input checked="" type="checkbox"/> Magnetic Developer <u>SKD-S2</u>		<input type="checkbox"/> Dwell Time <u>min</u>		<input type="checkbox"/> Dwell Time <u>min</u>		<input checked="" type="checkbox"/> White Light		<input type="checkbox"/> Maganatrix Penetrant (Check one) <input checked="" type="checkbox"/> SKL-MP2 <input type="checkbox"/> ZL-800		<input type="checkbox"/> Bath # _____		<input type="checkbox"/> Bath # _____			
		7-4F Floor Lip Pen.		Continuous		Floor Lip Pen.		AC/Current		Long Insp.		AC/Current		Trans Insp.		DC/Current		<input checked="" type="checkbox"/> Qual Data(s) <u>MT 2/1/2021</u>		<input checked="" type="checkbox"/> Qual Data(s) <u>MT 2/1/2021</u>		<input type="checkbox"/> Qual Data(s) <u>MT 2/1/2021</u>		<input checked="" type="checkbox"/> P1 _____		<input type="checkbox"/> P1 _____		<input type="checkbox"/> P1 _____		<input type="checkbox"/> P1 _____		<input type="checkbox"/> P1 _____		<input type="checkbox"/> P1 _____					
		14-A Trans. Insp.		DC/Current		Trans Insp.		DC/Current		Trans Insp.		DC/Current		Trans Insp.		DC/Current		<input checked="" type="checkbox"/> Profile Gage RSC OK		<input checked="" type="checkbox"/> Profile Gage RSC OK		<input type="checkbox"/> Profile Gage RSC OK		<input type="checkbox"/> Profile Gage RSC OK		<input type="checkbox"/> Profile Gage RSC OK		<input type="checkbox"/> Profile Gage RSC OK		<input type="checkbox"/> Profile Gage RSC OK		<input type="checkbox"/> Profile Gage RSC OK		<input type="checkbox"/> Profile Gage RSC OK		<input type="checkbox"/> Profile Gage RSC OK			
		System Effectiveness		LP-Comparative Block		Wet MP-Castrol Ship		Wet MP-Castrol Ship		3rd Party Resp		Signature: _____		Signature: _____		Signature: _____		Signature: _____		Signature: _____		Signature: _____		Signature: _____		Signature: _____		Signature: _____		Signature: _____		Signature: _____		Signature: _____		Signature: _____			
B _____ LB _____ V _____		LB _____ V _____		D _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____		LB _____ P _____	