

SURFACE HOLE LOCATION
SURVEYED LONGITUDE 80°09'09.11"

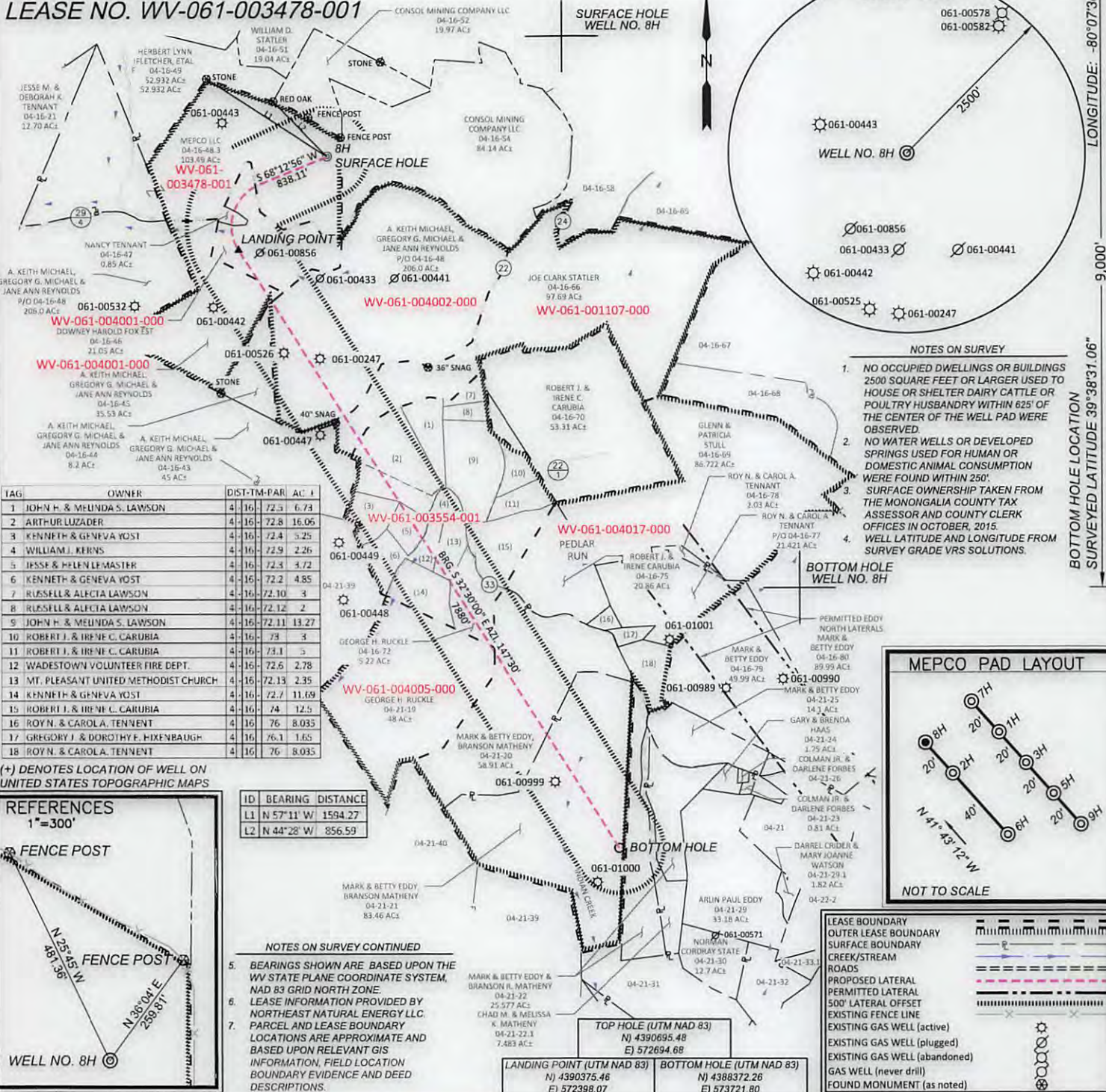
7,750'

BOTTOM HOLE LOCATION
SURVEYED LONGITUDE -80°08'26.94"

4,454'

LATITUDE: 39°40'00"

