

MERIT ENERGY COMPANY DAILY WORKOVER REPORT

OPERATOR: MERIT ENERGY COMPANY
FIELD: SAND DUNES WEST
WELL: POKER LAKE STATE 32 #5
OBJECTIVE: ADD UPPER BRUSHY
AFE#/AMT: 476/\$73,000
WI/NL: .5/.4375

10/24/93 MIRU WSU. UNSET PUMP. POOH W/RODS & PUMP. RU HOT OILER PUMP 35 BBLs HOT OIL DN TBG. ND WELLHEAD, RELEASE TAC, NU BOP. POOH W/TBG. RU KILL TRUCK. PUMP 75 BBLs, PRODUCED H2O DN CSG TO KILL GAS. RIH W/BIT & SCRAPER, POOH W/SAME. RU COMPUTER LOG. CORRELATE W/CASED HOLE LOGS & PERF 2 SPF 7490', 7494', 7496', 7500', 7504', 7508', 7512', 7516', 7520', & 7526'. RD PERFS. SIFD.
 DC \$5,670 TCTD= \$5,670

10/25/93 PU 5 1/2" LOK-SET RBP & 2 JTS TBG THEN 5 1/2" MODEL R DG. TIH TESTING TBG. 6500#. SET RBP @ 7598' & PKR @ ???. NO TEST, TEST BACKSIDE OK. MOVE RBP TO 7620' & PKR @ 7558. NO TEST. HAD TROUBLE GETTING ON & RELEASING RBP. POOH W/TOOLS, PKR & RBP COVERED W/ CMT & SCALE. TIH W/ 5 1/2" SCRAPER TO 7700' & POOH. PU NEW LOK-SET RBP, 2 JTS TBG & NEW 5 1/2" MODEL R DOUBLE-GRIP. TIH, SET RBP @ 7620' & PKR @ 7558. NO TEST. MOVE RBP & SET @ 7670' & PKR @ 7595'. TEST 2100#. PU EOT @ 7530'. SPOT 2 BBLs ACID ACROSS PERFS. PU PKR, WOULD NOT SET @ 7365', 7333', 7302'. SET @ 7270' W/ EOT @ 7334' PSI BACKSIDE 500#. RU ON TBG, BREAK DOWN PERFS 7490' TO 7526'. PUMP AWAY SPOT ACID. BREAK DOWN @ 1600#. FINAL RATE 2.5 BPM @ 1350#. ISIP 120# VACCUM IN 20 SECONDS. (COULD NOT SPOT REMAINING ACID) PUMP 34 BBLs 15% NEFE ANTI-SLUDGE ACID @ 2.8 BPM @ 1700#. FLUSH W/45 BBLs 2% KCL ACID ON FORMATION 4.0 BPM @ 1200#. 5.0 BPM @ 1300# W/10 BBLs ACID IN FORMATION 6.0 BPM @ 1850 W/20 BBLs ACID IN FORMATION. FINAL RATE BEFORE SHUT DOWN 6.5 BPM @ 1600#. ISIP 50# - VACCUM IN 15 SECONDS. RD ACID ENGINEERING & RU TO SWAB. (FLUID LEVEL 2100' FROM SURFACE. SWAB TO SN @ 7625' IN 4 RUNS 6 HOURLY RUNS 500' FLUID ENTRY/HR. TOTAL RECOVERED 35 BBLs. LAST RUN TRACE OF OIL. TOTAL LOAD TO RECOVER 477 BBLs.
 DC \$11,508 TCTD= \$17,178

10/26/93 RU BJ SERVICES, HAVE SAFETY MEETING. DUMP 2 SX SAND ON RBP. PSI BACKSIDE 500#. RU ON TBG, TEST LINES. FRAC AS STATED ON PROCEDURE. PUMPED TOTAL OF 956 BBLs. PUMP 1-8# 16/30 OTTAWA SAND. TOTAL OF 77,420#, 8# 12/20 RESIN COATED SAND. AVERAGE RATE 11.9 BPM. AVERAGE PSI 2200#. ISIP 600#. FORCE CLOSE FORMATION IN 38 MINUTES. TBG PSI 189.
 5 MIN 450#
 10 MIN 420#
 15 MIN 340#. SION.

10/27/93 TBG ON VACCUM. SWAB. FLUID LEVEL 4000'/SURFACE. TOTAL RECOVERY 142 BBL. 85 BO; 57 BW. SION.

10/28/93 SI PSI 200.
 DC \$1,855 TCTD= \$54,565

10/29/93 OPEN WELL. NO FLOW. FLUID LEVEL 2100' FROM SURFACE. MADE 6 SWAB RUNS & SWAB TO SEAT NIPPLE. 35 BBLs TOTAL RECOVERY, 20 ;BO; 15 BW. RELEASE PKR & POOH. PU RETRIEVING HEAD & TIH TO CLEAN OUT, SAND & RETRIEVE RBP EOT @ 7300'. RU REVERSE UNIT & CUDD NITROGEN. BREAK CIRCULATION, RUN 90' ALMOST 10 CIRCULATION. RUNNING LOW ON NITROGEN. PU ABOVE PERFS & CIRC UNTIL WE RUN OUT OF NITROGEN. SDON.
 DC \$6,372.45 TCTD= \$60,937.45

10/30/93 CIRC. HOLE W/NITROGEN @ RATE OF 700 CUBIC FT. RU REVERSE UNIT & PUMP WTR @ RATE OF 1/2 BBLs/MIN. UNABLE TO MAINTAIN CIRCULATION. RAISE NITRO RATE TO 900 & DECREASE WTR TO 1/3