

AMERICAN FRACMASTER RDMO. ALLOW ACID TO SPEND. WELL FLOWING. INSTALL BOP. UNSET PKR. & PUMPED 40 BFW ON TBG. & EST. CIRC. TOH W/227 JTS. 2-7/8" TBG. & 5-1/2" LOC-SET PKR. TIH W/5-1/2" RBP, 2-7/8" SN & 227 JTS. OF 2-7/8" TBG. SET RBP @ 7,029'. CIRC. CSG. W/160 BFW. EST. INJ. RATE OF 2.5 BPM @ 600#. SI @ 600#. TOH W/227 JTS. FO TBG., SN, & 5-1/2" RETRIEVING HEAD. TIH W/5-1/2" FULLBORE PKR. SN, & 226 JTS. OF TBG. SET PKR. @ 6,992' & TST. RBP TO 1,500#. ISOLATED CSG. LEAK BETWEEN 6,868' TO 6,899'. TOH W/223 JTS. OF 2-7/8" TBG., SN, & 5-1/2" FULLBORE PKR. TIH W/5-1/2" RETRIEVING HEAD, MODEL E.A. RETRIEVAMATIC PKR, SN, & TBG. LATCHED ONTO RBP & MOVED TO 7,106' & SET PKR. @ 7,095'. TST. RBP TO 1,500#. HELD. MOVED PKR. TO 7,049' & EST. CIRC. OUT OF SHOT HOLE @ 7,090' TO 6,893' BEING BTM. OF SQZ'D. DRINKARD PERFS. EST. A RATE OF 3 BPM @ 600#. LATCHED ONTO RBP. TOH W/14 JTS. OF 2-7/8" TBG. LEFT 216 JTS. OF TBG. IN HOLE TO 6,687'. TOH W/216 JTS. TBG., SN, PKR., & RBP. RU ROTARY WIRELINE SVC. & TIH W/ALPHA CIBP. SET CIBP @ 7,104'. TOH & RD ROTARY WIRELINE SVC. TIH W/RETRIEVAMATIC PKR, SN, & 229 JTS. OF TBG. SET PKR. @ 7,092' & TST. CIBP TO 1,500#. PULL UP 1 JT. TBG. TO 7,054' & EST. CIRC. ON TBG. & COMM. W/HOLES @ 7,090' & 6,868'. TOH W/14 JTS. TBG. & SET PKR. @ 6,620' W/214 JTS. TBG. IN HOLE. LOAD CSG. & TST. TO 500#. EST. INJ. RATE INTO HOLES @ 7,090' & 6,868'. STARTED W/600# @ 1.5 BPM & IN 5 MINS. CLIMBED TO 950# @ 1 BPM. TOH W/214 JTS. TBG., SN, & PKR. TIH W/CMT. RETAINER, SN, & 214 JTS. TBG. SWINGING FREE @ 6,620'. TIH W/10 JTS. TBG. FOR A TOTAL OF 224 JTS. IN THE HOLE. RU HALLIBURTON CEMENTERS & PROTECHNICS. PUMPED 50 BBLS. FW DWN. TBG. & TOOL. SET CMT. RETAINER @ 6,926' & TST'D. TBG. TO 3,000#. EST. CIRC. & PUMPED 10 BBLS. FW. MIXED & PUMPED 27 BBLS. (115 SKS.) PREMIUM PLUS CMT. W/RA TAG MATERIAL & DISPLACED W/25 BBLS. FW. STUNG OUT OF RETAINER & PULLED 24 JTS. TBG. REVERSED OUT AT 6,179' W/A TOTAL OF 71 BBLS. FW. PULLED 34 ADDITIONAL JTS. CLOSED BOP RAMS & SQZ'D. 1.5 BBLS. (6.4 SKS.) INTO HOLES @ 7,090' & 6,868' IN 2 ATTEMPTS. MAX. PP-1,500#. CALC. TOC @ 6,243'. TOH