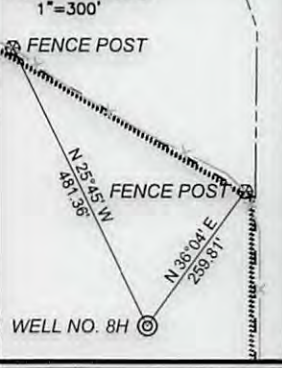
**NORTHEAST NATURAL ENERGY LLC
MEPCO WELL NO. 8H
LEASE NO. WV-061-003478-001**



TAG	OWNER	DIST-TM-PAR	AC ±
1	JOHN H. & MELINDA S. LAWSON	4-16-72.3	6.73
2	AIRTHUR LUZADER	4-16-72.8	16.05
3	KENNETH & GENEVA YOST	4-16-72.4	3.25
4	WILLIAM J. KERNS	4-16-72.9	2.26
5	JESSE & HELEN LE MASTER	4-16-72.3	3.72
6	KENNETH & GENEVA YOST	4-16-72.2	4.85
7	RUSSELL & ALICIA LAWSON	4-16-72.10	3
8	RUSSELL & ALICIA LAWSON	4-16-72.12	2
9	JOHN H. & MELINDA S. LAWSON	4-16-72.11	13.27
10	ROBERT J. & IRENE C. CARUBIA	4-16-73	3
11	ROBERT J. & IRENE C. CARUBIA	4-16-73.1	3
12	WADESTOWN VOLUNTEER FIRE DEPT.	4-16-72.6	2.78
13	MT. PLEASANT UNITED METHODIST CHURCH	4-16-72.13	2.35
14	KENNETH & GENEVA YOST	4-16-72.7	11.69
15	ROBERT J. & IRENE C. CARUBIA	4-16-74	12.5
16	ROY N. & CAROLA TENNENT	4-16-76	8.035
17	GREGORY J. & DOROTHY E. HIXENBAUGH	4-16-76.1	1.65
18	ROY N. & CAROLA TENNENT	4-16-76	8.035

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

REFERENCES
1"=300'

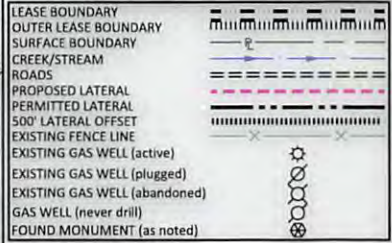
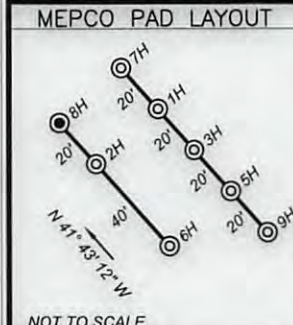


ID	BEARING	DISTANCE
L1	N 57° 11' W	1594.27
L2	N 44° 28' W	856.59

NOTES ON SURVEY CONTINUED

- BEARINGS SHOWN ARE BASED UPON THE WV STATE PLANE COORDINATE SYSTEM, NAD 83 GRID NORTH ZONE.
- LEASE INFORMATION PROVIDED BY NORTHEAST NATURAL ENERGY LLC.
- PARCEL AND LEASE BOUNDARY LOCATIONS ARE APPROXIMATE AND BASED UPON RELEVANT GIS INFORMATION, FIELD LOCATION BOUNDARY EVIDENCE AND DEED DESCRIPTIONS.

- NOTES ON SURVEY**
- 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.
 - NO WATER WELLS OR DEVELOPED SPRINGS USED FOR HUMAN OR DOMESTIC ANIMAL CONSUMPTION WERE FOUND WITHIN 250'.
 - SURFACE OWNERSHIP TAKEN FROM THE MONONGALIA COUNTY TAX ASSESSOR AND COUNTY CLERK OFFICES IN OCTOBER, 2015.
 - WELL LATITUDE AND LONGITUDE FROM SURVEY GRADE VRS SOLUTIONS.



TOP HOLE (UTM NAD 83)
N 4390695.48
E 572694.68

LANDING POINT (UTM NAD 83)
N 4390375.46
E 572398.07

BOTTOM HOLE (UTM NAD 83)
N 4388372.26
E 573721.80

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.

Dennis E. Miller

DATE AUGUST 22, 2016
SCALE 1" = 1600' ACCURACY 1:2500
OPERATORS
WELL No. 8H
47 - 061 - 0175916A
API No.

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: 16,988.48'

