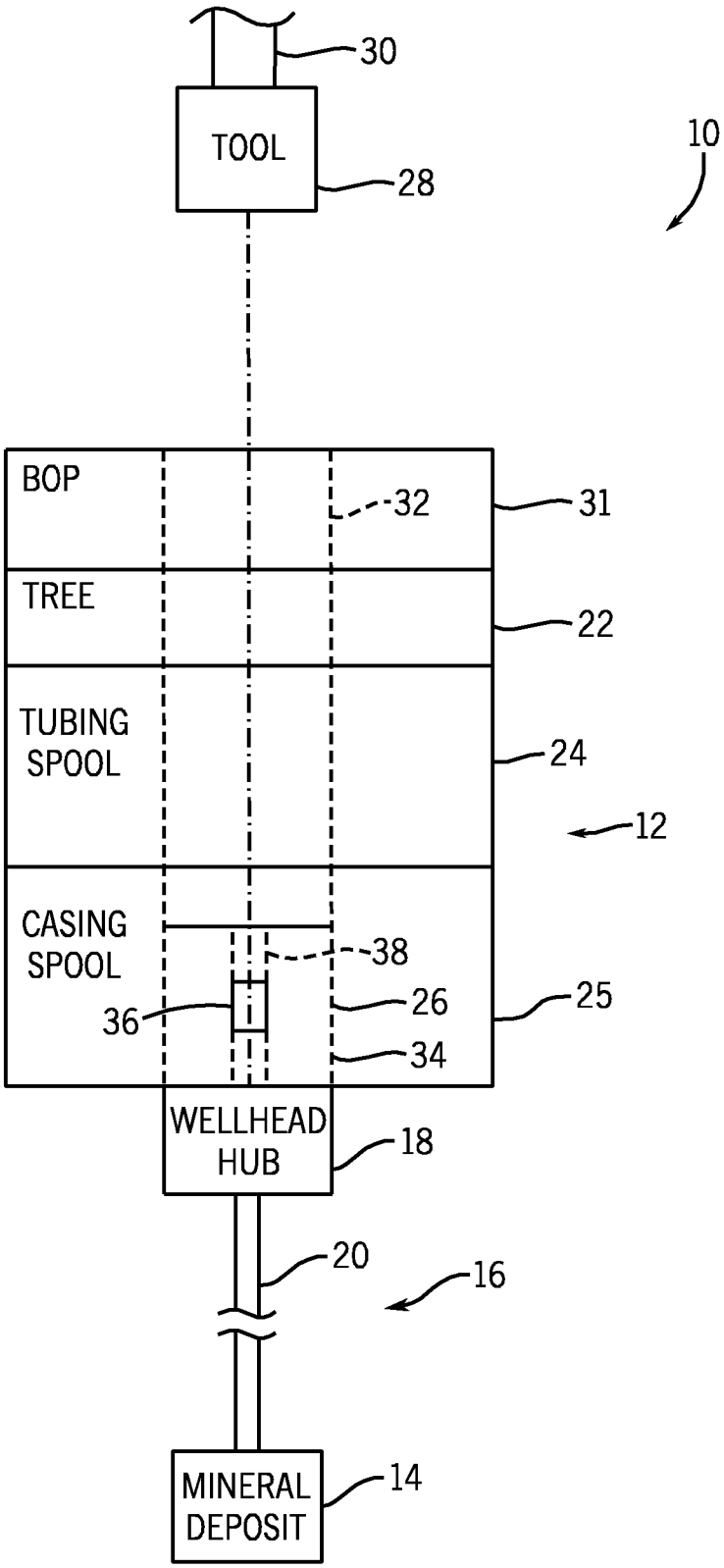

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TOOL
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BOP
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TREE
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TUBING
SPOOL
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CASING
SPOOL
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WELLHEAD
HUB
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MINERAL
DEPOSIT
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FIG. 1

