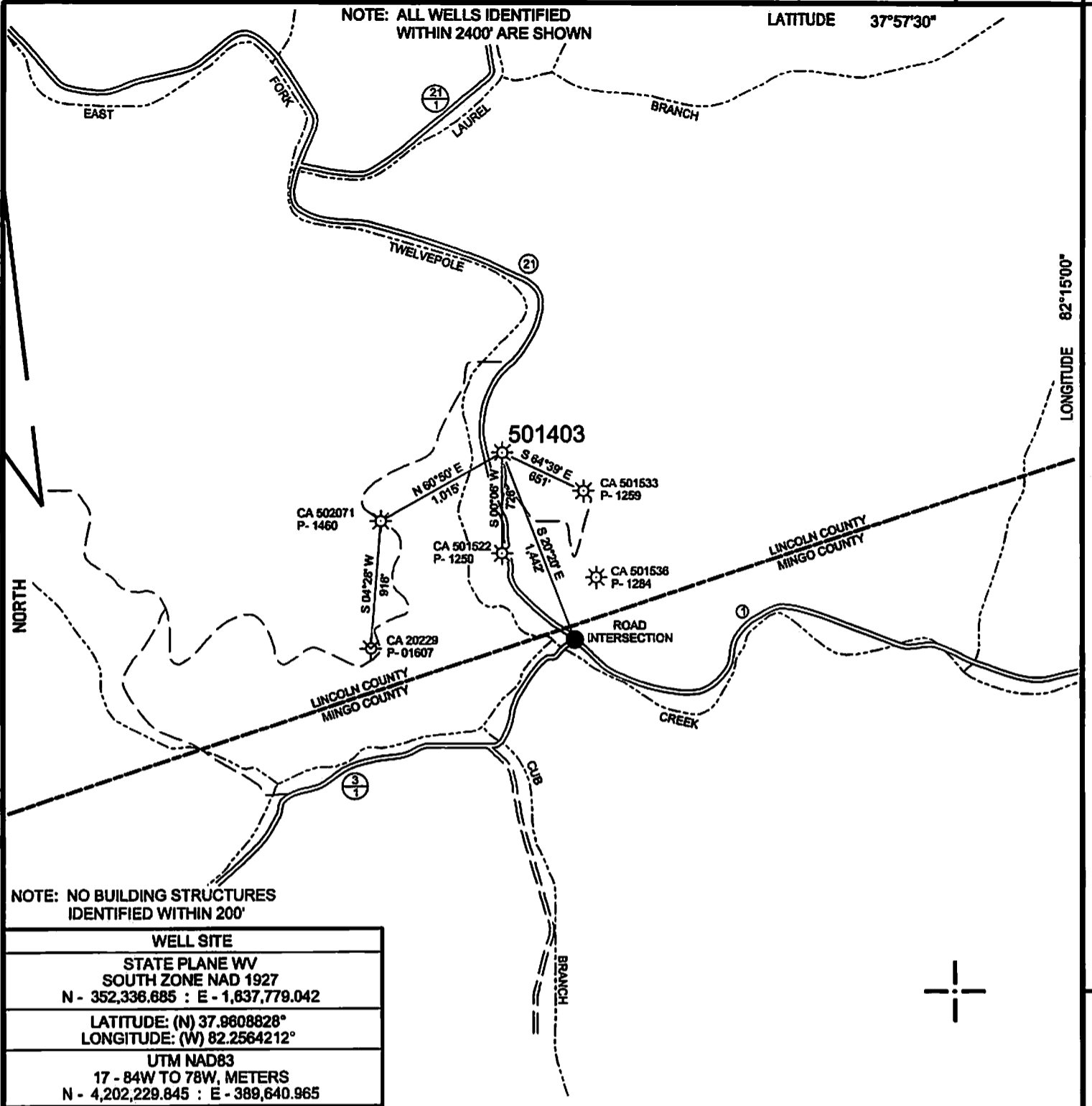


1,852'

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

LATITUDE 37°57'30"



LONGITUDE 82°15'00"

14,228'

NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

WELL SITE
STATE PLANE WV SOUTH ZONE NAD 1927 N - 352,336.685 : E - 1,637,779.042
LATITUDE: (N) 37.9808828° LONGITUDE: (W) 82.2564212°
UTM NAD83 17 - 84W TO 78W, METERS N - 4,202,229.845 : E - 389,640.965

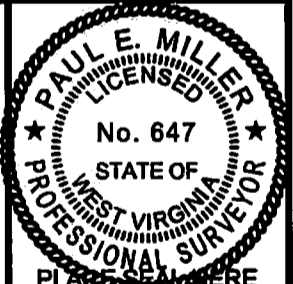
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. CA501403P&A.DGN
DRAWING NO. CA501403P&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 REVISED MARCH 04, 20 14
OPERATOR'S WELL NO. 501403
API WELL NO.

