

8. GIH w/5-1/2" treating packer, SN and 2-7/8" workstring.
  - a. Hydrotest 2-7/8" workstring to 6000 psi.
  - b. Set packer @  $\pm 3550$  to load backside w/9 lb brine and pressure test to 500 psi.
  - c. Prepare to acidize.
9. Acidize the 7R-Queen flood zone from 3670' to 3803' through 2-7/8" tubing @ 4-6 BPM w/max surface pressure of 2500 psi as follows:
  - a. Pump 30 bbls 15% HCl-FE acid inhibited for 24 hours @ 100°F.
  - b. Pump 400 lbs graded rock salt mixed in 6 bbls gelled 9 lb brine.
  - c. Pump 30 bbls 15% HCl-FE acid
  - d. Pump 400 lbs graded rock salt mixed in 6 bbls gelled 9 lb brine.
  - e. Pump 30 bbls 15% HCl-FE acid
  - f. Flush w/40 bbls 9 lb brine.
  - g. Swab back load ( $\pm 142$  bbls).
10. Prepare to frac the 7R-Queen perms from 3670' to 3803' @ 15-20 BPM w/max surface pressure of 3500 psi.
  - a. Pump 3000 gals 40 lb gel water pad.
  - b. Pump 1000 gals 40 lb gel w/1/2 ppg 20/40 sd.
  - c. Pump 3000 gals 40 lb gel w/1 ppg 20/40 sd.
  - d. Pump 4000 gals 40 lb gel w/2 ppg 20/40 sd.
  - e. Pump 3000 gals 40 lb gel w/3 ppg 20/40 sd.
  - f. Pump 1000 gals 40 lb gel w/4 ppg 20/40 sd.
  - g. Pump 1000 lbs rock salt in 17 bbls gelled 9 ppg brine.
  - h. Pump 3000 gals 40 lb gel water pad.
  - i. Pump 1000 gals 40 lb gel w/1/2 ppg 20/40 sd.
  - j. Pump 3000 gals 40 lb gel w/1 ppg 20/40 sd.
  - k. Pump 4000 gals 40 lb gel w/2 ppg 20/40 sd.
  - l. Pump 3000 gals 40 lb gel w/3 ppg 20/40 sd.
  - m. Pump 1000 gals 40 lb gel w/4 ppg 20/40 sd.
  - n. Flush w/21 bbls gelled 40 ppg water.
  - o. SION to allow gel to break.
  - p. Swab back load (approx. 750 bbls).

Frac Fluid Composition per 1000 gals

40 lb GW-32 HPG  
20 lb Adomite Agua  
1 gal NE-12  
167 lb KCl  
1 lb GBW-9

11. Release packer at 3550' and POOH.