

WORKOVER PROCEDURE

FEDERAL 11-20-34 NO. 1

1980' FNL & 2130' FWL

Section 11, Township 20 South, Range 34 East
Lea County, New Mexico

21. Pull packer up to 10,130'. Spot 1000 gallons of 15% NEFE acid 200-300' above the packer. Set the packer, then displace acid with 70 barrels of produced water at as high a rate as possible.
22. Shut down and obtain ISIP through 30 min shut-in pressures.
23. Bleed off pressure. Release packer and trip in hole to the bridge plug. Latch onto, release and pull up hole with the bridge plug to 9600'.
24. Set and pressure test the bridge plug to 5700 psi.
25. Pull packer up to 9550'. Spot 500 gallons of mud acid 200-300' above the packer. Set the packer, then breakdown the perforations and displace the acid with 120 barrels of 20# gelled slick water containing 2% KCl and 60 ball sealers.
26. Shut down and obtain ISIP through 30 min shut-in pressures.
27. Bleed off pressure. Release packer and trip in hole to the bridge plug. Latch onto, release and pull up hole with the bridge plug to 9550'.
28. Set and pressure test the bridge plug to 5700 psi.
29. Pull the packer up to 9510'. Spot 500 gallons of mud acid 200-300' above the packer. Set the packer, then breakdown the perforations and displace the acid with 120 barrels of 20# gelled slick water containing 2% KCl and 60 ball sealers.
30. Shut down and obtain ISIP through 30 min shut-in pressures.
31. Bleed off pressure, release packer and trip in hole to bridge plug. Latch onto, release and pull up hole with the bridge plug to 9510'.
32. Set and pressure test the bridge plug to 5700 psi.
33. Pull the packer up to 9460'. Spot 1000 gallons of mud acid 200-300' above the packer. Set the packer, then breakdown the perforations and displace the acid with 150 barrels of 20# gelled slick water containing 2% KCl and 80 ball sealers.
34. Shut down and obtain ISIP through 30 min shut-in pressures.
35. Bleed off pressure, then release packer. Trip in hole to bridge plug. Latch onto and release bridge plug.
36. Trip in hole with bridge plug to 9600'.