

CLEAN BETWEEN THE 7" PROD. CSG. & THE 9-5/8" INT. CSG. W/FW. RAN A 7" CMT. RETAINER ON 36 JTS. OF 2-3/8" TBG. PUMPED 5 BBLs. FW THRU THE RETAINER. SET THE RETAINER @ 1,123'. TST'D. THE TBG. TO 1,000#. BROKE CIRC. THRU THE RETAINER W/10 BBLs. FW. HALLIBURTON LOADED THE CSG. W/4 BBLs. FW. PUMPED THRU THE CMT. RETAINER W/10 BBLs. FW CIRC. OUT THE 9-5/8" INT. CSG. PRESS'D UP ON THE 7" CSG. TO 300#. PUMPED 200 SKS. OF PREMIUM PLUS CMT. W/2% CALCIUM CHLORIDE & 75 SKS. OF PREMIUM PLUS CMT. CIRC. CMT. TO THE SURF. OUT THE 9-5/8" INT. CSG. LEFT 260 SKS. BETWEEN THE 7" PROD. CSG. & THE 9-5/8" INT. CSG. & INTO THE FORMATION. PULLED OUT OF THE RETAINER & REVERSED OUT. TOH W/TBG. RAN A 6-1/4" BIT ON D.C.'S & 20 JTS. OF 2-3/8" TBG. LEFT THE BIT SWINGING @ 810'. RAN 11 JTS. 2-3/8" TBG. FOR A TOTAL OF 31 JTS. & TAGGED UP @ 1,122'. BROKE CIRC. & DRLD. 2' OF CMT. TO 1,124'. DRLD. OUT THE CMT. RETAINER @ 1,124' & CMT. TO 1,144'. CIRC. CLEAN. DRLD. GOOD CMT. FR. 1,144' TO DRILL OUT @ 1,255'. RAN THE BIT TO 1,296' & CIRC. CLEAN. TST'D. THE 7" CSG. TO 560#. LOST 70# IN 30 MINS. RAN A PKR. TO 1,253'. SET THE PKR. & TST'D. THE CSG. BELOW THE PKR. TO 500#. HELD OK. SET THE PKR. @ 1,221' & TST'D. THE CSG. ABOVE THE PKR. TO 540#. HELD OK. FOUND THE LEAK IN THE SHOT HOLES @ 1,225'. TOH W/TBG. & PKR. RAN 41 JTS. OF TBG. O.E. TO 1,274'. HALLIBURTON SPOTTED 25 SKS. MICRO-MATRIX CMT. FR. 1,274'-1,144'. PULLED THE TBG. TO 1,118' & REVERSED OUT. TOH W/TBG. RAN A PKR. ON 34 JTS. OF TBG. & SET THE PKR. @ 1,067'. PRESS'D. UP ON THE CMT. TO 600#. BLED OFF TO 500# IN 5 MINS. PRESS'D. TO 600#. BLED OFF TO 550# IN 5 MINS. PRESS'D. TO 700#. WOULD NOT BLEED OFF. PUMPED 2-3/10 BBLs. OF CMT. INTO THE CSG. LEAK. CLOSED IN. WOC. TOH W/TBG. & PKR. RAN A BIT ON D.C.'S & 33 JTS. OF TBG. TAGGED UP @ 2,104'. DRLD. CMT. TO 1,275' & STRINGERS TO 1,300'. RAN THE BIT TO 1,328' & CIRC. CLEAN. TOH W/TBG., D.C.'S & BIT. TST'D. 7" CSG. TO 580# FOR 39 MINS. HELD OK. RAN A RETRIEVING HEAD ON 119 JTS. OF TBG. WASHED THE SAND OFF THE RBP @ 3,703'. LATCHED ONTO & RELEASED THE PLUG. TOH W/TBG. & RBP. RAN A BIT ON D.C.'S & 120 JTS. OF TBG. TAGGED BTM. @ 3,894' TD, FOR NO FILL. TOH W/TBG., D.C.'S & BIT. ROTARY WIRLINE SVC. STRING