W/166 JTS. TBG., SN, & SETTING TOOL. TIH W/BIT, BIT SUB, D.C.'S, SN, & 197 JTS. TBG. TAGGED TOC @ 6,273'. INSTALLED STRIPPER HEAD & PU POWER SWIVEL. DRLD. SOFT CMT. FR. 6,273' TO 6,621'. PULLED 20 JTS. TBG. TO 6,010'. TIH W/20 JTS. 2-7/8" TBG. FOR A TOTAL OF 209 JTS. IN THE HOLE. DRLD. HARD CMT. FR. 6,621'-6,923'. CIRC. CLEAN & TST'D. CSG. SQZ'D. DRINKARD PERFS. TO 1,000#. HELD OK FOR 15 MINS. CONT. DRILLING CMT. FR. 6,923'-6,926'. DRLD. CMT. RETAINER FR. 6,926'-6,928'. CONT. DRILLING CMT. RETAINER TO 6,930'. DRLD. HARD CMT. FR. 6,930'-7,100', & CIRC. CSG. CLEAN. TST. SQZ'D. (SHOT HOLE) @ 7,090' & SQZ'D. DRINKARD PERFS. TO 1,000#. HELD OK FOR 30 MINS. DRLD. CIBP @ 7,104'. CIBP TURNED LOOSE & FELL DWN. HOLE 8'. CONT. DRILLING @ 7,112'. DRLD. THRU CIBP & FOUND SOFT CMT. BELOW IT @ 7,113'. DRLD. SOFT CMT. FR. 7,113'-7,122' & CIRC. CSG. CLEAN @ 7,170 W/226 JTS. OF 2-7/8" TBG. IN THE HOLE. TIH W/20 MORE JTS. OF 2-7/8" TBG. TO 7,790'. PULLED 38 JTS. OF TBG. TO 6,611'. TOH W/208 JTS. OF TBG., SN, & LAID DWN. D.C.'S & BIT. RU SCHLUMBERGER WIRELINE SVC. & RU GAMMA RAY & CSG. COLLAR LOCATOR LOGS TO 7,810'. SCHLUMBERGER TOH W/WIRELINE & TOOLS. WAIT ON PERFORATING GUNS. SCHLUMBERGER TIH W/PERFORATING GUNS & COLLAR LOCATOR. SCHLUMBERGER'S COMPUTER MALFUNCTIONED. TOH W/GUNS & COLLAR LOCATOR. WAITING FOR REPAIRS. RU SCHLUMBERGER WIRELINE SVC. TIH W/PPG UI 4" CSG. GUNS & PERF'D. 5-1/2" CSG. FR. 7,118'-7,130' @ 2SPF. TOH W/WIRELINE & GUNS & RD SCHLUMBERGER. TIH W/5-1/2" E.A. RETRIEVAMATIC PKR, 2-7/8" SN, & 222 JTS. OF 2-7/8" TBG. SET PKR. @ 7,103'. OPENED BYPASS & CIRC. HOLE W/FW. RU AMERICAN FRACMASTER & SPOT 38 BBLS. OF NEFE HCL 15% ACID & CLOSED BYPASS ON PKR. PUMPED 81 ADDITIONAL BBLS. OF ACID & FLUSHED W/40 BBLS. OF FW. AVG. INJ. RATE WAS 2 BPM. MAX. PRESS.-1,400#. ISIP-1,200#. RD ACIDIZERS. OPENED WELL TO FRAC TANK. RU SWAB EQUIP. SWABBED WELL. WELL BEGAN TO FLOW. STRONG SHOW OF GAS. WELL CLOSED IN. FLOWED WELL ON A FULL OPEN CHOKE WITH A STRONG SHOW OF GAS FOR FOUR HRS. CLOSED FOR 3 HRS. TO HOOK UP TANKS. OPEN WELL. FLOWING. PUMPED 30 BBLS. OF FW DWN. TBG. & UNSEAT (CONTINUED)