FIG. 2

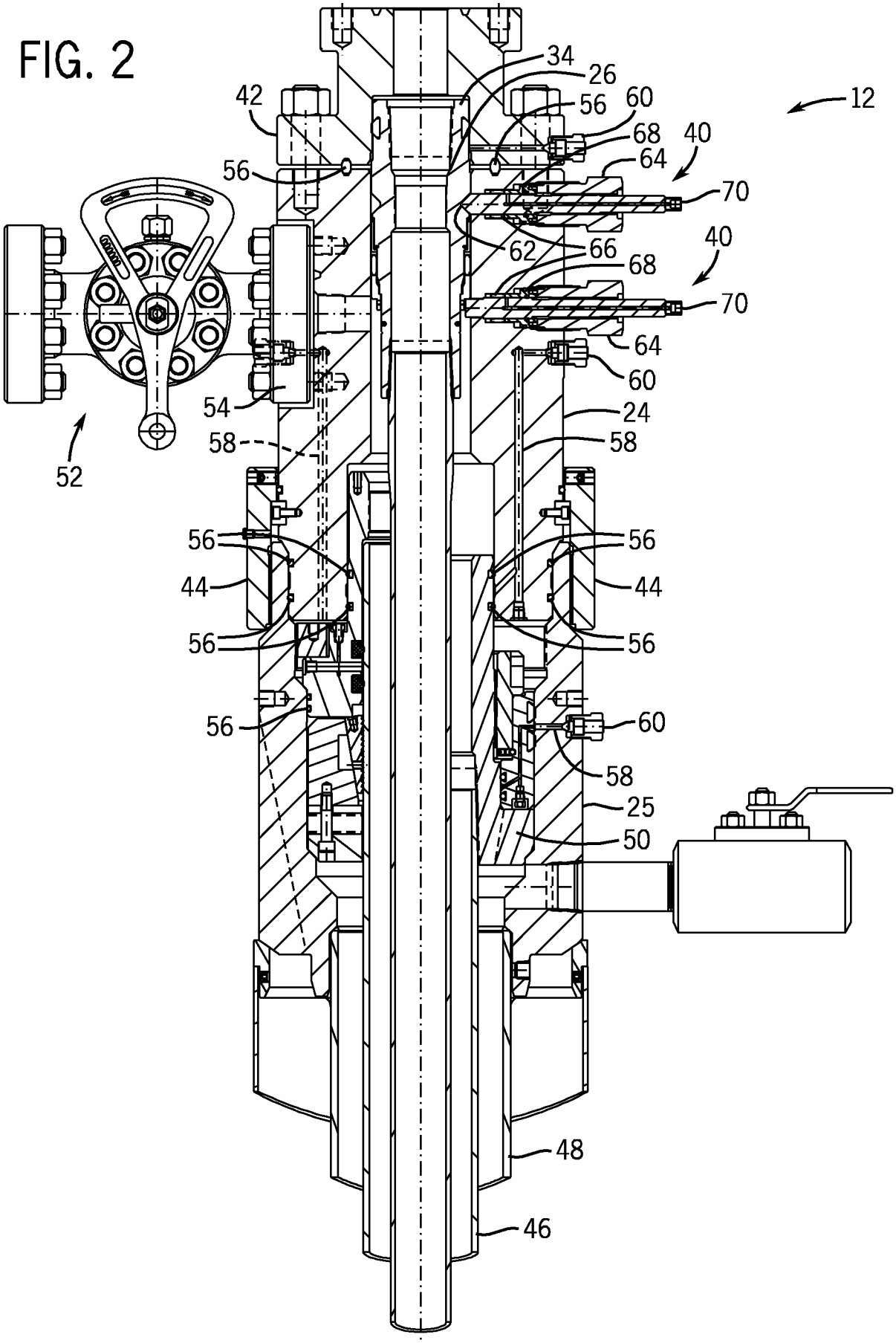
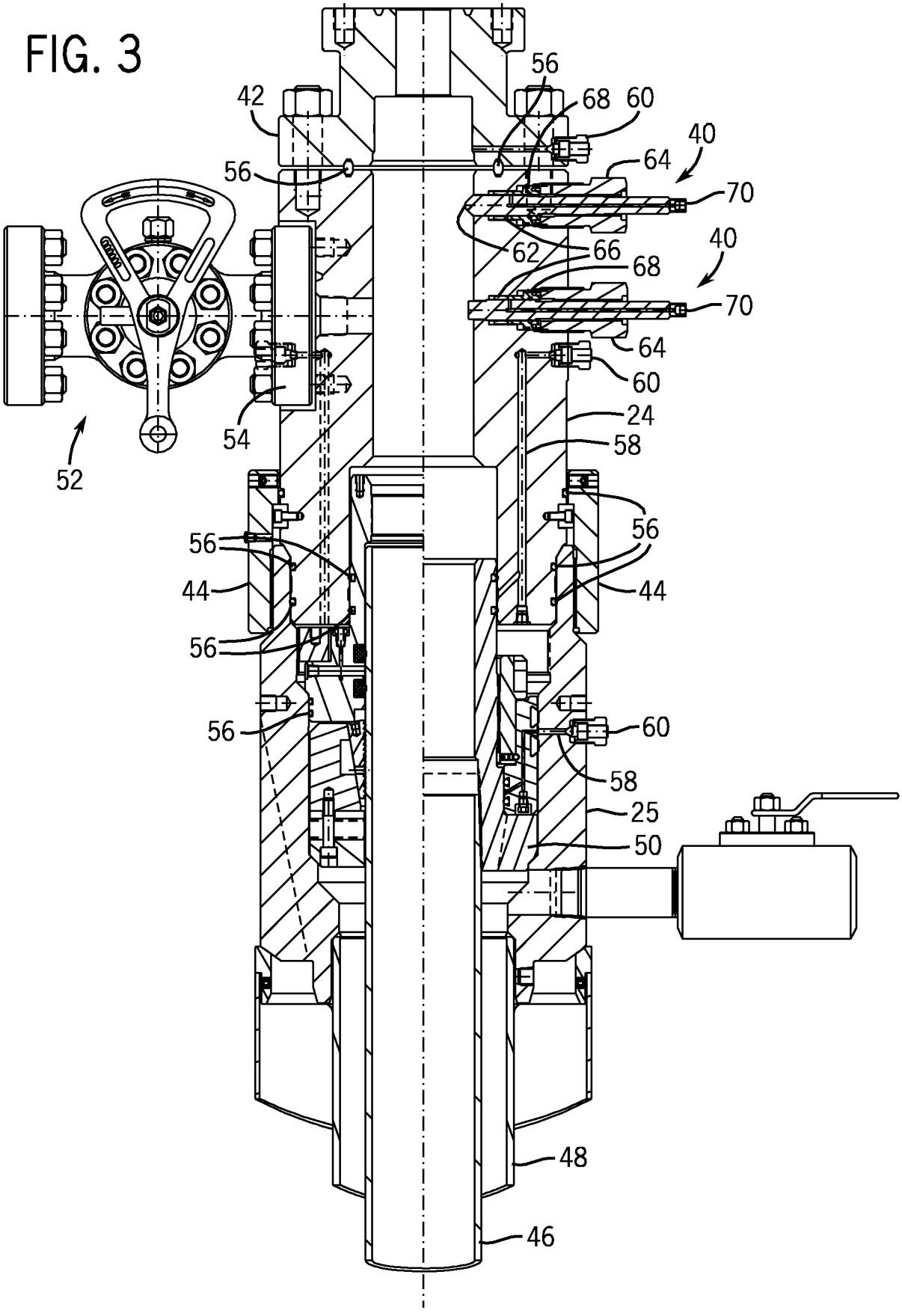

