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\* 7/ 8/82 CAPE GORELL # 1  
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466511

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\*BIT HEADING :BIT # 20  
\*BIT TYPE :INSERT \*  
\*BIT IDENTITY :SMITH F2 \*  
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\*BIT SIZE : 12.25 INCH \*  
\*BIT COST : 8557. \$ RIG COST/HR: 3646. \*  
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\*NOZZLES : 16 16 16 /32NDS @ 95 % EFFICIENCY \*  
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\*DEPTH IN : 7001.70 FEET 6/ 8/82 \*  
\*DEPTH OUT : 7093.00 FEET 7/ 8/82 \*  
\*FOOTAGE : 91.30 FEET \*  
\*TOTAL REVOLUTIONS : 12 \*  
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\*DRILLING TIME: 2:16 HR AVERAGE ROP: 40.25 FT/HR \*  
\*TIME IN HOLE : 20:50 HR AVERAGE ROP: 4.30 FT/HR \*  
\*TRIP TIME : 6: 0 HR \*  
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\*DRILLING COST STANDARD : 1165.1 \$/FT \*  
\*DRILLING COST ON BOTTON : 423.9 \$/FT \*  
\*DRILLING COST MINIMUM : 389.6 \$/FT \*  
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\* AVERAGE OVER THE RUN AVERAGE HYDRAULICS \*  
\*WEIGHT ON BIT : 27.07 KLBS NOZZLES SPEED : 294.87 FT/S \*  
\*ROTATION : 87.62 RPM PRESSURE DROP : 710 PSI \*  
\*FLOW RATE : 541.01 GPM HYDRAULIC POWER: 226.72 H.P \*  
\*STAND PIPE PRESSURE: 1743 PSI \*  
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