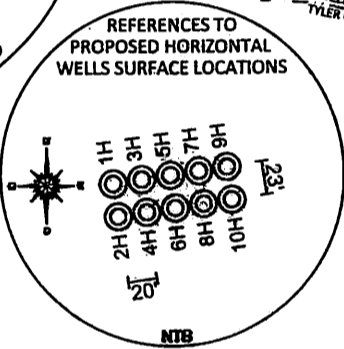
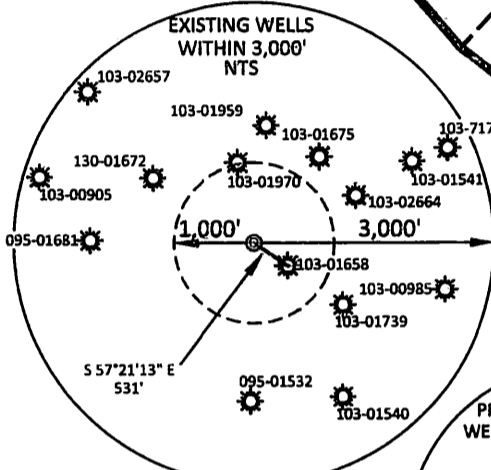
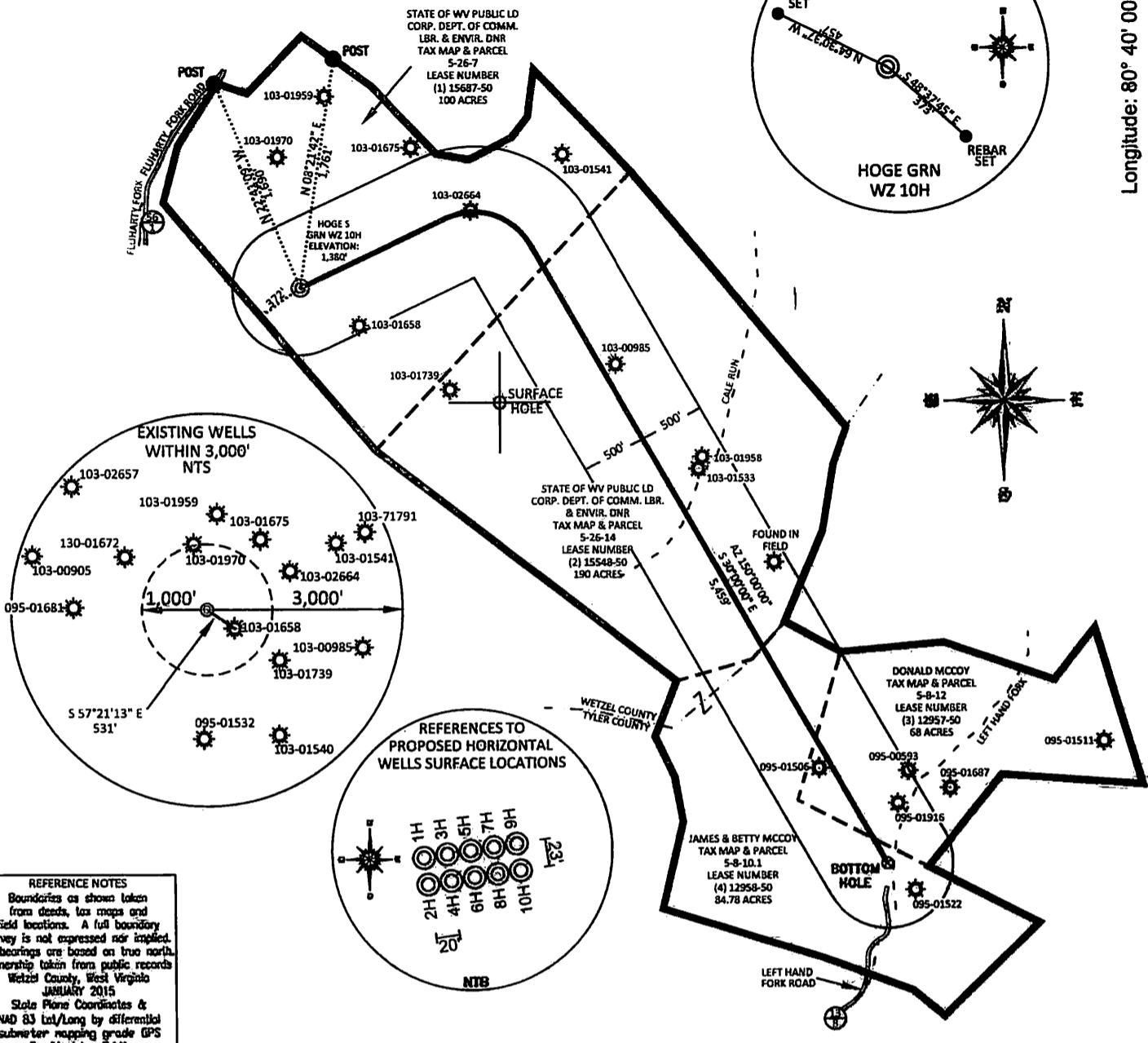
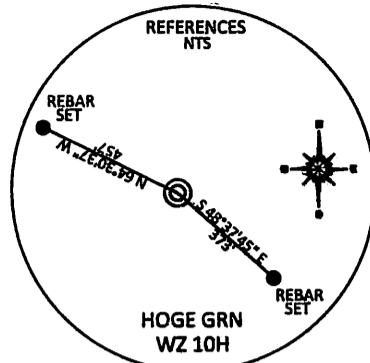


