PRODUCTION TUBING

IMPREGLON® Coatings

IMPREGLON® coatings have proven themselves in severe service wells across Western Canada, and are the established industry standard for corrosion and deposition prevention for oil and gas production equipment. Impreglon's customers include end users, completions companies, OEM's, and supply houses.

Recommended Services

IMPREGLON® coatings are used to prevent corrosion and deposition in a range of severe environments including:

- **Gas wells** - corrosion and sulphur deposition
- **Heavy oil** - corrosion and asphaltenes deposition
- **Water wells** - corrosion and scaling

Parts Coated

IMPREGLON® coatings can be applied to tubing with diameters from 2 3/8" to 4 1/2" and up to 30' in length.

Impreglon Advantage

Tubing failures are costly. With increasing workover, replacement, and lost production costs, protecting tubing against corrosion is becoming a greater priority for completion, production, and maintenance engineers. IMPREGLON® coatings are effective in protecting production tubing for the following reasons:

1. **Minimum Impact on Pipe ID**
   - IMPREGLON® coatings are thin (1.5 mils) compared with high-build coatings and liners
   - Protects string without affecting drift
   - Saves time, money, and hassle by allowing standard tools e.g. bridge plugs to be run

2. **Complete Coverage**
   - Thin profile also allows the coating to wrap around from the ID and completely cover standard threads
   - No breaks, gaps, joints, or complicated connections i.e. no weak spots where the string is most vulnerable

3. **Withstands Explosive Decompression**
   - Advanced chemistry means reduced permeability and superior adhesion
   - IMPREGLON® coatings remain in place even under explosive decompression
   - Expansion, contraction, twisting, and elongation are not an issue
   - Flexibility allows coatings to "give" instead of breaking, splitting, cracking, blistering, or pulling away

4. **Superior Chemical Resistance – Even When Damaged**
   - IMPREGLON® coatings form an inert protective barrier around components that protects them from the widest possible array of damaging chemicals
   - Effective against H_2S, CO_2, amines, acids, petrochemicals, chlorides, solvents, gases, and bacteria
   - Resistant to undercreep even when damaged
   - Wireline damage has minimal impact when compared with conventional coatings and liners

5. **Corrosion and Deposition Control in a Single Solution**
   - Deposition can choke a well and accelerate corrosion by trapping harmful chemicals against the substrate
   - IMPREGLON® coatings are unique in that they are resistant to chemical attack and posess non-stick characteristics
   - Proven effectiveness against asphaltenes, sulphurs, and a wide variety of scales

6. **High Operating Temperatures**
   - With continuous use in temperatures up to 550°F, IMPREGLON® coatings are effective in deep/hot wells

7. **Other Advantages**
   - Reduced handling concerns - will not chip, peel, or crack when dropped or overtorqued
   - Increased hydraulic efficiency - low coefficient of friction and surface tension creates a smooth surface that enhances flow
   - Reduced environmental impact - drop in replacement for costly and potentially damaging ongoing chemical washes typically used for deposition and corrosion control

Recommended Impreglon Coating

IMPREGLON® 222M's proven effectiveness has established it as the solution of choice for mitigating corrosion and deposition on production tubing. Contact us for a recommendation based on your particular service conditions.