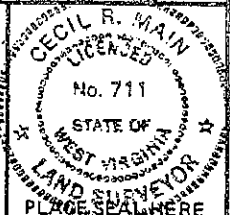


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION ALLEGHENY LAND and MINERAL CO. A-1096
 ELEV. 3040'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Cecil R. Main
 R.P.E. _____ L.L.S. 711



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

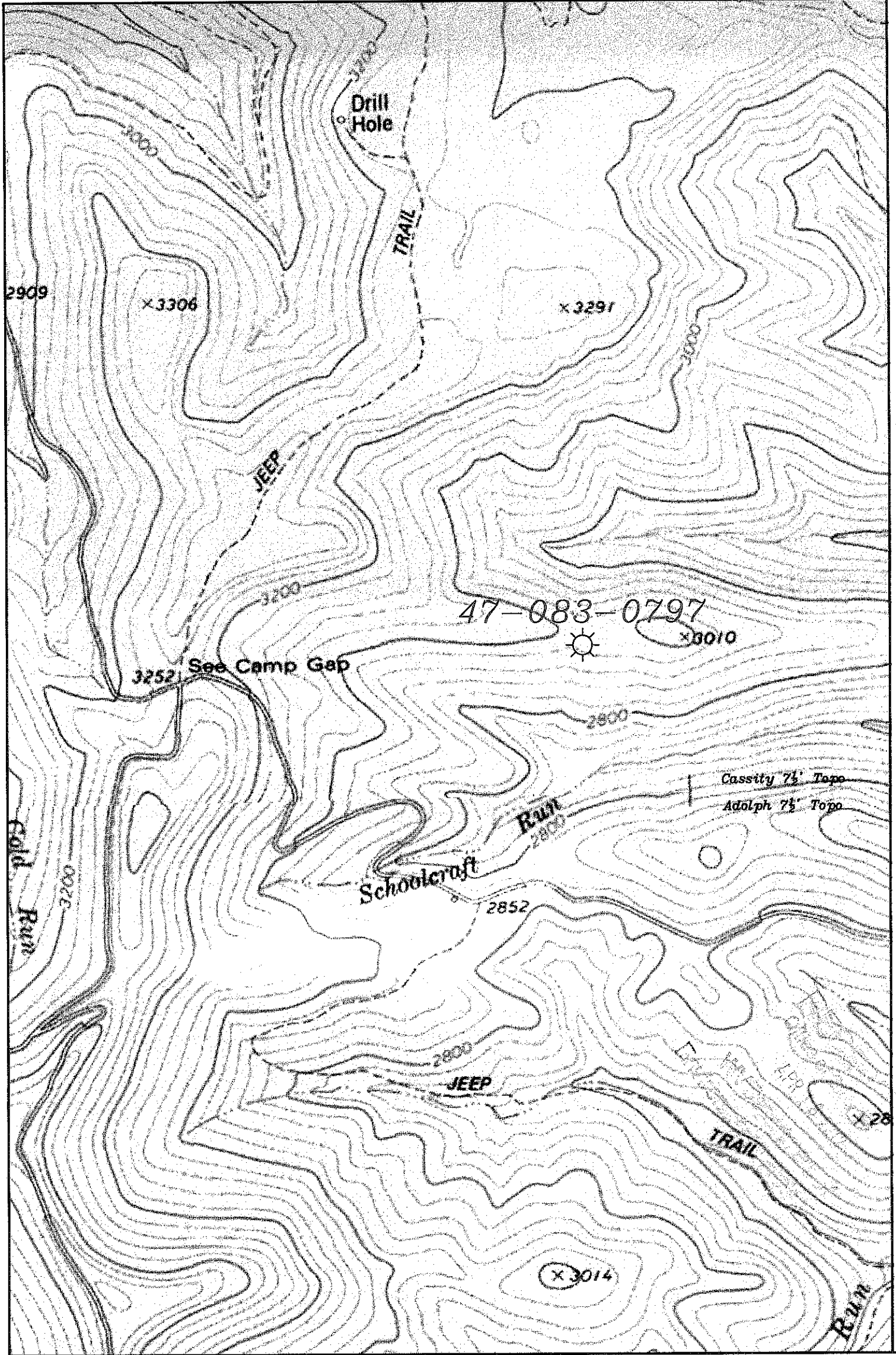


DATE JUNE 17, 19 83
 OPERATOR'S WELL NO. RANDOLPH #19
 API WELL NO. A-1393
47 - 083 - 07978
 STATE COUNTY PERMIT

(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 2969' WATER SHED SCHOOLCRAFT RUN
 DISTRICT MIDDLE FORK COUNTY RANDOLPH
 QUADRANGLE CASSITY T.5
 SURFACE OWNER WESTVACO ACREAGE 9757 Ac.
 OIL & GAS ROYALTY OWNER HARRY McMULLAN, JR. ESTATE LEASE ACREAGE 9757 Ac.
 LEASE NO. 2126
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION ELK ESTIMATED DEPTH 5500'
 WELL OPERATOR ALLEGHENY LAND and MINERAL CO. DESIGNATED AGENT DANIEL L. WHEELER
 ADDRESS P.O. Box 1740 ADDRESS P.O. Box 1740
CLARKSBURG, WEST VIRGINIA 26302-1740 CLARKSBURG, WEST VIRGINIA 26302-1740

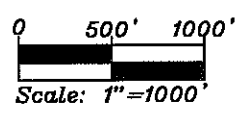
APR 18 2012

83 00797P



WELL: RANDOLPH #19 A-1393
 PERMIT #: 47-083-0797
 QUAD: CASSITY 7 1/2'
 DISTRICT: MIDDLE FORK
 COUNTY: RANDOLPH
 STATE: WEST VIRGINIA

GEOGRAPHIC NAD27
 Latitude: 38.754087
 Longitude: 80.085842
 UTM NAD83 (Meters)
 4289896.7 N
 579450.2 E




Chesapeake
 ENERGY
 P.O. Box 18496 Oklahoma City, OK 73154-0496

05/04/2012