

7-18-88 SITP 500 PSIG, BLEEDING OFF PRESSURE. 8 AM 500 PSIG. OPEN WELL ON 48/64" CHOKE. HAD BLOW OF AIR. GAS TO SURFACE IN 5 MIN. BLEW DOWN TO VERY WEAK BLOW IN 15 MIN. RAN SWAB. FLUID LEVEL @ 9200' (TOP OF 3000' WATER BLANKET) MADE 8 SWAB RUNS. RECOVERED 7 1/2 BBLs. OF LOAD WATER. USING SET OF SWAB CUPS EVERY RUN. NO FLUID RECOVERY ON LAST 2 SWAB RUNS. FLUID LEVEL @ 11,300' ON LAST SWAB RUN. VERY WEAK CONTINUOUS FLARE. AFTER 2ND SWAB RUN. SHUT IN WELL & SHUT DOWN FOR NIGHT @ 4:00 PM. DCC:\$14,174. CCC:\$55,373.

7-19-88 15 1/2 HR. SHUT IN. 150 PSIG; BLED OFF PRESSURE. HALLIBURTON LOAD TUBING W/62 BBL. OF 10#/GAL BRINE WATER W/2% KCL & SURFACTANT. REMOVE TREE AND UNSEAT PACKER. RAN 1 JNT. TBG. & SET TBG. VENT @ 12,414'. REVERSE CIRCULATE 75 BBLs. BRINE WATER TO CLEAR TBG. & CLEAR PERFS. SPOT 1000 GAL. 10% DOUBLE INHIBITED ACETIC ACID @ 12,404' TO 11,800'. LAY DOWN 3 JNTS. OF TBG. AND 10' TBG. SUB. WITH WATER FLOWING FROM TUBING. SET 2 7/8" X 7 5/8" BAKER LOCKSET PACKER @ 12,666' W/16000 LB. TENSION. INSTALL WRAP-AROUND. LOAD BACKSIDE W/25 BBLs. BRINE. PRESSURE UP ON PACKER W/1000#. HELD OK. INSTALL TREE, RIG UP JARRELL WIRELINE SERVICE. RUN SHIFTING TOOL AND DROP USE VANN PERFORATING GUNS TO BOTTOM. RELEASED GUNS FROM TUBING, RELEASE SUB. BOTTOM OF TUBING OPEN ENDED @ 12,300'. HALLIBURTON DISPLACE 1000 GAL 10% ACETIC INTO PERFS. MAX PRESSURE:4330 PSIG; AVERAGE PRESSURE: 4250 PSIG, AVERAGE RATE: 1/2 BPM; ISITP 4180 PSIG; 10 MIN SITP 4000 PSIG. LOAD TO RECOVER 96 BBLs. OPEN WELL & BLEED OFF PRESSURE IN 2 MIN. MADE 6 SWAB RUNS. RECOVERED ESTIMATE 30 BBLs. LOAD WATER. FLUID LEVEL @ 4500' ON LAST SWAB RUN. SHUT DOWN FOR NIGHT @ 5 PM. DCC:\$2239. CCC: \$57,612.

7-20-88 SHUT IN TUBING PRESSURE 4400 PSIG. OPEN WELL UP ON 24/64" CHOKE. WELL UNLOADING TUBING. 14 1/2 HR. SHUT IN. 4400 PSIG, OPEN ON 24/64" CHOKE. UNLOAD BRINE WATER & ACETIC ACID. TUBING PRESSURE DECREASE TO 50 PSIG IN 4 HRS RAN SWAB. FLUID LEVEL @ 8500' MADE 2 SWAB RUNS. RECOVERED 4 BBLs. (ESTIMATED) FLUID. RIG UP HALLIBURTON. TREAT W/2500 GAL. 7 1/2% MOROFLO PC ACID WITH 750 SCF OF N2 PER BARRELL OF ACID & FLUSH WATER. RAN 40 BALL SEALERS. MAX TREATING PRESSURE 630 PSIG. AVE. TREATING PRESSURE 5560 PSIG. AVERAGE FLOW RATE: 3.2 BBL/MIN. ISIP: 4900 PSIG, 15 MIN. SITP, 4900 PSIG. LOAD TO RECOVER 120 BBL. OPEN WELL UP @ 4:15 PM TO FLOW BACK TO PIT ON 48/64" CHOKE. FLOW BACK 45 MIN. & DIED. RAN SWAB, FLUID LEVEL @ 2300'. MADE 3 SWAB RUNS. FLUID LEVEL AFTER 3 SWAB RUNS @ 4500'. HAD SMALL GAS FLARE AFTER 2ND AND 3RD SWAB RUNS. SHUT IN & SHUT DOWN FOR NIGHT @ 6 PM. DCC:\$6484.00 CCC:\$64,096.