

# Optimizer System

ConocoPhillips - Maljamar, New Mexico



## The Problem

ConocoPhillips in Maljamar, New Mexico was experiencing efficiency issues with well Ruby 55. The pump was in extreme gas and sand conditions within the well. The pump was being pulled frequently and was gas locking, forcing the operator to tag the pump to keep it pumping.

The pump was being changed approximately every 100 days

## Solution

A 2-inch insert pump with the **SandCheck Valve Rod Guide, Cyclone Assembly, Dual 92 Plunger, HighFlow Traveling** and **Standing Valves, and Solution Valve** were installed in Ruby 55

## Job Postmortem

Ruby 55 has been running for **875 days** and is continuing to pump efficiently. Runtime has increased by 757 days, or about two years and a month. Ruby 55 has run nearly **eight times** longer using the Optimizer System. This has saved ConocoPhillips the expense of pulling costs and downtime eight times over.

The Optimizer System has decreased solids interference and gas lock, eliminated bottom tagging and fluid pound, and increased efficiency and production.



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