

8. MI \_\_\_\_\_ treating company. Phillips supervisor will hold safety meeting with treating company personnel. RU to acidize the San Andres interval with 6,900 gallons of 15% NEFE HCl. Load annulus with 2% KCl water and monitor level in annulus during treatment. Pressure test all lines to 5,000 psi before starting treatment. Keep treating pressure as low as possible, maximum treating pressure 5,000 psi. Treat at 4-5 BPM as follows:

- a. Open circulating valve and displace tubing with 400 gallons of acid. Close circulating valve.
- b. Pump 6,500 gallons of acid containing one (1) 1.1 s.g. ball sealer in each 50 gallons acid (130 balls total).
- c. Flush with 23 bbls of 2% KCl water.

Note: 15% acid must contain clay stabilizer.

9. Flow and swab back acid and load water (total volume is 187 bbls).
10. Release packer. GIH and release RBP. Set RBP at +2,565'. Set packer at +2,555' and test RBP to 1,000 psi. Release packer.
11. Set packer at +2,240'. RU and swab well to lower fluid level in tubing.
12. RU \_\_\_\_\_ treating company to acidize Grayburg perforations with 4,000 gallons of 7-1/2% NEFE HCl. Load annulus with produced water and hold 500 psi on annulus while treating. Pressure test all lines to 5,000 psi before starting treatment. Keep treating pressure as low as possible, maximum treating pressure 5,000 psi. Treat at 4-5 BPM as follows:
- a. Open circulating valve and displace tubing with 350 gallons of acid. Close circulating valve.
  - b. Pump 3,650 gallons of acid containing one (1) 1.1 s.g. ball sealer in each 50 gallons acid (73 balls total).
  - c. Flush with 14 bbls of 2% KCl water.

Note: 7-1/2% acid must contain clay stabilizer and fines suspension agent.