



CASE STUDIES

Dissolution of Barium Sulfate Scale in Oil Production

These successful case studies were executed by our distribution and service partner Ba Chemicals.

- 1** An injection well flowline for the Northwest Chandler Waterflood Unit in Lincoln County, Oklahoma was plugged with Barium Sulfate scale reducing flow to 150 bbls/day from 1100 bbls/day. 1500 feet of flowline was treated with 60 bbls of FQE Barium-Clear for 5 hours. The injection rate after treatment returned to 1100 bbls/day with drastic reduction in pressure.

- 2** An injection well in the Northwest Chandler Waterflood Unit was injecting 150 bbls/day at 1400 psi. The well was treated with 60 bbls of FQE Barium-Clear and shut in overnight. Operation resumed the next day following the treatment at an injection rate of 1100 bbls/day at 800 psi.

- 3** An active pumping oil well in Ellis County, Oklahoma was having continual iron sulfate scale problems requiring 6 workovers per year. A 30 bbl FQE Barium-Clear treatment was performed for the initial clean out of the wellbore followed by a trace continuous injection of FQE Barium-Clear as a treatment program. The well has been operating for 8 months with no scale build-up or workovers needed.

- 4** A surface injection pump in Noble County, Oklahoma was quickly building Barium Sulfate scale causing pump failure every 2-4 weeks. A locked-up and scaled-up pump was circulated with 12 gallons of FQE Barium-Clear. The treatment removing the scale and freed the pump after 4 hours. The well was placed on a continuous treatment program which has prevented further scale build-up.

FQE Barium-Clear PATENT PENDING

FQE Barium-Clear helps increase oil and gas production by bringing back system efficiency.

The product is specifically designed for the dissolution and removal of barium scale deposits. It is also formulated to prevent re-deposition of the scale through trace continuous injection.

This product offers significant safety benefits over traditional acid treatments.

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Turnkey barium scale solutions partner:



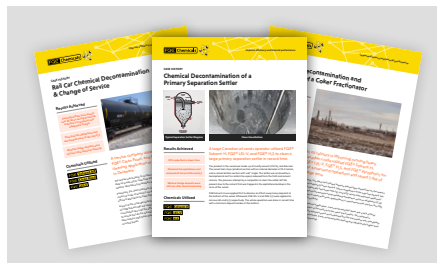
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For more information visit our website:

fqechemicals.com/barium-sulfate-scale-oil-production



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