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FIG. 3


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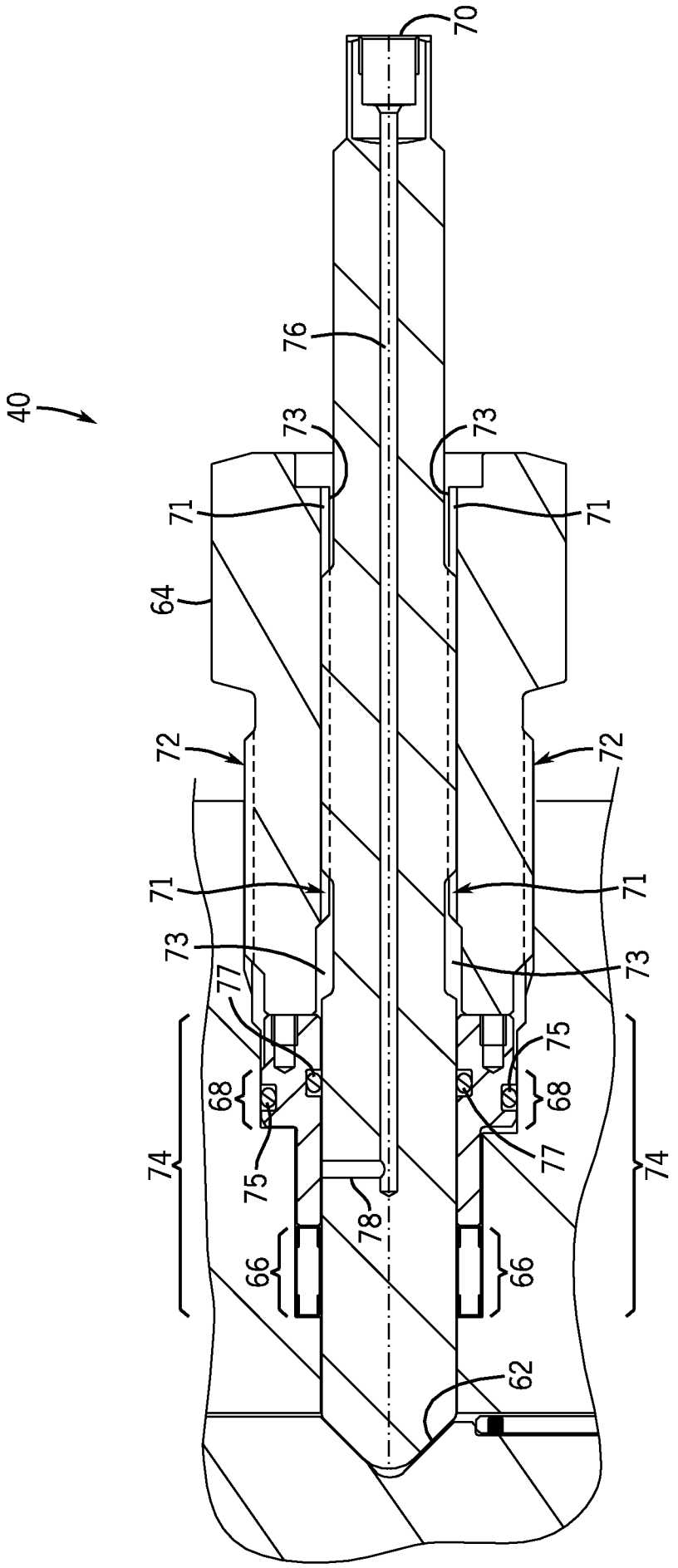

