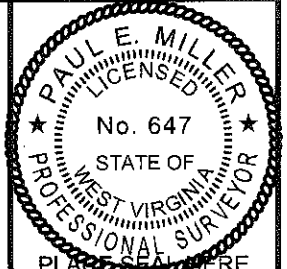


SURFACE HOLE
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 598,742.00 : E - 1,913,833.54
LATITUDE: (N) 38.6439027 LONGITUDE: (W) 81.3016816
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,277,314.757 : E - 473,760.288

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 801045 P&A.DGN
 DRAWING NO. 1045 P&A
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION MAPPING GRADE GPS

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 ENVIRONMENTAL PROTECTION.
 (SIGNED) Paul E. Miller
 R.P.E. _____ L.L.S. 647



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION



DATE JULY 18, 20 12
 OPERATOR'S WELL NO. 801045
 API WELL NO. 47 087 02299P
 STATE COUNTY PERMIT

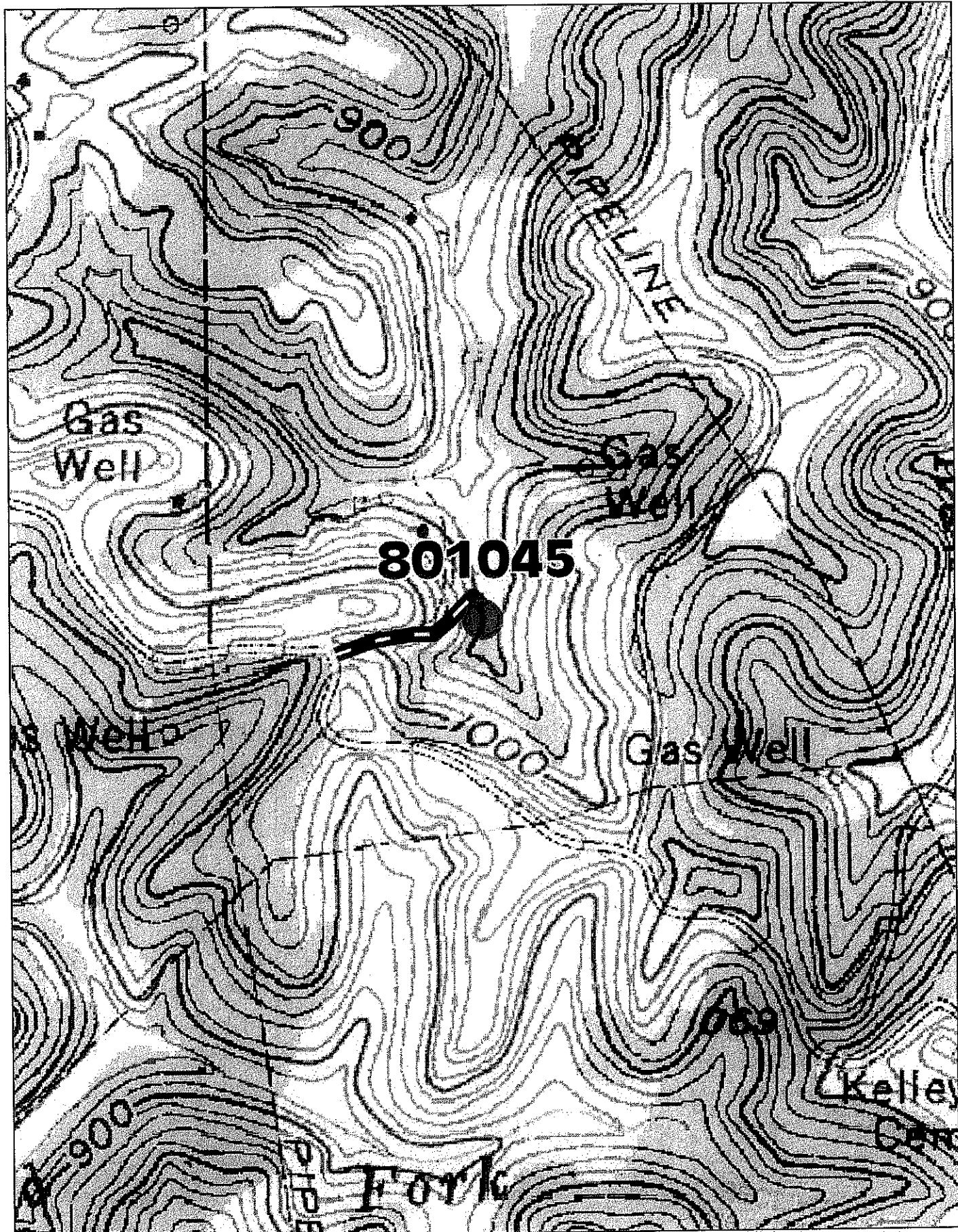
WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 925' WATER SHED CRANESNEST RUN
 DISTRICT SMITHFIELD COUNTY ROANE
 QUADRANGLE LOONEYVILLE, WV 7.5'
 SURFACE OWNER MATTHEW BELFORD, ET. AL. ACREAGE -
 OIL & GAS ROYALTY OWNER BETTY LOU PAXTON, ET. AL. LEASE ACREAGE 53.75
 LEASE NO. 1-011701-000

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON X CLEAN OUT AND REPLUG ___
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR CHESAPEAKE APPALACHIA, L.L.C. DESIGNATED AGENT ERIC GILLISPIE
 ADDRESS PO BOX 18496, OKLAHOMA CITY, OK 73154-0496 ADDRESS PO BOX 6070, CHARLESTON, WV 25362

COUNTY NAME
 PERMIT

87-02299P



DE LORME
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 Zoom Level: 14-0 Datum: NAD27

Scale: 1" = 6400'
 11 - 522 A

0 200 400 600 800 1000
 0 60 120 180 240 300

JUL 2 2012

TN
 MN
 73°W

Department of Natural Resources