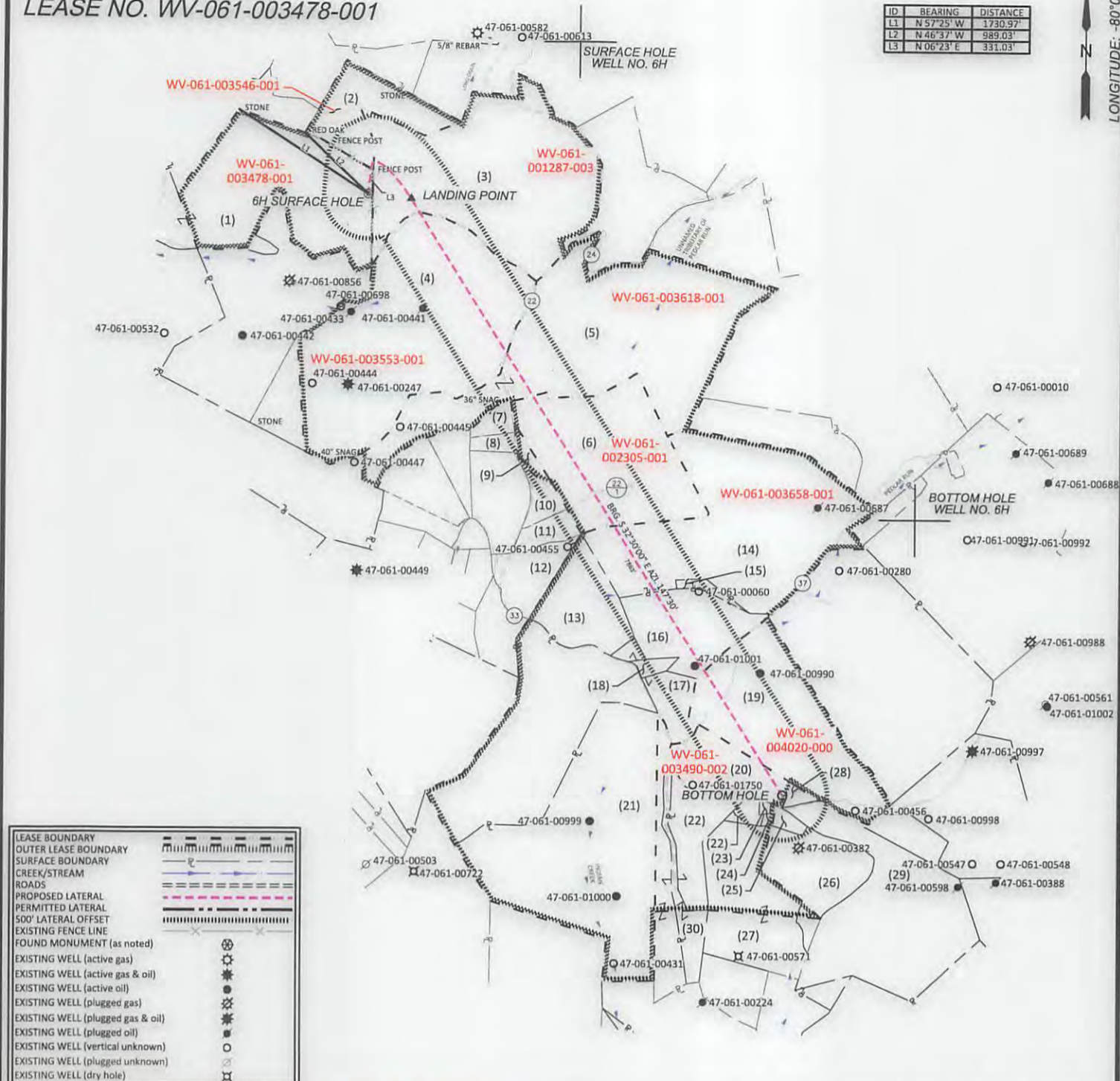


**NORTHEAST NATURAL ENERGY LLC
MEPCO WELL NO. 6H
LEASE NO. WV-061-003478-001**

ID	BEARING	DISTANCE
L1	N 57°25' W	1730.97'
L2	N 46°37' W	989.03'
L3	N 06°23' E	331.03'



SURFACE HOLE SURVEYED LATITUDE 39°39'46.06"
BOTTOM HOLE SURVEYED LATITUDE 39°38'40.37"



LEASE BOUNDARY	
OUTER LEASE BOUNDARY	
SURFACE BOUNDARY	
CREEK/STREAM	
ROADS	
PROPOSED LATERAL	
PERMITTED LATERAL	
500' LATERAL OFFSET	
EXISTING FENCE LINE	
FOUND MONUMENT (as noted)	
EXISTING WELL (active gas)	
EXISTING WELL (active gas & oil)	
EXISTING WELL (active oil)	
EXISTING WELL (plugged gas)	
EXISTING WELL (plugged gas & oil)	
EXISTING WELL (plugged oil)	
EXISTING WELL (vertical unknown)	
EXISTING WELL (plugged unknown)	
EXISTING WELL (dry hole)	

600 Marketplace Avenue, Suite 200
Bridgeport, WV 26330
Toll Free 855-488-9539
Fax 304-933-3327
Civil & Environmental Consultants, Inc.



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 rules issued and prescribed by the Division of Environmental Protection.

