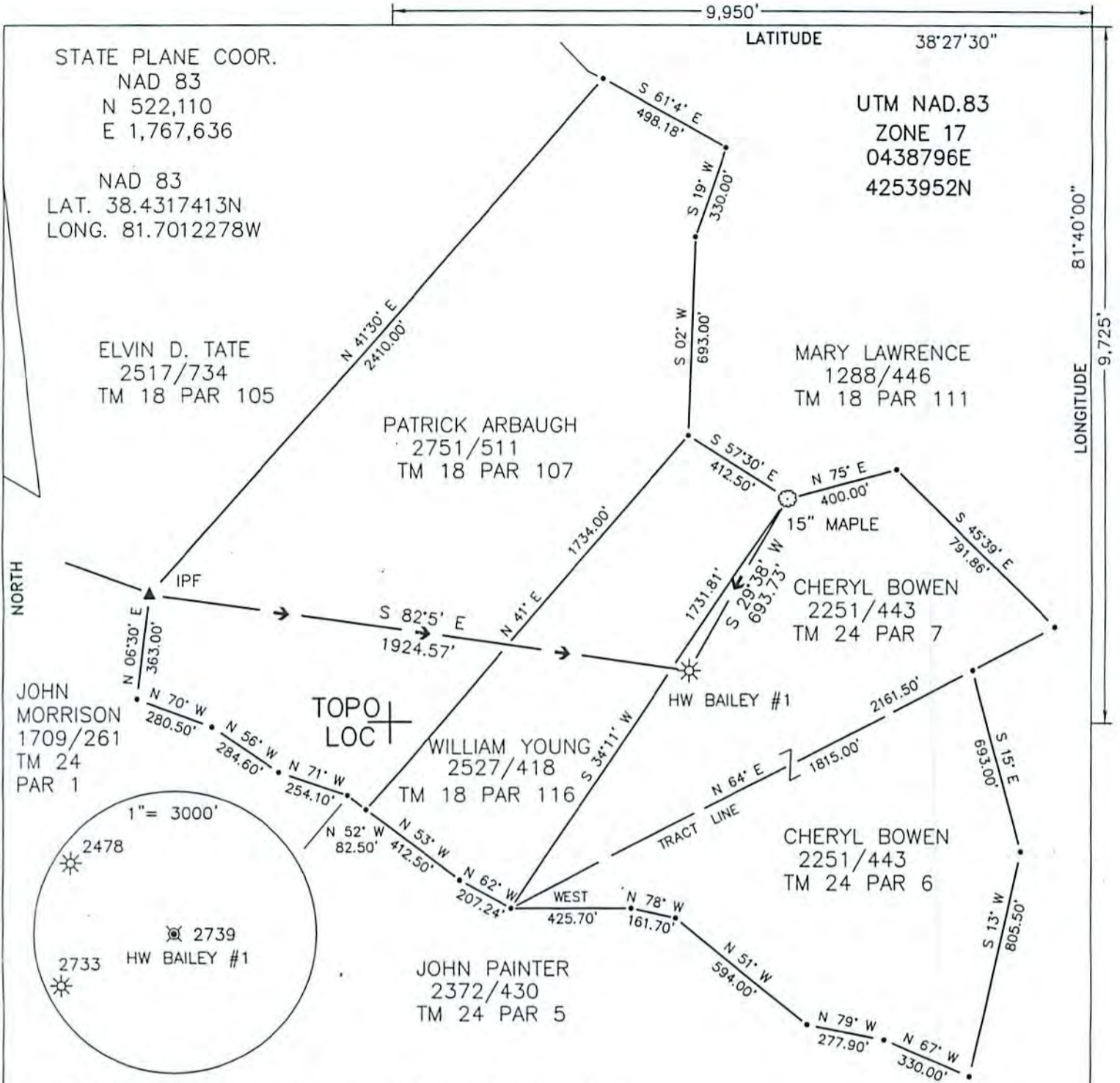


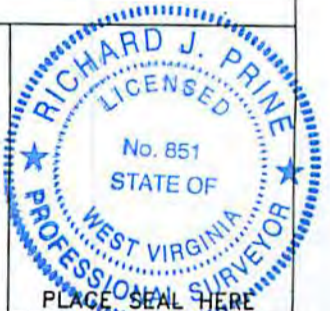
3902739W



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

FILE NO. _____
 DRAWING NO. 14-41
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION 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 ENERGY.
 (SIGNED) [Signature]
 R.P.E. _____ P.S. 851



STATE OF WEST VIRGINIA
 Department of Environmental Protection
 OFFICE OF OIL AND GAS

DATE 10/17, 2014
 OPERATOR'S WELL NO. HW BAILEY #1
 API WELL NO. 47-039-02739
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 836 WATER SHED SUGARCAMP BRANCH OF LIMESTONE BRANCH
 DISTRICT UNION COUNTY KANAWHA
 QUADRANGLE POCOTALICO

SURFACE OWNER CHERYL BOWEN ACREAGE 50.31
 OIL & GAS ROYALTY OWNER HISEL W. BAILEY ETAL LEASE ACREAGE 52.25
 LEASE NO. _____

