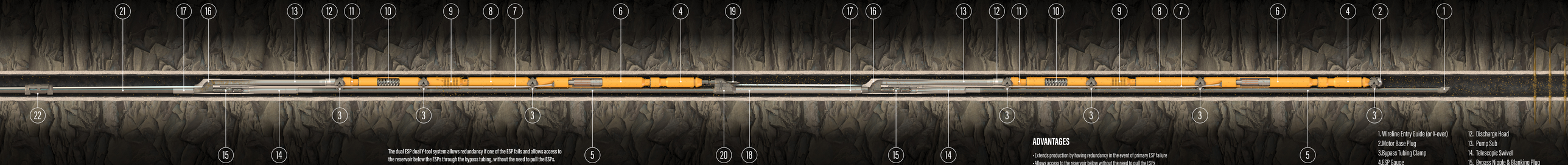
System 07: Y-Tool Only Completions

Dual ESP With Dual Y-Tool



The dual ESP dual Y-tool system allows redundancy if one of the ESP fails and allows access to the reservoir below the ESPs through the bypass tubing, without the need to pull the ESPs.

The system can also be used as a parallel pumping system with access to the reservoir below.

ADVANTAGES

- Extends production by having redundancy in the event of primary ESP failure
- Allows access to the reservoir below without the need to pull the ESPs

1. Wireline Entry Guide (or X-over)
2. Motor Base Plug
3. Bypass Tubing Clamp
4. ESP Gauge
5. Flush Joint Bypass Tubing
6. ESP Motor
7. MLE Cable
8. ESP Seal Protector
9. ESP Pump Intake
10. ESP Pump
11. Discharge Pressure Sub
12. Discharge Head
13. Pump Sub
14. Telescopic Swivel
15. Bypass Nipple & Blanking Plug
16. Y-Tool
17. Top Nipple
18. Handling Sub
19. Spear
20. Pump Support Block
21. Handling Sub
22. Production Tubing Connection

UMS Flowell
Performance Under Pressure