

03/01/2019

**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 2017  
 State Plane Coordinates & MAD 83 Lat/Long by differential submeter mapping grade GPS  
 Drafted by EAM

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.



FILE #: NNE15  
 DRAWING #: 2869  
 SCALE: PLAT: 1" = 1800'  
 TACK: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

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: SAMUEL W. & STACEY L. MATTEO  
 OIL & GAS ROYALTY OWNER:  
 LEASE NUMBERS:

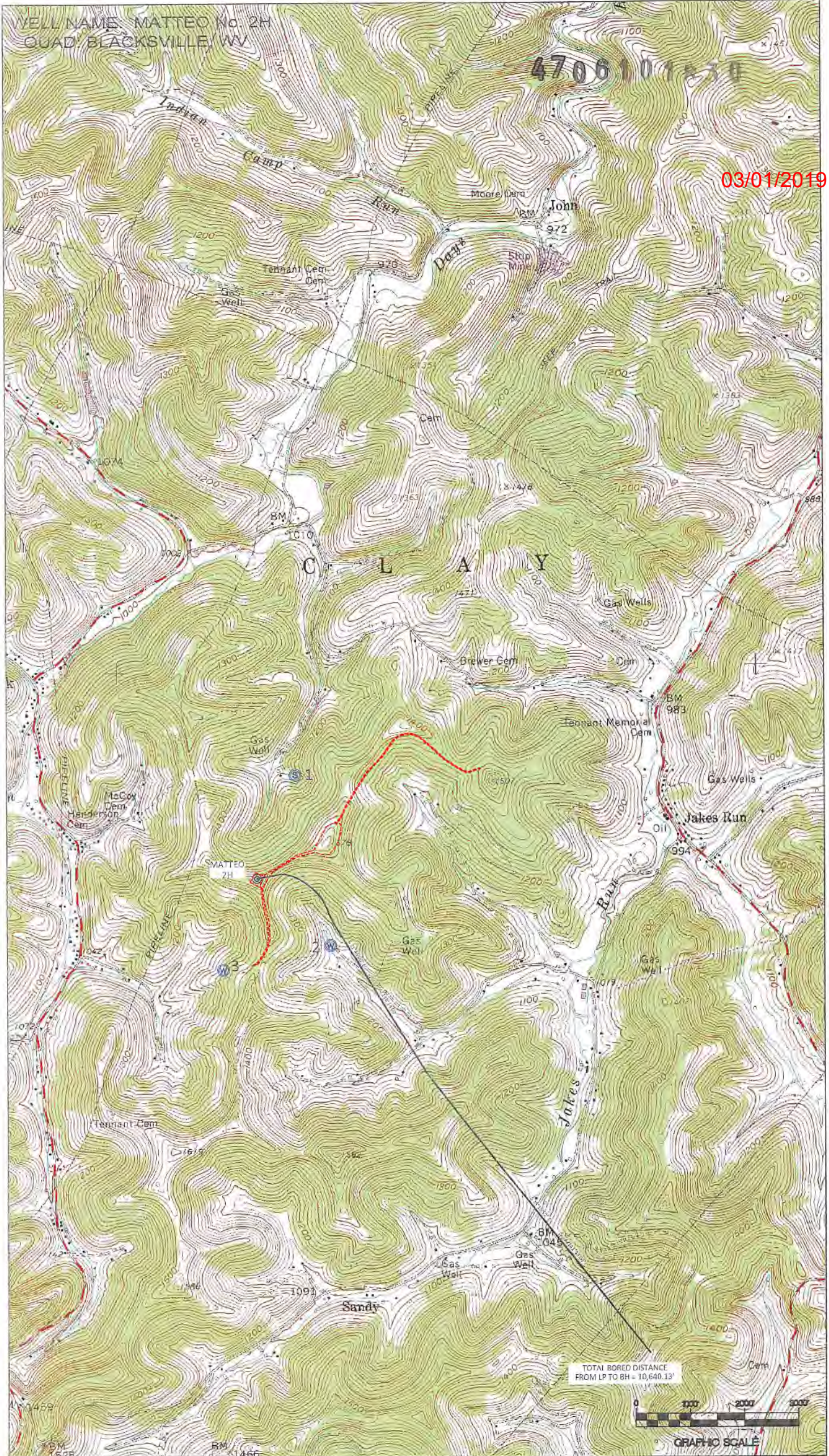
DATE: NOVEMBER 29, 2018  
 OPERATOR'S WELL #: MATTEO 2H  
 API WELL #: 47 61 01830H6A  
 STATE COUNTY PERMIT  
 CURRENT ELEVATION: EXISTING - 1,510'  
 PROPOSED - 1,491.50'  
 QUADRANGLE: BLACKSVILLE  
 ACREAGE: 107.666 +/-  
 ACREAGE: 576.856 +/-

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: 8,288' TMD: 19,455'  
 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

WELL NAME: MATTEO No. 2H  
QUAD: BLACKSVILLE, WV

4706 101A-30

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TOTAL BORED DISTANCE  
FROM LP TO BH = 10,640.13'



GRAPHIC SCALE