TOP HOLE (UTM NAD 83)
 N) 4370089.3
 E) 526137.4
 BOTTOM HOLE (UTM NAD 83)
 N) 4368750.8
 E) 527528.2

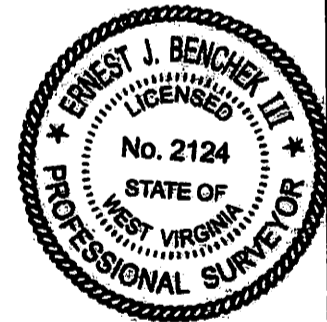
NO DWELLINGS FOUND WITHIN 650' OF THE CENTER OF THE WELL PAD
 NO WATER WELLS FOUND WITHIN 250' OF THE CENTER OF WELL PAD



REFERENCE NOTES
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Wetzell County, West Virginia JANUARY 2015
 State Plane Coordinates & NAD 83 lat/long by differential submeter mapping grade GPS
 Drafted by EAM

FILE #: AE004
 DRAWING #: 2520
 SCALE: PLAT - 1" = 1200'
 TICK MARK - 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: 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: *[Signature]*
 L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: FISHING CREEK
 COUNTY/DISTRICT: WETZEL / GREEN
 SURFACE OWNER: STATE OF WV PUBLIC LD CORP. DEPT. OF COMM. LBR & ENVIR. DNR
 OIL & GAS ROYALTY OWNER: STATE OF WV PUBLIC LD CORP. DEPT. OF COMM. LBR & ENVIR. DNR
 LEASE NUMBERS: _____

