“Selection and Treatment of Stripper Gas Wells for Production Enhancement in the Mid-Continent”

Advanced Resources International
Project Tasks

- Develop Well Performance Model and Candidate Screening Methodology
  - Virtual Intelligence
  - Type Curves
- Evaluate “New and Novel” Low-Cost Well Improvement Options
  - High Energy Gas Fracturing where Skin Damage Present
  - Single-Stage Waterfracs for Tight Multi-Zone Wells
  - Telescoping Velocity String for Efficient Liquids Removal
- Perform Integrated Field Demonstrations
  - Canyon Sands, Ozona Field, West Texas (Anadarko Petroleum)
  - Currently Soliciting Second Test Site
Workovers

Production

Completion

Reservoir

Location, Time

Candidate Prioritization
(Type Curves)

Problem Diagnosis
(Virtual Intelligence)

High Skin – HEGF

Unfraced Zones – Waterfrac

Liquid Loading – Siphon String

Incremental Production

SOLUTION

Other?
Site #1:
- Ozona Field
- Canyon sands
- Anadarko

Note: Second site currently being solicited.
Completed in KF21, KF22, KF23. Refracked thru all perfs w/ N2 foam (385 mgals, 165 mlbs) and ball sealer diversion on 6/6/00.

Restimulation