47 043 0117 P
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 910' WATER SHED EAST FORK OF TWELVEPOLE CREEK
DISTRICT HART'S CREEK COUNTY LINCOLN
QUADRANGLE WILSONDALE, WV 7.5'

SURFACE OWNER KED AND GAIL MESSER 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 CLEAN OUT AND REPLUG _____
TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR CHESAPEAKE APPALACHIA, L.L.C. DESIGNATED AGENT ERIC B. GILLESPIE
ADDRESS P.O. BOX 18486, OKLAHOMA CITY, OK 73154-0486 ADDRESS CHESAPEAKE APPLACHIA, L.L.C. PO BOX 6070, CHARLESTON, WV 25362

03/21/2014

FORM WW-6

COUNTY NAME

PERMIT

CHESAPEAKE APPALACHIA, L.L.C.

430117P

Topographical Map of Access and

Well Location 501403

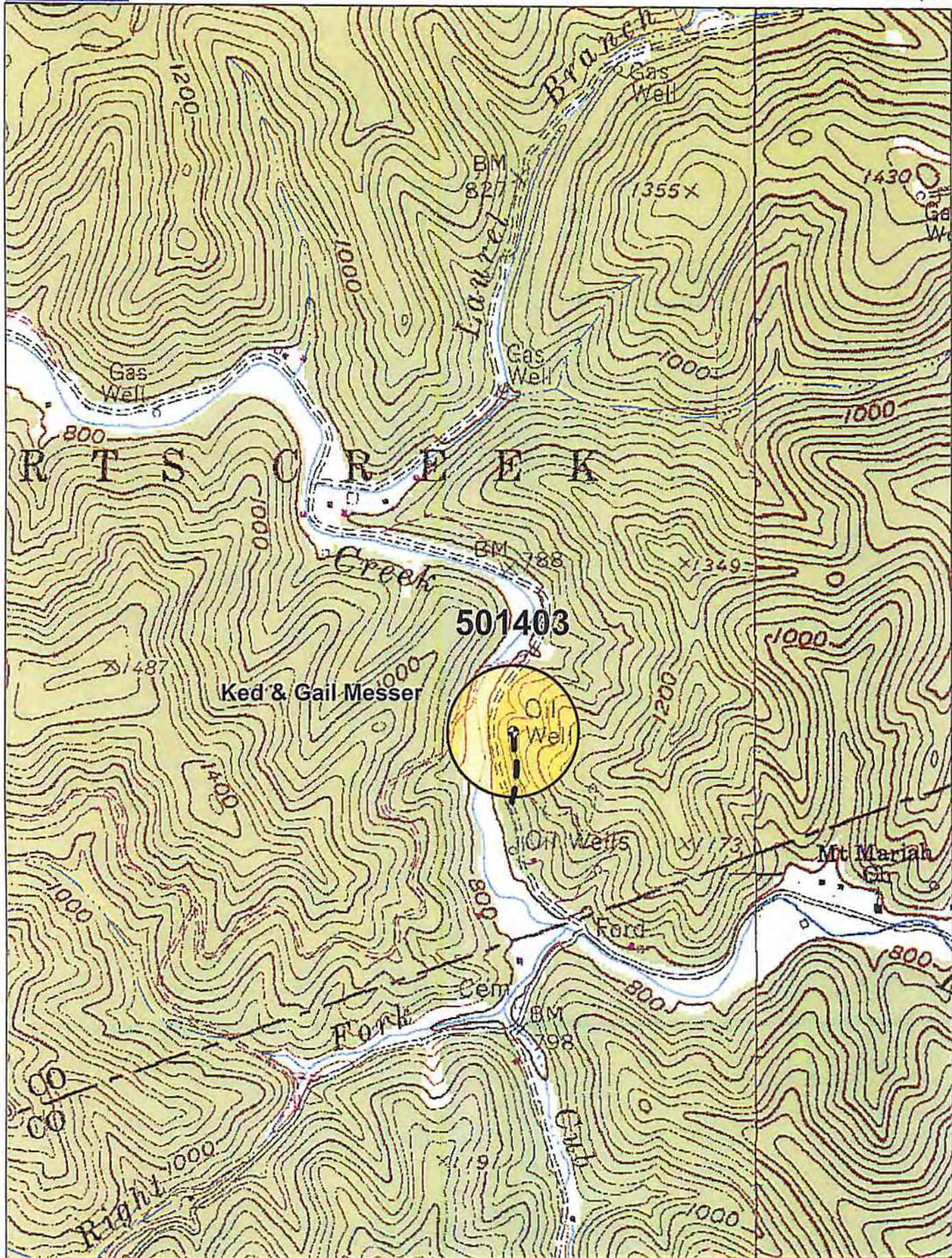
API 47-043-1117

Field Office - Branchland

County - Lincoln



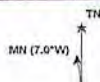
XMap® 7



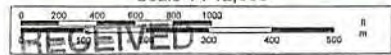
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www.delorme.com



Scale 1 : 12,000



Office of Oil and Gas

MAR 07 2014

Chesapeake Energy Corporation - Eastern Division
 P.O. Box 579 • 8165 Court Avenue • Hamlin, WV 25523
 304.824.5141 • fax 304.824.2247

WV Department of
 Environmental Protection

03/21/2014