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|---|---|
| COMPANY: | MECHANICAL ENERGY CORPORATION |
| FIELD: | |
| STATE: | OREGON |
| COUNTY: | COLUMBIA |
| WELL: | |
| API NO: | 36-009-00000 |
| LOCATION: | 1224' FSL & 1224' FWL |
| SEC: | 36 |
| TWP: | 2N |
| RGE: | 1W |
| PERM. DATUM: | GL |
| ELEV.: | K.B. 1224.0 |
| LOG MEASURED FROM: | K.B. 10.0 ABOVE PERM. DATUM |
| DRILL. MEASURED FROM: | K.B. |
| DATE: | 10-20-2010 |
| RUN NO.: | ONE |
| DEPTH-DRILLER: | 3000 |
| DEPTH-LOGGER: | 3000 |
| BTM. LOG INTERVAL: | 3000 |
| TOP LOG INTERVAL: | 0 |
| CASING-DRILLER: | 9.625 @ 0 |
| CASING-LOGGER: | 9.625 @ 0 |
| BIT SIZE: | 7.875 |
| TYPE FLUID IN HOLE: | GEL-WATER |
| DENSITY: | 9.0 LB/G |
| VISCOSITY: | 45.0 S |
| PH: | 9.5 |
| FLUID LOSS: | 8.0 ml/30 |
| SOURCE OF SAMPLE: | MUD PIT |
| RM@ MEASURED TEMP: | 0.570 OHMM AT 56.0 DF |
| RMF@ MEASURED TEMP: | 0.460 OHMM AT 56.0 DF |
| RMC@ MEASURED TEMP: | 0.310 OHMM AT 56.0 DF |
| SOURCE RMF/RMC: | MEASURED/CALCULATED |
| RM @ BHT: | 0.270 OHMM AT 75.0 DF |
| RMF @ BHT: | 0.184 OHMM AT 75.0 DF |
| RMC @ BHT: | 0.410 OHMM AT 75.0 DF |
| TIME CIRC. STOPPED: | 0730 |
| TIME LOGGED ON BTM.: | 1030 |
| MAX. REC. TEMP: | 75.0 DF |
| LOGGING UNIT NO: | 8014 |
| LOGGING UNIT LOC: | BEAVERTON |
| RECORDED BY: | DOLLING |
| WITNESSED BY: | BRUCE |

REMARKS:

EQUIPMENT NUMBERS:

| | | |
|---|---|---|
| ILS 375 | ILC 592 | MCS 305 | SLN 303 |

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET FORTH IN OUR CURRENT PRICE SCHEDULE.

FILE

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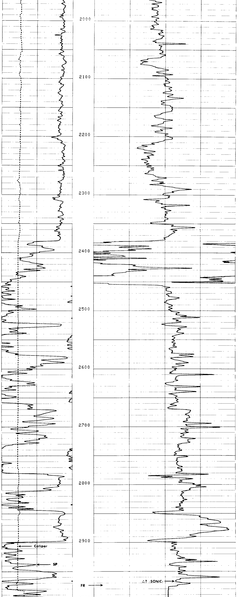
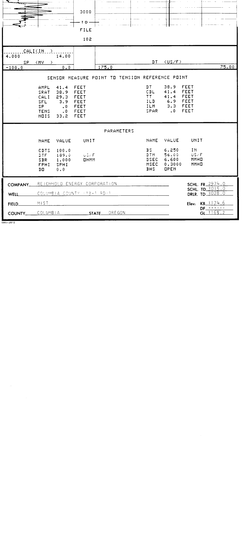



FILE

102




DENSITY MEASURE POINT TO TENSION REFERENCE POINT

| | | | |
|---|---|---|---|
| APD: | 41.0 FEET | DT: | 39.0 FEET |
| GRAT: | 38.9 FEET | CBL: | 41.0 FEET |
| CALI: | 39.2 FEET | TT: | 41.0 FEET |
| SP: | 3.9 FEET | LLD: | 5.3 FEET |
| TEMP: | 3.9 FEET | LLS: | 5.3 FEET |
| TENS: | .0 FEET | SPAR: | .0 FEET |
| MDII: | 33.0 FEET | | |

PARAMETERS

| NAME | VALUE | UNIT | NAME | VALUE | UNIT |
|---|---|---|---|---|---|
| CBTC: | 100.0 | | BS: | 6.250 | IN |
| TTF: | 195.0 | US/F | STN: | 94.000 | US/F |
| IBR: | 1.000 | OHMM | DIEC: | 6.600 | MMHO |
| SPR: | 5.000 | | DIEW: | 1.000 | MMHO |
| SPN: | 2.0 | | BHS: | OPEN | |

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|---|---|
| COMPANY: MECHANICAL ENERGY CORPORATION | SCHL FN: 2837-0 |
| WELL: COLUMBIA COUNTY 12-1 SD-1 | SCHL NO: 2837-0 |
| | DATE TD: 2010-10-20 |
| FIELD: WILDCAT | Elev: KB: 1224.0 |
| | DF: 1224.0 |
| COUNTY: COLUMBIA STATE: OREGON | GL: 1214.0 |