
* BIT # 7 SEQ NBR: 6 *

* STARTING DEPTH 2067.00 FEET *

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* BIT DATA SIZE 12.25 *

* ----- TOOTH SMITH SDGH *

* NOZZLES 20 20 20 @ 95 % EFFICIENCY *

* DRILL STRING* TYPE * NBR * LENGTH * ID OD * NOMINAL LINEAR *

* SECTION * * FEET * INCHES * WEIGHT (LB/F) *

* 1 * DRILL PIPE * 37 * 30.00 * 4.28 5.00 * 19.50 *

* 2 * HEAVY WGT DP * 1 * 456.09 * 3.00 5.00 * 49.30 *

* 3 * DRILL COLLAR * 1 * 402.19 * 2.81 7.75 * 139.16 *

* HOLE * ID * DEPTH (FEET) *

* * INCHES * TOP BOTTOM *

* RISER * 16.75 * .00 301.00 *

* CASING * 18.75 * 301.00 1393.00 *

* OPEN HOLE 1 * 12.25 * 1393.00 2067.00 *

* COST DATA BIT COST 2874 \$ RIG COST 3646 \$/HR *

* ----- TRIP TIME 5.00 HRS *

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* WEIGHTS HOOK LOAD OFF BOTTOM 192.8 KLBS *

* ----- STRING WEIGHT IN AIR 111.3 KLBS *

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* VOLUMES ANNULUS 401.30BBL IN PIPES 27.00BBL *

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* DEVIATION 1.0 DEG 1.75FT / 100FT *

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* HYDRAULICS NOMINAL ANNULUS PRESSURE LOSSES AT 10 DBL/MN : 1 PSI *

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* BIT WEAR TYPE EXPONENT .6 *

* ----- EXPECTED: RUN LENGTH 1000 FEET TEETH WEAR 4 /8TH *

466345