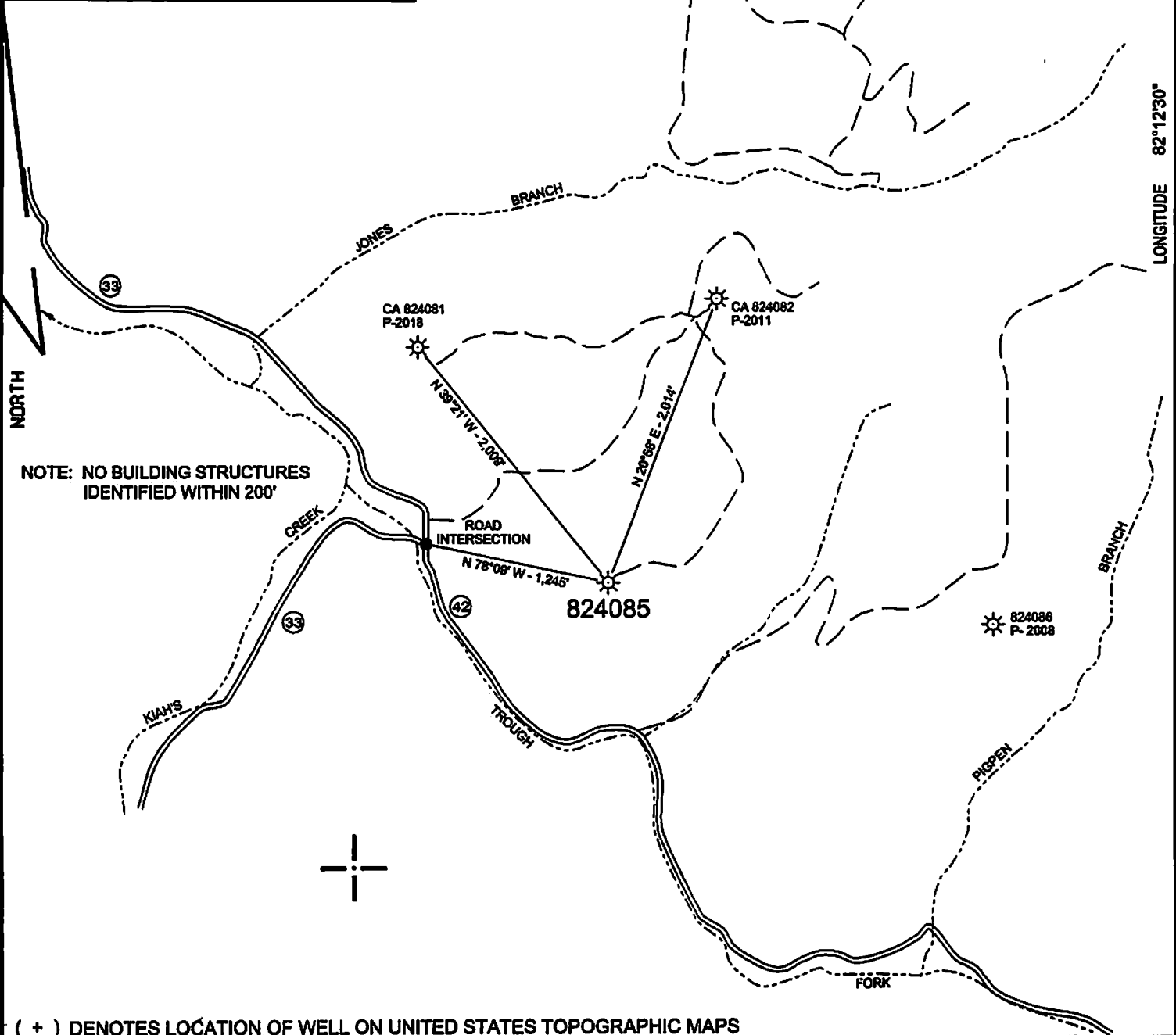


SURFACE HOLE
 STATE PLANE WV
 SOUTH ZONE NAD 1927
 N - 382,869.68 : E - 1,641,060.41
 LATITUDE: (N) 38.0448492
 LONGITUDE: (W) 82.2464649
 UTM, NAD83
 17 - 84W TO 78W, METERS
 N - 4,211,534.672 : E - 390,640.380

NOTE: ALL WELLS IDENTIFIED
 WITHIN 2400' ARE SHOWN

LATITUDE 38°05'00"



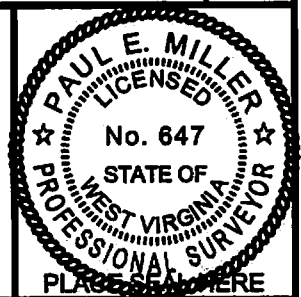
NOTE: NO BUILDING STRUCTURES
 IDENTIFIED WITHIN 200'

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

FILE NO. 824085 P&A.DGN
 DRAWING NO. 24085 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 REGU-
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT 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 DECEMBER 06, 20 13
 OPERATOR'S WELL NO. 824085
 API WELL NO.