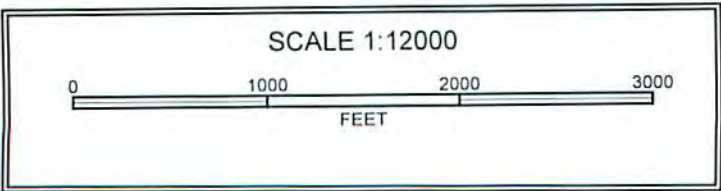
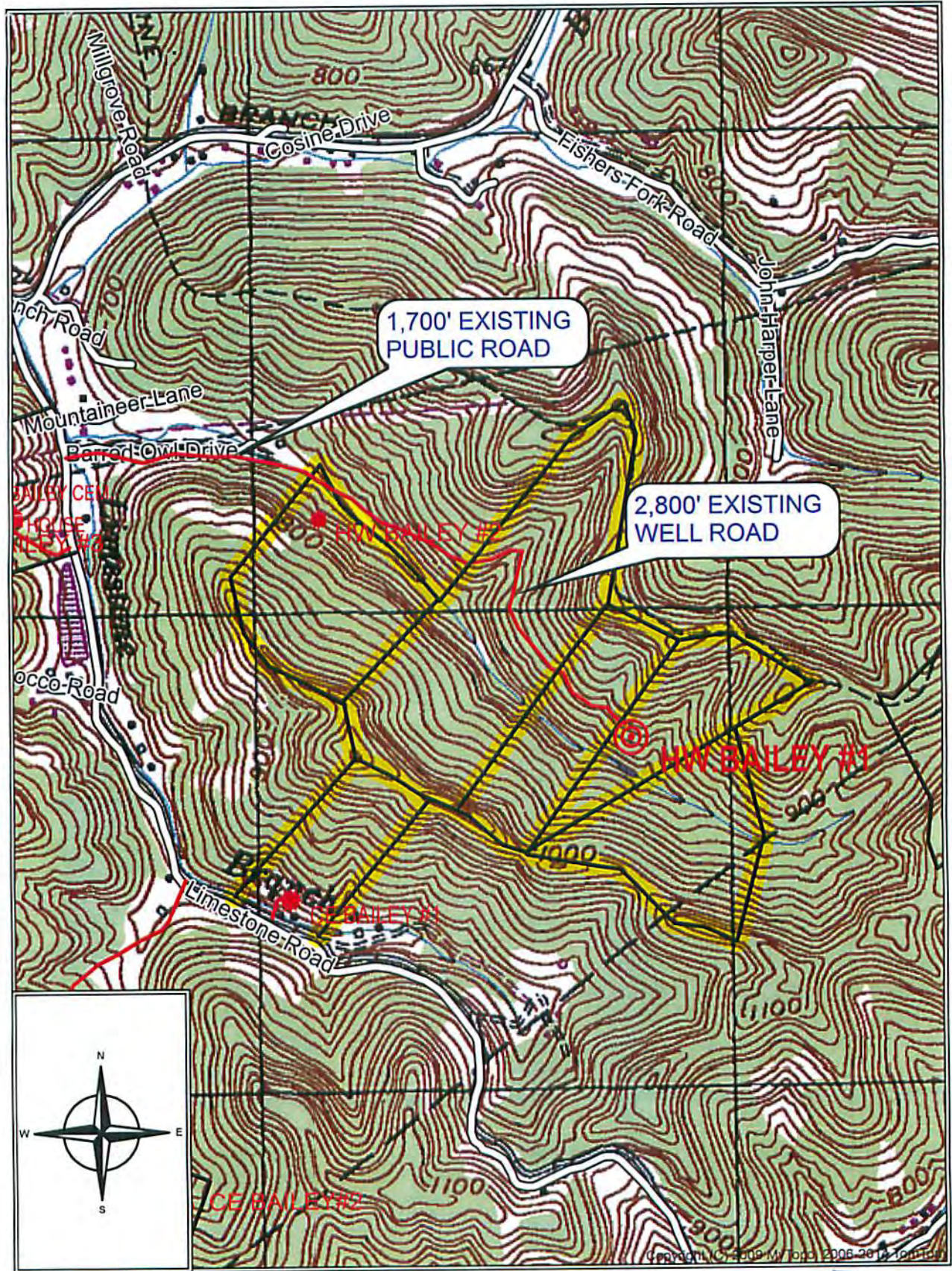
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHSYICAL CHANGE IN WELL (SPECIFY): PULL TUBING & INSTALL 4 1/2"

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION BROWN SHALE ESTIMATED DEPTH 4212
 WELL OPERATOR SHALE GAS PRODUCTION LLC DESIGNATED AGENT J. SCOTT FRESHWATER
 ADDRESS 929 CHARLESTON ROAD ADDRESS 929 CHARLESTON ROAD
SPENCER, WV 25276 SPENCER, WV 25276

04/24/2015

3902739W



Received

MAR 12 2015

Office of Oil and Gas
WV Dept. of Environmental Protection