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FIG. 4

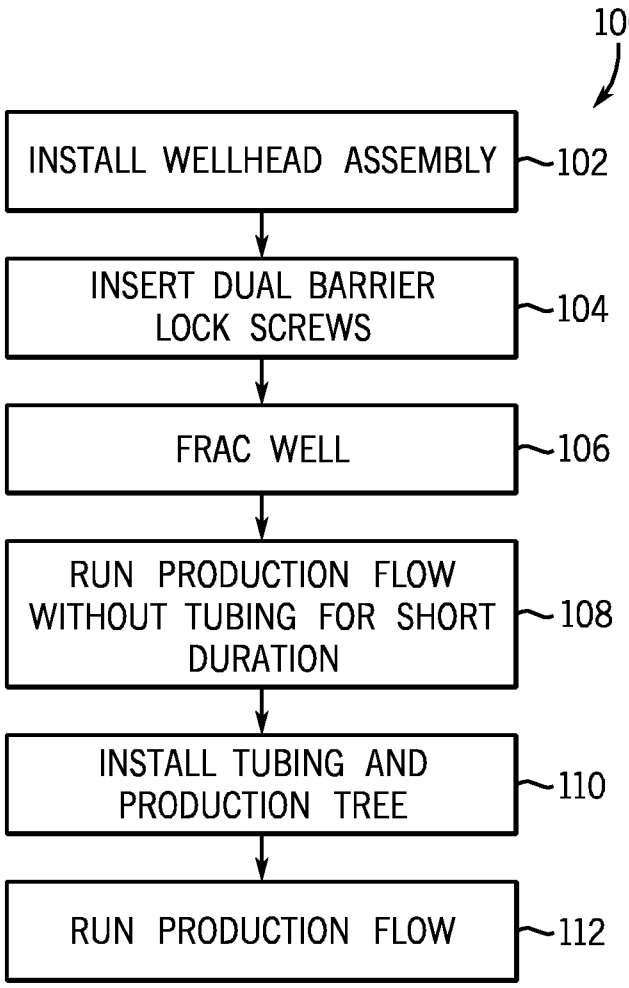

100
INSTALL WELLHEAD ASSEMBLY
102
INSERT DUAL BARRIER LOCK SCREWS
104
FRAC WELL
106
RUN PRODUCTION FLOW WITHOUT TUBING FOR SHORT DURATION
108
INSTALL TUBING AND PRODUCTION TREE
110
RUN PRODUCTION FLOW
112

FIG. 5

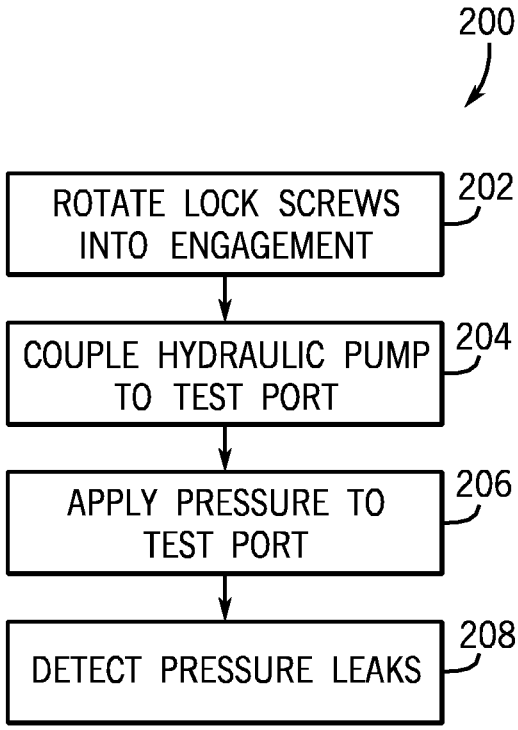

200
ROTATE LOCK SCREWS INTO ENGAGEMENT
202
COUPLE HYDRAULIC PUMP TO TEST PORT
204
APPLY PRESSURE TO TEST PORT
206
DETECT PRESSURE LEAKS
208

FIG. 6