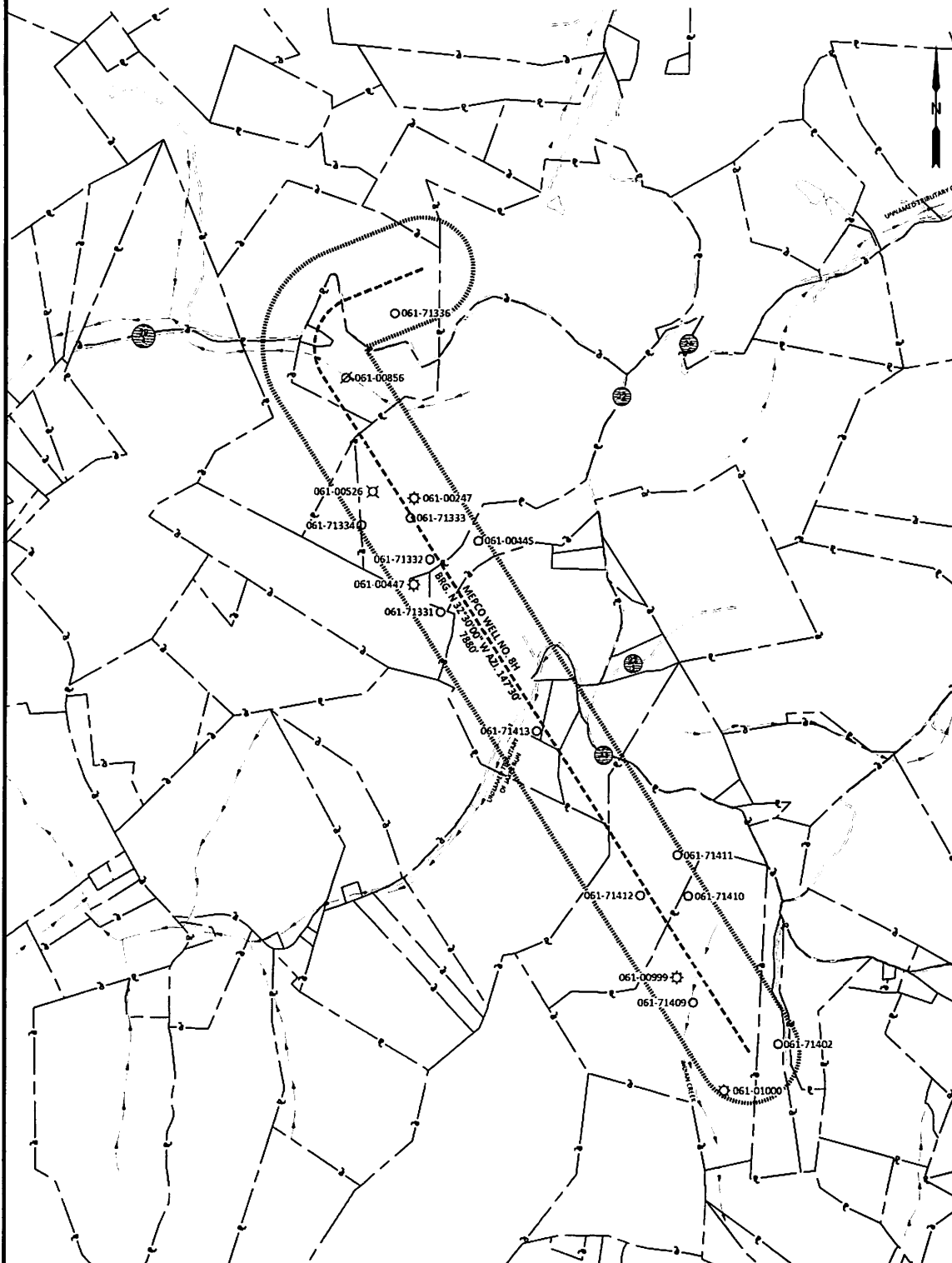
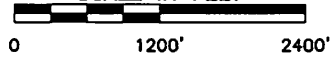
WELL AREA & LOCATION INFORMATION:
ELEVATION SOURCE DGPS (OPUS)
ELEVATION 1442.89' (EXISTING), 1424.00' (PROPOSED)
WATERSHED JAKES RUN OF DUNKARD CREEK DISTRICT CANYON
COUNTY MONONGALIA TOPO QUAD BLACKSVILLE
SURFACE OWNER MEPCO LLC
ACREAGE 103.49 ±
ROYALTY OWNER NNE LLC ET AL (LEASE NO. WV-061-003478-001)
LEASE ACREAGE 740.73 ±

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

DESIGNATED AGENT JOHN ADAMS
ADDRESS 707 VIRGINIA STREET EAST, SUITE 1200
CHARLESTON, WV 25301

**NORTHEAST NATURAL ENERGY LLC
MEPCO WELL NO. 8H**

SCALE IN FEET



600 Marketplace Avenue, Suite 200
Bridgeport, WV 26330
Toll Free 855-488-9539
Fax 304-933-3327



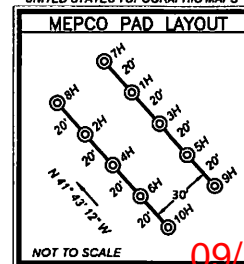
Civil & Environmental Consultants, Inc.

DATE: AUGUST 31, 2016
SCALE: 1"=1200'

AREA OF REVIEW

SURFACE BOUNDARY	—
CREEK/STREAM	—
ROADS	—
PROPOSED LATERAL	—
500' LATERAL OFFSET	—
EXISTING GAS WELL (active)	○
EXISTING GAS WELL (abandoned)	○
EXISTING GAS WELL (never drilled)	○
EXISTING GAS WELL (prior to 1929)	○

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



NOT TO SCALE

09/16/2016