SHOT THE O.H. FR. 3,780'-3,894' W/A 400 GR/FT. CHG. RAN A BIT ON D.C.'S & 120 JTS. OF TBG. TAGGED BTM. @ 3,891' FOR 3' OF FILL. PULLED BIT TO 3,748'. JARREL SVCS. RAN A BHP GAUGE TO 3,735'. TOH W/TBG., D.C.'S & BIT. SCHLUMBERGER PERF'D. THE 7" CSG. W/4" CSG. GUNS, 2 JSPF, 180 DEG. PHASED HEG CHGS. FR. 3,692' TO 3,780', FOR A TOTAL OF 88' & 176 TOTAL HOLES. ONE CHG. DID NOT FIRE. SCHLUMBER RD. RAN A SONIC HAMMER ON 125 JTS. OF TBG. TO 3,888'. KNOX SVCS. ATTEMPTED TO PUMP THRU THE TOOL W/NO RESULTS. TOH W/TBG. & SONIC HAMMER. FOUND THE TOOL WAS PLUGGED W/IRON SULFIDE. RAN A NEW TOOL ON TBG. TO 3,888'. PUMPED 70 BBLs. FW @ 4.6 BPM. TBG. PRESS.-1,600# & CSG. OPEN BUT NO CIRC. WASHED THE O.H. FR. 3,826'-3,888'. PUMPED 50 BBLs. FW @ 4.7 BPM. TBG. PRESS.-2,000# & CSG. OPEN NO CIRC. WASHED THE O.H. FR. 3,826'-3,780' & CSG. PERFS. FR. 3,780'-3,760'. PUMPED 30 BBLs. FW @ 4.8 BPM. TBG. PRESS.-2,300# & CSG. OPEN NO CIRC. WASHED THE CSG. PERFS. FR. 3,760'-3,692'. PUMPED 40 BBLs. 15% NEFE DI ACID W/1.5% DP-77MX CHEMICAL @ 4.8 BPM. TBG. PRESS.-2,200# & CSG. PRESS.-70#. BROKE CIRC. & CLOSED THE CSG. VALVE. ACIDIZED THE 7" CSG. PERFS. FR. 3,692'-3,760'. FLUSHED W/16 BBLs. FW. PUMPED 40 BBLs. OF 15% NEFE DI ACID W/1.5% DP-77MX CHEMICAL @ 4.6 BPM. TBG. PRESS.-2,460# & CSG. PRESS.-0#. VALVE CLOSED. ACIDIZED THE CSG. PERFS. FR. 3,760'-3,780' & O.H. FR. 3,780'-3,826'. FLUSHED W/16 BBLs. FW. PUMPED 40 BBLs. 15% NEFE DI ACID W/1.5% DP-77MX CHEMICAL @ 4.9 BPM. TBG. PRESS.-1,850# & CSG. PRESS.-0#. ACIDIZED THE O.H. FR. 3,826'-3,888'. FLUSHED W/16 BBLs. FW. PULLED 4 JTS. TBG. TO 3,764'. RU SWAB EQUIP. SWABBED WELL. RD SWAB EQUIP. RAN A 7" X 2-3/8" ARROWSET IXS PKR., AN ON-OFF TOOL & 116 JTS. OF 2-3/8" IPC TBG. SET THE PKR. @ 3,665' W/11,000# TENSION. RELEASED THE ON-OFF TOOL. STAR TOOL LOADED THE 7" CSG. & CIRC. CLEAN W/140 BBLs. OF PKR. FLUID. LATCHED ONTO THE ON-OFF TOOL & TST'D. THE 7" CSG. TO 540 # FOR 32 MINS. HELD OK. RAN CHART FOR THE NMOCD. RMV'D. THE BOP. STAR TOOL PUMPED OUT THE PUMP OUT PLUG. INSTALLED THE INJ. WELLHEAD, CLEANED THE LOCATION & RDMO. CHG'D. STATUS OF WELL FR. PUMPING OIL WELL TO INJ. WELL. CLOSED IN.

NOTE: C-103 TO FOLLOW UPON FIRST INJECTION OF WATER INTO GROUND.