

4. Two (2) Drilco Bit Subs, 9-1/2" O.D. x 3" I.D., 7-5/8" API reg. box x 6-5/8" API reg. box, bored for 5FGR float x 48" long.
5. Two (2) Drilco Bit Subs, 9-1/2" O.D. x 3" I.D. x 48" long 7-5/8" API reg. box up x box down, bottom bored for 5FGR float.
6. Two (2) Bit Sub for 8" O.D. collars, 8" O.D. x 36" long, 6-5/8" API regular box each end with one end bored for Baker 5F6R float valve.
7. Two (2) Bit Sub for 6-1/2" O.D. drill collars, 6-1/2" O.D. x 36" long, 4-1/2" I.F. box up and 4-1/2" API regular box down bored for Baker 4R float valve.
8. Two (2) Bottleneck Crossover sub, 8" O.D. collars to 9-1/2" O.D. collars, 8" x 9-1/2" x 48" long, 6-5/8" API regular box up to 6-5/8" API regular pin down.
9. Two (2) Bottleneck Crossover Sub, 6-1/2" O.D. collars to 8" O.D. collars, 6-1/2" O.D. x 8" O.D. x 48" long, 4-1/2" I.F. box up to 6-5/8" API regular pin down.
10. Two (2) Drilco Crossover Subs (from 8" drill collars to 5" drill pipe) 8" O.D. x 2-13/16" I.D. x 48" long, 6-5/8" I.F. box up x 4-1/2" API pin down, 6-3/8" O.D. fishing neck.
11. Two (2) Bottleneck Crossover Sub, 6-1/2" O.D. collars or pipe to 9-1/2" O.D. drill collars, 6-1/2" O.D. x 9-1/2" O.D. x 48" long, 4-1/2" I.F. box up to 7-5/8" API regular pin down.
12. Three (3) Throwaway Kelly Saver Subs, 6-1/4" O.D. x 12" long, 4-1/2" I.F. box and pin connections.

F. Bumper Subs:-

1. Two (2) Baash Ross, 8-1/4" O.D. 60" long stroke splined bumper subs, with 6-5/8" API regular connections.
2. Two (2) Baash Ross, 6-1/2" O.D. 60" long stroke splined bumper sub, with 4-1/2" I.F. connections.
3. One (1) Bowen fishing bumper sub each for contractor's 8-1/4" and 6-1/2" O.D. drill collar strings.