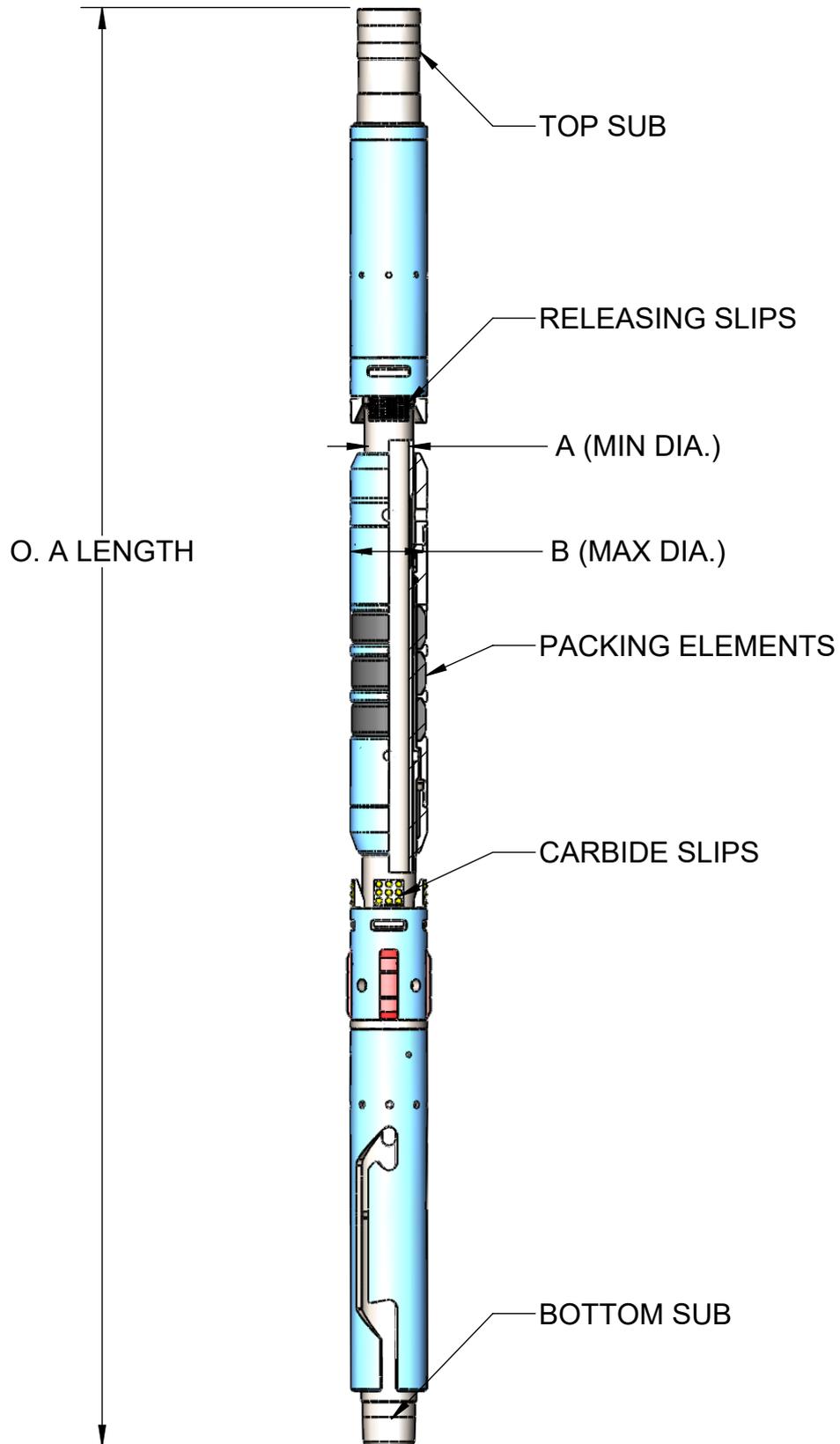


DESCRIPTION: SIZE 5-1/2, 14-20# x 2-7/8, 6.5# MECHANICAL SET RETRIEVABLE PACKER WITH EU BOX (UP) x PIN (DOWN) THREAD

DATE: 10/02/2021

REV. NO.: 00



NOTE: ALL DIMENSIONS ARE IN INCHES.

PREPARED BY.- VISHAL

REVIEWED BY.- SANDEEP

APPROVED BY.- BIBHU

PAGE.- 1 OF 2

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PRODUCT TECHNICAL SPECIFICATION

PRODUCT NO.	MSPOMIX5.5-51
PRODUCT NAME	MECHANICAL SET RETRIEVABLE PACKER
PRODUCT TYPE	RETRIEVABLE TYPE
PRODUCT CHARACTERISTIC	PRODUCTION / ISOLATION PACKER
SERVICE CLASS	STANDARD / SOUR SERVICE
METALLIC MATERIAL	AISI 4140 18-22HRC OR EQUIVALENT 80 KSI (L-80 TYPE 1)
NON-METALLIC MATERIAL	HNBR 90-80-90 DURO
DRIFT DIAMETER	4.653"
GAUGE OD/MAX OD (B)	4.502"
O.A LENGTH	85.30 "
RATED MAX TEMPERATURE	275°F
TEMPERATURE CYCLE RANGE	100°F - 275 °F
RATED PERFORMANCE ENVELOPE (POE)	YES
PACKER DIFFERENTIAL PRESSURE RATING	10000 PSI
PACKER BODY BURST PRESSURE RATING	N/A
TOP CONNECTION	2-7/8" - 8 RD - 3/4 TPF EU BOX (REF. DWG)
BOTTOM CONNECTION	2-7/8" - 8 RD - 3/4 TPF EU PIN (REF. DWG)
CASING SIZE	5-1/2"
CASING PPF RANGE	20-23 PPF
CASING ID RANGE (SETTING ID)	4.778" - 4.670"
TUBING SIZE	2-7/8"
TUBING PPF	6.5 PPF
TUBING ID / MIN ID (A)	2.375"
CONVENYENCE METHOD	BY TUBING CONDUIT
MAX. CONVENYANCE OD THROUGH TOOL	2.250" MAX OD INCLUDING FOR RT/REPOSITIONING TOOLS
MAX. CONVENYANCE OD THROUGH CASING	N/A
SETTING METHOD	1/4 TRUN RIGHT HAND ROTATION SET-DOWN WEIGHT MECHANICAL SET
RETRIEVING METHOD	1/4 TRUN RIGHT HAND ROTATION STRAIGHT PULL
REPOSITIONING METHOD	NOT APPLICABLE (NO REPOSITIONING RECOMMENDED)
QUALITY GRADE	N/A
VALIDATION GRADE	N/A
OPERATIONAL MANUAL REFERENCE NO.	SAZ/DES/OM-013
APPLICABLE REF. STANDARD	API 11D1 3RD ED
COMPLETE SETTING FORCE (LBS)	7000 +/-10%
RELEASING FORCE(LBS)	N/A
RUNNING IN HOLD ESPEED	3 FPS
MAX. ALLOWABLE CIRCULATION RATE THROUGH THE PACKER	N/A

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PAGE.- 2 OF 2

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