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WELL CLEANER

FIELD USAGE

1. INJECTION AND DISPOSAL WELLS

PROBLEMS:

1. Pressure buildup, loss of vacuum
2. Decreasing injection rates due to oil-wet solids.

DIAGNOSIS:

Injection or disposal waters with dissolved solids, silt, iron sulfide and hydrocarbons in them will tend to form a thin “cake” downhole. This material acts much the same as a fluid loss additive and causes injection pressures to increase. Plugging may eventually result.

TREATMENT:

If possible, backflow well until water cleans up. Spearhead one (1) drum of WELL CLEANER (mixed with four (4) barrels of water) on formation face or perforations. Soak up to 24 hours. Resume injection.

Use WELL CLEANER continuously or batch treat the injection or disposal system. This prevents buildup of oil-wet solids downhole.

2. PRODUCING WELLS AND STRIPPERS PARAFFIN CLEANUP:

PROBLEMS:

Declining production or loss of production may be due to paraffin.

DIAGNOSIS:

Production has declined due to clogging of perforations and well bore or restrictions in tubing due to buildup of paraffin. Solids and water combine in paraffin causing plugging and reduced paraffin solubility.

WELL CLEANER

TREATMENT:

Mix one-half to one (1/2 – 1) drum of WELL CLEANER with 10-24 barrels of water. Pump down annulus. Continue to produce well.

Where possible use fresh water. Avoid displacing fluid into formation by using only enough to cover perforations.

WELL CLEANER enhances breakup of paraffin, helps water to coalesce and drop out and helps loosen paraffin (a slicking effect) for easier removal.

3. **TANK BOTTOM CLEANUP:**

PROBLEMS:

High tank bottoms, due to

1. Iron Sulfide
2. Paraffin
3. Dirty Oil
4. Emulsion

DIAGNOSIS:

Iron sulfide can cause emulsions and solid buildup in stock tanks. Presence of paraffin will compound bad oil problems by stabilizing emulsions and coating solid particles.

TREATMENT:

Add one to three (1-3) gallons WELL CLEANER (preferably mixed with an equal amount of fresh or salt water) to the tank. Roll tank for on/half (1/2) to three (3) hours and allow to settle. Iron sulfide and basic sediment will then be preferentially water wet and may be drawn off, leaving clean, sediment-free oil.

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