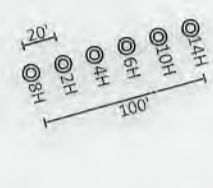


REFERENCE NOTES  
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records MONONGALIA COUNTY, West Virginia JULY 2018  
 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by EAM.

NO WATER WAS FOUND WITHIN 250' OF THE CENTER OF WELL PAD.  
 NO DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF WELL PAD.

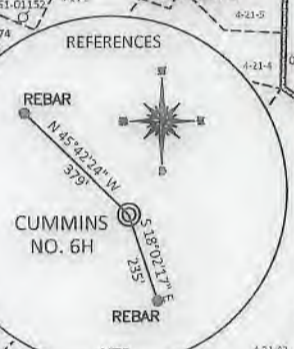
REFERENCES TO PROPOSED HORIZONTAL WELLS SURFACE LOCATIONS



Existing Wells within 2,400' NTS



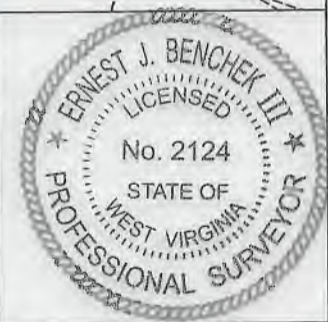
API # & DISTANCE TO WELL  
 061-00830: S 88°04'28" W 1137'  
 FOUND IN FIELD: S 76°31'03" W 1275'  
 061-00795: S 54°18'56" W 1170'



TOTAL BORED DISTANCE FROM LP TO BH = 12,470.37'

FILE #: NNE15  
 DRAWING #: 2884  
 SCALE: PLAT: 1" = 1800' TICK: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: SUBMETER 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: *[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: DUNKARD CREEK  
 COUNTY/DISTRICT: MONONGALIA / CLAY  
 SURFACE OWNER: JERRY L. YOST ET AL  
 OIL & GAS ROYALTY OWNER: NNE LLC, et al  
 LEASE NUMBERS:

DATE: FEBRUARY 27, 2019  
 OPERATOR'S WELL #: CUMMINS 6H  
 API WELL #: 47 61 01837  
 STATE COUNTY PERMIT  
 CURRENT ELEVATION: 1,374'  
 PROPOSED ELEVATION: 1,358.25'

QUADRANGLE: BLACKSVILLE  
 ACREAGE: 81.472 +/-  
 ACREAGE: 640.806 +/-

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:8,070.5' TMD:21,296'  
 WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC  
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200  
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301  
 DESIGNATED AGENT: JOHN ADAMS  
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200  
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

05/17/2019

