

PULLED BOTTOM OF TUBING TO 2553'. CIRC. WELL W/130 BBLs. FRESH WATER. RIGGED UP HALLIBURTON, BROKE CIRC. W/2 BBLs. FRESH WATER, MIXED & SPOTTED 220 SKS. MICRO MATRIX CEMENT W/1.2% CFR-E & 1/4 LB./SK. D-AIR TO 1450' W/7 BBLs. FRESH WATER. PULLED TBG. UP TO 1310', REVERSED CIRC. TBG. CLEAN W/15 BBLs. FRESH WATER. TOH W/TUBING. TIH W/7" X 2-7/8" PACKER & SET AT 1,004'. PRESS. CASING TO 500 PSI. SQUEEZED 2 SKS. CMT. INTO FORMATION AT 750 PSI MAX. PRESS. WOC. CHECKED PRESS. ON TBG. & FOUND 0 PSI. TOH W/PKR. TIH WITH 6-1/8" BIT & TAGGED TOC AT 1554'. DRILLED CMT. FR. 1554' TO 1930'. PRESS. TESTED CSG. EVERY 90' TO 500 PSI. HELD OK. DRILLED OUT CMT. FR. 1930' TO 2550'. PRESS. TESTED CSG. EVERY 90' TO 500 PSI. HELD OK. DRILLED OUT CMT. STRINGERS FR. 2550' TO 2583'. RAN BIT TO 2614'. CIRC. CLEAN. PRESS. TESTED. 7" PROD. CSG. TO 500 PSI FOR 30 MIN. HELD OK. LOWERED BIT & CIRC. SAND OFF TOP OF RBP. TOH W/BIT. TIH W/RETRIEVING HEAD. LATCHED ONTO RBP & TOH. TIH WITH 6-1/8" BIT & TAGGED BOTTOM AT 3930' FOR 23' OF FILL. RIGGED UP TRI-CONE EQUIPMENT & EST. CIRC. W/2400 CFM AIR & 16 GPM WATER AT 550 PSI. LOWERED BIT & TAGGED AT 3930'. CLEANED OUT FILL FR. 3930' TO 3953'. CIRC. CLEAN FOR 1 HR. TOH W/BIT. SCHLUMBERGER RAN GR-CCL W/HLDT CALIPER FR. 3944' TO 2920'. TIH W/7" PKR., SET AT 3650'. RIGGED UP PRO-LOG TO RUN PUMP-IN TRACER SURVEY. RAN TEMP. SURVEY, TRACER SURVEY & VELOCITY SURVEY. NO EVIDENCE OF PKR. LEAK OR CHANNEL BEHIND CSG. TIH WITH 5-7/8" OD SERFCO UNDER-REAMER. RIGGED UP TRI-CONE AIR EQUIPMENT, LOWERED UNDER-REAMER TO 3696', EST. CIRC. W/2400 CFM AIR & 16 GPM WATER. OPENED UNDER-REAMER & UNDER-REAMED OH FR. 3696' TO 3953'. CIRC. CLEAN FOR 1 HR. TOH W/UNDER-REAMER. SCHLUMBERGER RAN GR-CCL-CNL-HLDT W/CALIPER FR. 3941' TO 2900'. CALIPER SHOWED 8-1/2" OR LARGER HOLE FR. 3698' TO 3790'. LOGGER TD = 3941' FOR 12' OF FILL. TIH W/PKR. SET AT 3560'. RIGGED UP PRO-LOG. RAN PUMP-IN TRACER SURVEY IN OH VELOCITY. TIH W/2 JTS. 2-7/8" TBG. & SET PKR. AT 3622'. LOADED & PRESS. TESTED 7" CSG. TO 500#. HELD OK. SERFCO ACIDIZED OH W/5000 GALS. 15% NE-FE HCL ACID USED 2000 LBS. ROCK SALT MIXED 1 PPG IN 30 LB. CROSS-LINKED GELLED SYSTEM FOR BLOCKING AGENT. SWABBED WELL. RELEASED PKR. & TOH. TIH W/2-7/8" X 7" TAC ON 2-7/8" TBG. REMOVED BOP. SET TAC AT 3529' W/16,000# TENSION. SN AT 3654 & BOTTOM OF TBG. AT 3655'. FLANGED UP WELLHEAD. TIH W/PUMP & RODS, LOADED & TESTED TBG. TO 500 PSI - OK. CHECKED PUMP ACTION - OK. RDPU, CLEANED LOCATION & RESUMED PROD. WELL. TEST OF 4-12-93: Prod. 8 b.o., 43 b.w. & 17 MCFGPD in 24 hours.