

GRAHAM RESOURCES, INC.
WORKOVER REPORT

OPERATOR: GRAHAM ROYALTY, LTD.
FIELD: SOUTHEAST LEA
WELL NAME: SOUTHEAST LEA UNIT #3
CO/PH/ST: LEA COUNTY, NEW MEXICO
EIC: JASON C. SIZEMORE
ACTIVITY: RECOMPLETE FROM MORROW TO WOLFCAMP
FUND: PB 10-17, PRIP II, III, IV
AFE #: 5423
W.I.: 0.451388%
EST. COST: \$27,400

SUMMARY OF OPERATIONS

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11/15/90 MIRU CLARK WELL SERVICE. ND WELLHEAD. NU BOP. RELEASE
PKR. START OUT OF HOLE W/ 2-3/8" TBG. SDFN.
DC \$1,230 TCTD \$1,230

11/16/90 FINISH TOH W/ TOTAL OF 410 JTS 2-3/8" TBG, ON/OFF TOOL, "F"
NIPPLE, PKR. MIRU WEDGE WL. TIH W/ GAUGE RING AND JUNK
BASKET TO 12,950'. OK. TIH AND SET CIBP @ 12,900'. LOAD
CSG W/ 265 BBLS OF FRESH WTR. PRESS TST TO 750 PSI. HELD.
CAP CIBP W/ 5 SX CMT. START IN HOLE W/ VANN ASSEMBLY, BAKER
LOK-SET PKR, ON/OFF TOOL ON 2-3/8" TBG. SDON.
DC \$3,101 TCTD \$4,331

11/17/90 FINISH TIH W/ 50' X 3-3/8" CSG GUN, 4' X 2-3/8" SUB, 1 JT
2-3/8" N-80, FILL DISC, 1 JT 2-3/8" N-80, 4-1/2 BAKER
LOC-SET PKR, 10' X 2-3/8" SUB, 1.78 I.D. "F" NIPPLE, 10' X
2-3/8" SUB, ON-OFF TOOL, 1.875 I.D., 1 JT 2-3/8" N-80, 6' X
2-3/8" SUB W/ MARKER, ON 357 JTS 2-3/8 N-80 TUBING, 6' X
2-3/8" SUB, 1 JT 2-3/8" N-80 TBG. RU WEDGE WL. TIH W/
GAMMA RAY & CORRELATE PERFORATING DEPTH TO SCHLUMBERGER DUAL
LATEROLOG MICRO-SFL DATED 12/8/82. SET 4-1/2" BAKER PKR @
11,317' W/ 12,000# COMPRESSION. RELEASE FROM ON-OFF TOOL.
CIRCULATE HOLE W/ PACKER FLUID. LATCH ONTO ON-OFF TOOL.
PRESSURE CSG TO 700 PSI. OK. SDON.
DC \$7,026 TCTD \$11,357

11/18/90 TIH W/ GAMMA RAY LOG. CORRELATE PERFORATING DEPTHS TO
SCHLUMBERGER DUAL LATEROLOG MICRO-SFL DATED 12/8/82. RD
WEDGE WL. ND BOP. NU TREE. SWAB FL TO 8,700'. DROP BAR
PERFORATE WOLFCAMP ZONE @ 11,390'-396', 11,404'-410',
11,412'-414', 11,416'-418', 11,422'-440' W/ 4 JSPF W/ NO
BLOW. 5 MIN WEAK BLOW. TIH W/ SWAB FL @ 8,700'. PULL FROM
9,500'. SECOND SWAB RUN FL @ 8,700' PULL FROM 10,000'. REC
3 BBLS WTR W/ FAIR GAS BLOW WHILE PULLING SWAB. GAS DIED
AFTER SWAB RUN.
DC \$20,092 TCTD \$31,449

11/19/90 15 HR. SITP 180 PSI.

11/20/90 39 HR SITP 370# AND FL 8,000'.