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1,050' WATER SHED TROUGH FORK OF KIAH CREEK
 DISTRICT STONEWALL COUNTY WAYNE
 QUADRANGLE RANGER, WV 7.5'

SURFACE OWNER HEARTWOOD FORESTLAND FUND III ACREAGE -
 OIL & GAS ROYALTY OWNER CHESAPEAKE APPALACHIA, L.L.C. LEASE ACREAGE -
 LEASE NO. _____ FEE LAND _____

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 ENERGY DESIGNATED AGENT ERIC B. GILLISPIE
 ADDRESS P. O. BOX 18498 OKLAHOMA CITY, OK 73154-0498 ADDRESS CHESAPEAKE APPALACHIA, L.L.C. PO BOX 6070, CHARLESTON, WV 25382

03/21/2014

FORM WW-6

COUNTY NAME

PERMIT

CHESAPEAKE APPALACHIA, L.L.C.

99 02019 F

Topographical Map of Access and

Well Location 824085

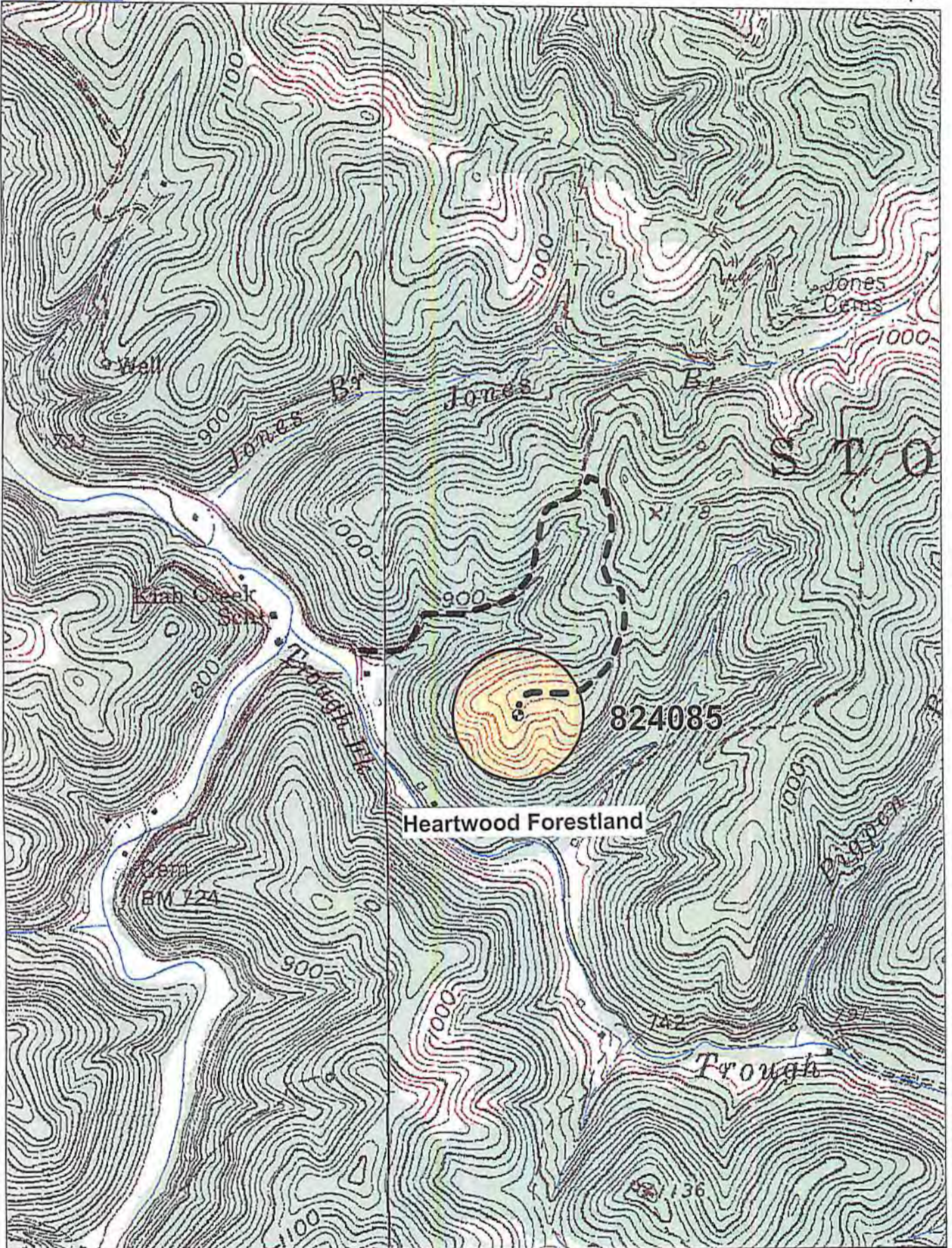
API 47-099-02019

Field Office - Branchland

County - Wayne

DELORME

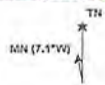
XMap® 7



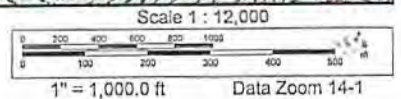
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Received



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 P.O. Box 579 • 8165 Court Avenue • Charleston, WV 25323
 304.824.5141 • fax 304.824.2247
 WV Dept. of Environmental Protection

03/21/2014