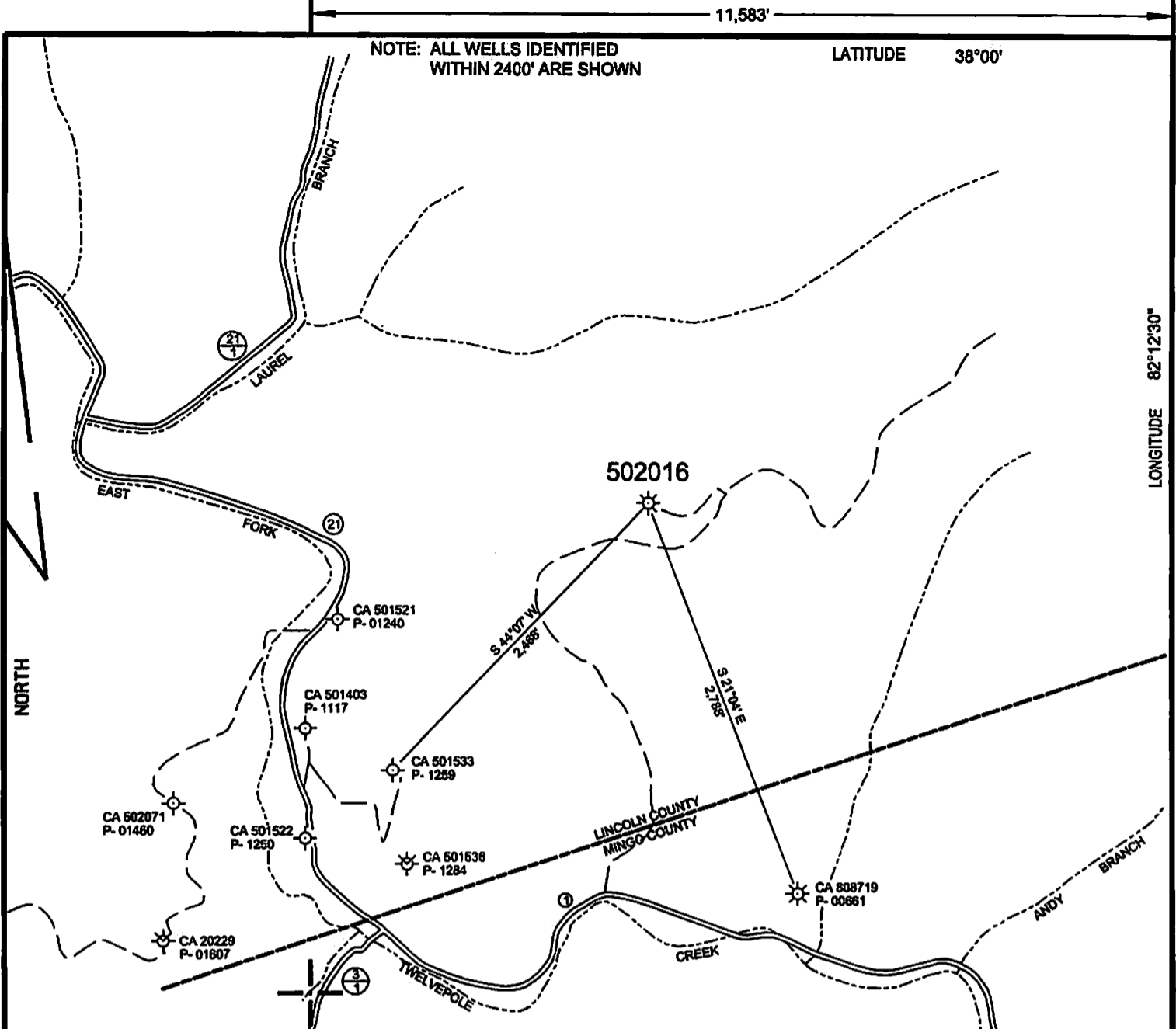


NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

LATITUDE 38°00'



WELL SITE
STATE PLANE WV SOUTH ZONE NAD 1927 N - 353,830.189 : E - 1,640,085.229
LATITUDE: (N) 37.9650697° LONGITUDE: (W) 82.2484926°
UTM NAD83 17 - 84W TO 78W, METERS N - 4,202,685.046 : E - 390,343.744

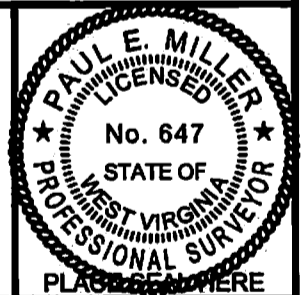
NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

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

FILE NO.	502016P&A.DGN
DRAWING NO.	502016P&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 FEBRUARY 3, 20 14
OPERATOR'S WELL NO. 502016
API WELL NO.

47 043 01316 P
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1,123' WATER SHED EAST FORK OF TWELVEPOLE CREEK

DISTRICT HARTS CREEK COUNTY LINCOLN

QUADRANGLE TRACE, WV 7.5'

SURFACE OWNER KENNETH FERGUSON ACREAGE 275

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 18496, OKLAHOMA CITY, OK 73154-0496 ADDRESS CHESAPEAKE APPALACHIA, L.L.C. PO BOX 6070, CHARLESTON, WV 25362

03/21/2014

FORM WW-6

COUNTY NAME PERMIT

Topographical Map of Access and

Well Location 502016

API 47-043-01316

Field Office - Branchland

County - Lincoln



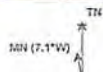
XMap® 7



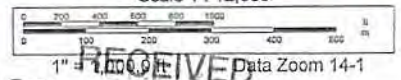
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www.delorme.com



Scale 1 : 12,000



1" = 1000 ft Data Zoom 14-1

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

03/21/2014