

10/18/93
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CON. DIV.
POST. 3
MIRUSU 8/12/93. NDWH. NUBOP. TAGGED CMT @ 6255'. DRILL CMT TO LINER TOP OF 6665'. DRILLED 15' OF CMT IN LINER TOP. PRESSURE TEST TO 1000PSI. HELD. TIH AND TAGGED CMT @ 7200'. DRILL CMT TO FLOAT COLLAR @ 7217'. DRILLED FLOAT COLLAR AND PRESSURE TEST TO 1000 PSI. HELD. DRILLED CMT TO 7280'. CIRC HOLE CLEAN AND PRESSURE TEST TO 1000 SPI. HELD. TOH. RU WLE. RAN CBL CCL GR FROM 7280' TO 2600'. EST. CMT TOP 3920'. RD WLE. RU WIRE LINE AND RAN LOG FROM 7200' TO SURFACE. TIH WITH TBG TO 6752'. RU N2 EQUIP AND UNLOAD HOLE WITH 147 K SCF N2. TOH WITH TBG.

PERF: RU WLE AND RIH AND PERF CSG @ 7252' WITH 4 JSPF .25 HOLE. RIH AND SET CMT RET @ 7242'. RD WLE. TIH WITH STINGER AND STING INTO CMT RET @ 7242'. STUNG OUT OF CMT RETAINER. PRESSURE TEST CSG TO 1500 PSI. HELD. TOH. ND BOP AND SET BAKER LOCKSET PKR @ 7080'. NUWH. PRESSURE TEST PKR AND SEAL TO 500 PSI. HELD. PERF DK FROM 7216-7220' AND 7228-7232' WITH 4 JSPF .51 HOLE. RELEASED PKR. TIH TO LINER TOP @ 6670' TAGGED. TIH TO CMT RET SET @ 7242' AND TOH. RU WLE AND RIH AND SET RBP @ 7213'. ROH AND PRESSURE TEST TO 1500 PSI. HELD. RIH AND DUMPED 1/2 SX SAND ON RBP. NDBOP. RIH AND PERF DK WITH 1 JSPF .34 HOLE. PERF FROM 7182-7189', 7152-7156', 7124-7132', 7102-7107', AND 7076-7078'.

ALL TBG HYDROTESTED TO 6500 PSI. SET PKR @ 6692' AND LAND DONUT. PRESSURE TEST BACKSIDE TO 1500 PSI. HELD. PRESSURE TEST SURFACE LINES TO 7400 PSI. HELD. PMP 143 BBLS GEL WATER TO OBTAIN ISIP.

FRAC 7076' TO 7189'. PUMP 120,877 GALLONS 50#/M LINEAR GEL AND 142,748 POUNDS 20/40 OTTAWA SAND. AIP 5660 PSI. AIR 21.8 BPM.

SCREENED OUT ON 5 PPG SAND. 141,135 BBLS SAND IN FORMATION. AVERAGE RATE OF 23 BPM AT 5750 PSI. ND FRAC VALVE. NUBOPS.

RELEASE PKR. MAKE UP RET HEAD FOR PLUG AND START IN HOLE ON 2 3/8" TBG. RUN 229 JNTS. TAG FILL 7136'. PULL 9 STAND TO CLEAR LINER. TIH WITH 9 STANDS. TAG FILL 7136'. RIG IN HES N2 UNITS. CLEAN OUT TO 7213' USING N2 AND FOAM. LATCH ONTO PLUG AND RELEASE SAME. TOH. RIG IN HES WIRELINE. TIH TO RUN AFTER FRAC LOG. RIG DOWN WIRELINE. TIH. TAG SAND FILL 7194'. TOH. MAKE UP BAILER AND TIH ON 2 3/8" TBG. CLEAN 48' TO DEPTH OF 7242'. TOH WITH BAILER. RIG IN HES WIRELINE. RUN AFTER FRAC DUAL ISOTOPE LOG. RIG DOWN WIRELINE. TIH WITH 1/2 MULESHOE, 1 JNT 2 3/8" TBG, SEATING NIPPLE WITH X-OVER AND 227 JNTS TBG. LAND TBG 7161'. NDBOPS. NUWH. 09/21/93.