

MAR 5 1970

17. Continued -

- 2) a. Paddock perfs. at 5244', 5246', 5248', 5250', 5252', 5254', 5256' and 5258'. (8 holes) Set RTTS at 5280' to test Ret. BP. BP leaking. Reset Ret. BP at 5351'. Tested RTTS to 2000#, o.k. Acidize w/ 4000 gals. 15% DS-30 plus 12 ball sealers, load csg. w/ refined oil. Circulate acid to spot and breakdown. Max. press., 3000#, broke to 1700#, good ball action, balled out at 3000#. Avg. treating press. 1800# at 5 BPM. ISDP, 1000#. I.R., 3/4 - 5 BPM. Pulled 4 jts. tbg. Set RTTS at 5154'. PI 5 BPM at 1600#. Mixed 100 sx. Class C plus 3# sand/sx. Would not squeeze.
- b. Reset RTTS at 5120'. PI 3 BPM at 2100#. Mix 50 sx. w/ .5 of 1% CFR-2 plus 3#/sx. salt and 50 sx. Class C w/ 3#/sx. sand. Squeeze to 4000# w/ 75 sx. Squeeze job complete, 10:00 a.m. 2-24-70. Hole circulated o.k. WOC, 12 hrs.
- 3) a. San Andres perfs. at 4805', 4897', 4904', 4918', 4951' and 4960'. (6 holes) Reset BP at 5100'. Spot 4 bbl. acid. Set RTTS at 4708'. Acidize perfs. w/ 1500 gals. DS-30 and 9 ball sealers. PI 2 1/2 BPM at 2400#. ISIP, 850#. 10MSIP, 0#. Balled out all perfs. Job complete 11:24 a.m. 2-26-70.
- b. Squeeze perfs. w/ 120 sx. Class C .3% Halad-9 plus 150 sx. Class C, 3# salt and 6# No. 3 sand. Squeezed to 4000#. Reverse out 60 sx. Cement in place 2:20 p.m. 2-27-70. Hole circulated o.k. WOC, 12 hrs.
- 4) a. Grayburg perfs. at 4015', 4049', 4053', 4064', 4082', 4091', 4121', 4123' and 4125'. (9 holes) Set RTTS at 3971'. Acidize perfs. w/ 2000 gals. DS-30 and 14 ball sealers. PI 30 BPM, 2400/1450#. ISIP, 0#. Good ball action. Job complete 11:50 a.m. 2-28-70/
- b. Reset RTTS at 3847'. Squeeze Grayburg perfs. w/ 120 sx. Class C .3% Halad-9 plus 120 sx. Class C, 3# salt and 6# sand/sx. Squeeze to 4500#. Reverse out 44 sx. Cement in place 9:15 a.m. 3-1-70. Hole circulated o.k. WOC, 12 hrs.