[Handwritten Signature]

DATE AUGUST 9, 2017
SCALE 1" = 1600' ACCURACY 1:2500
OPERATORS 6H
WELL No. 47-061-01745 MOD
API No. 4706101745

**STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS**



TYPE OF WELL:
GAS:
Production Storage *Deep *Shallow

PROPOSED WORK ON LOCATION:
Drill Drill Deeper Redrill Convert
Fracture/ Stimulate *Plug off to Formation
Perforate New Formation Plug and Abandon
Clean/ Replug Other Than Above
If "Other" Please see Details below—
DETAILS OF PROPOSED WORK _____
*TARGET FORMATION MARCELLUS
ESTIMATED DEPTH TVD: 8,222' TMD: 16,495.51'

WELL AREA & LOCATION INFORMATION:
ELEVATION SOURCE DGPS (OPUS)
ELEVATION 1451.18' (EXISTING), 1424.00' (PROPOSED)
WATERSHED JAKES RUN OF DUNKARD CREEK DISTRICT CLAY
COUNTY MONONGALIA TOPO QUAD BLACKSVILLE
SURFACE OWNER MEPCO LLC
ACREAGE 103.49 ±
ROYALTY OWNER NORTHEAST NATURAL ENERGY, LLC (LEASE NO. WV-061-003478-001)
LEASE ACREAGE 607.30 ±

WELL OPERATOR NORTHEAST NATURAL ENERGY LLC DESIGNATED AGENT JOHN ADAMS
ADDRESS 707 VIRGINIA STREET EAST, SUITE 1200 ADDRESS 707 VIRGINIA STREET EAST, SUITE 1200
CHARLESTON, WV 25301 CHARLESTON, WV 25301

11/05/2017

NORTHEAST NATURAL ENERGY LLC
MEPCO WELL NO. 6H
LEASE NO. WV-061-003478-001

Table with 3 columns: TOP HOLE (NAD 83), LP (NAD 83), BOTTOM HOLE (NAD 83). Includes coordinates (N, E, LAT, LONG, DEC. LAT, DEC. LONG) for various points.

Table with 2 columns: TOP HOLE (UTM NAD 83), LANDING POINT (UTM NAD 83), BOTTOM HOLE (UTM NAD 83). Includes UTM coordinates (N, E).

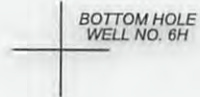
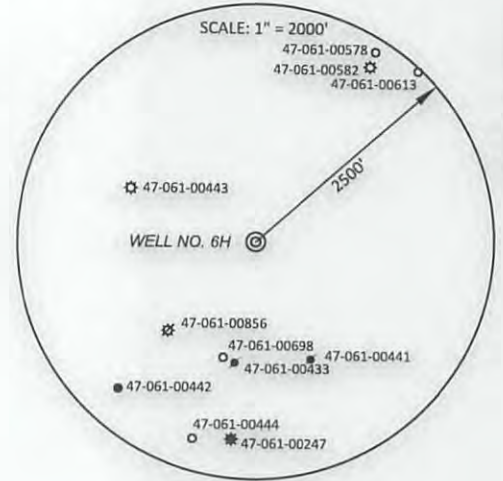
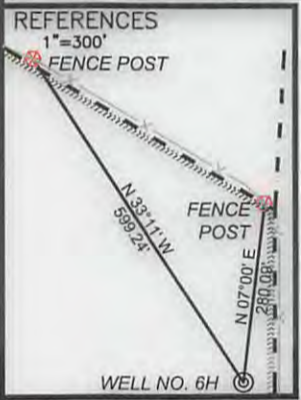


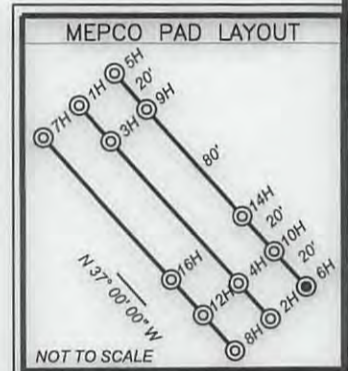
Table with 4 columns: TAG, OWNER, DIST-TM-PAR, AC ±. Lists 30 land parcels with their respective owners and acreages.

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



NOTES ON SURVEY

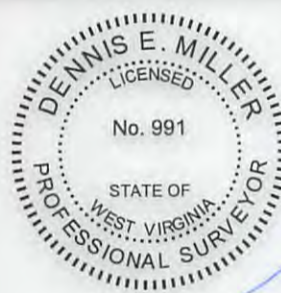
- 1. NO OCCUPIED DWELLINGS OR BUILDINGS 2500 SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY WITHIN 625' OF THE CENTER OF THE WELL PAD WERE OBSERVED.
- 2. NO WATER WELLS OR DEVELOPED SPRINGS USED FOR HUMAN OR DOMESTIC ANIMAL CONSUMPTION WERE FOUND WITHIN 250'.
- 3. SURFACE OWNERSHIP TAKEN FROM THE MONONGALIA COUNTY TAX ASSESSOR AND COUNTY CLERK OFFICES IN OCTOBER, 2015.
- 4. WELL LATITUDE AND LONGITUDE FROM SURVEY GRADE VRS SOLUTIONS.
- 5. BEARINGS SHOWN ARE BASED UPON THE WV STATE PLANE COORDINATE SYSTEM, NAD 83 GRID NORTH ZONE.
- 6. LEASE INFORMATION PROVIDED BY NORTHEAST NATURAL ENERGY LLC.
- 7. PARCEL AND LEASE BOUNDARY LOCATIONS ARE APPROXIMATE AND BASED UPON RELEVANT GIS INFORMATION, FIELD LOCATION BOUNDARY EVIDENCE AND DEED DESCRIPTIONS.



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[Handwritten Signature]

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



DATE AUGUST 9, 2017
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47 - 061 - 01745 MOD
API No. H6A
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