

## Reynolds Lift ESP delivers 8,400+ BFPD in Tight Casing Well

High Flow Reliability for Maximum Production

### Key Performance Highlights

- **Maximum Production Rate in Tight Casing:** Delivered peak 8400 BFPD ensuring rapid production in 5 1/2" casing
- **Compact High-Power Motor:** 3.99" 500 HP Motor coupled with 400 series pumps, provides industry leading power density in less than 23 feet length
- **Zero Pressure Losses Across Motor:** With an increase of 255% in annular flow area around motor, this allows minimal flow restriction and enables optimal, maximum production
- **Effective Drawdown:** ESP demonstrated drawdown of 50 psi/day while producing over 8400 BFPD
- **Motor Thermal Management:** Running near 95% motor load of ~475HP mechanical output, the motor continues to run cool and operate at 90% efficiency

### Well Conditions

- **Production Rate:** 6888-8400 BFPD
- **Water Cut:** 90%-100%
- **Setting Depth:** 8000 ft.

### Performance Benefits

- **Higher Flow Rates:** With negligible head losses around motor, the system enables higher flow rates without erosion, scaling, or other pressure loss related issues
- **Maximized Efficiency:** The compact design and excellent heat management contribute to the system's long-term reliability, reducing operational overhead and ensuring efficient performance over time