DATE: MAY 19, 2015
 OPERATOR'S WELL #: HOGE S GRN WZ 10H
 API WELL #: 47 103 03121 H+6 A
 STATE COUNTY PERMIT

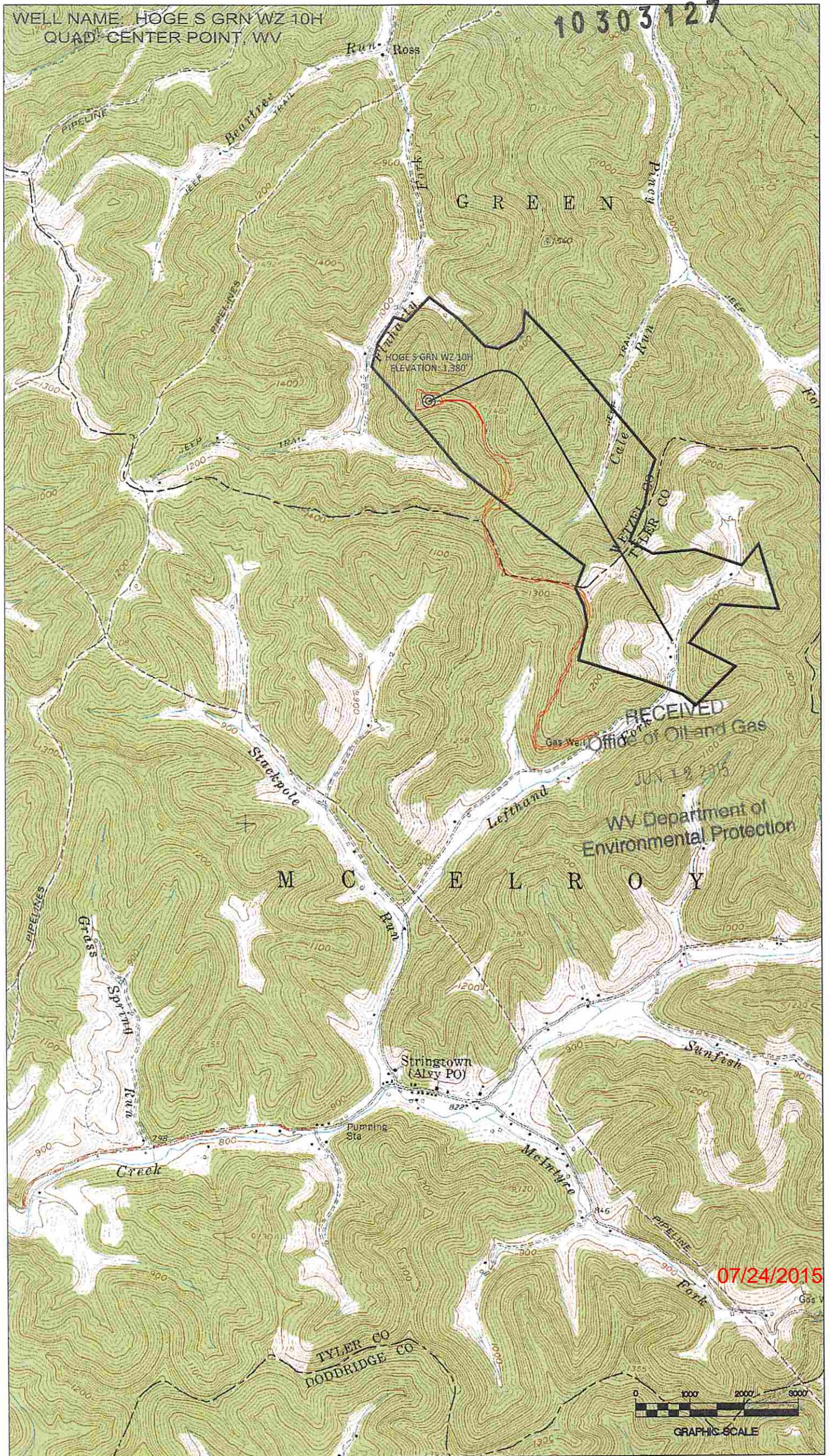
ELEVATION: 1,380' = Current
 1,372.40' = Proposed
 QUADRANGLE: CENTER POINT, WV
 ACREAGE: 100.00 +/-
 ACREAGE: 442.78 +/-

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS
 ESTIMATED DEPTH: TVD: 7,362' TMD: 13,500'
 WELL OPERATOR: American Energy - Marcellus LLC
 DESIGNATED AGENT: Eric B. Gillespie
 ADDRESS: 3501 NW 63rd Street
 ADDRESS: 103 Taryn Lane
 CITY: Oklahoma City STATE: OK ZIP CODE: 73116
 CITY: Cross Lanes STATE: WV ZIP CODE: 25313

WELL NAME: HOGE S GRN WZ 10H
QUAD: CENTER POINT, WV

10303127



RECEIVED
Office of Oil and Gas
JUN 19 2015
WV Department of
Environmental Protection

07/24/2015

