

SURVEYED LONGITUDE -80°09'08.82"

7,728'

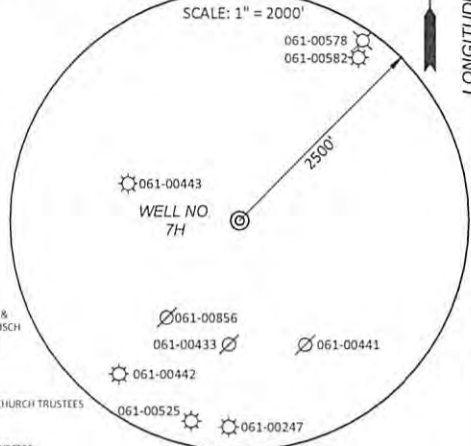
LATITUDE: 39°40'00"

LONGITUDE: -80°07'30"
SURVEYED LATITUDE 39°39'46.93"

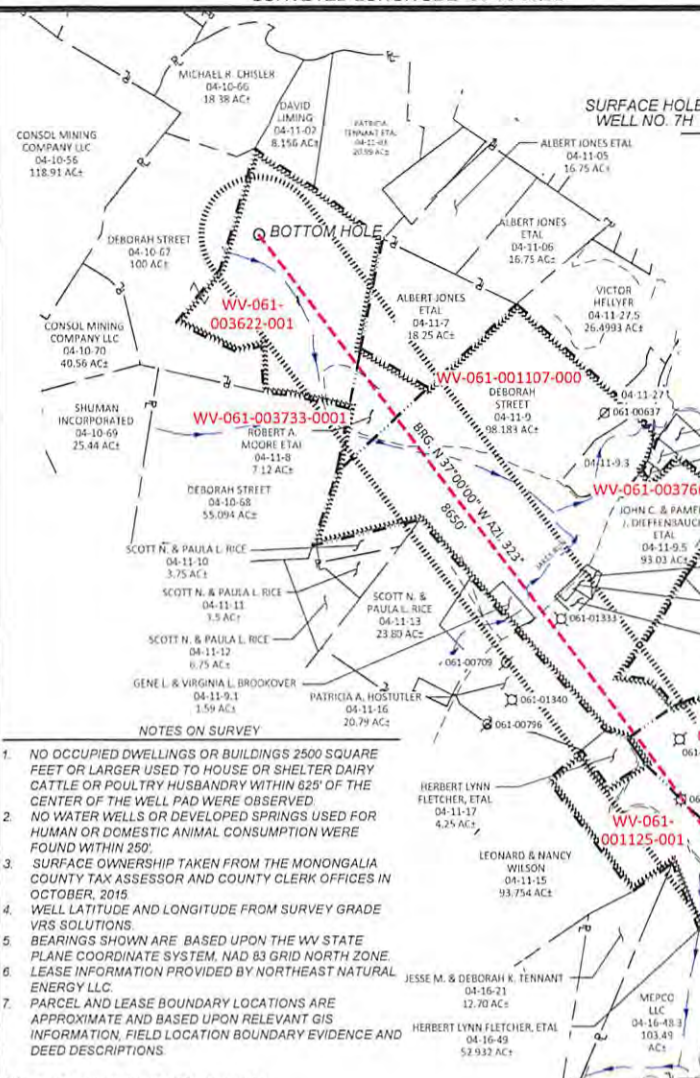
NORTHEAST NATURAL ENERGY LLC MEPCO WELL NO. 7H LEASE NO. WV-061-003478-001

SURFACE HOLE
WELL NO. 7H

SCALE: 1" = 2000'



TOP HOLE (UTM NAD 83)
N) 4390701.68
E) 572701.40
LANDING POINT (UTM NAD 83)
N) 4390625.87
E) 572410.00
BOTTOM HOLE (UTM NAD 83)
N) 4392704.11
E) 570788.79

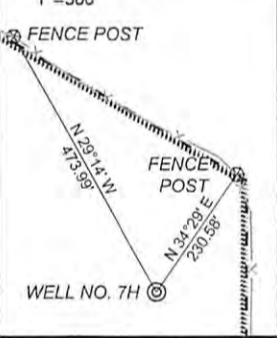


NOTES ON SURVEY

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.

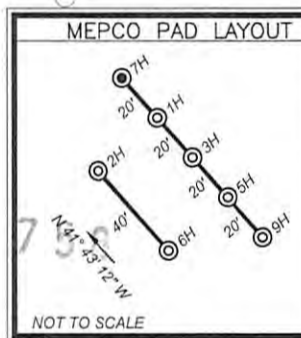
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

REFERENCES 1"=300'




LEASE BOUNDARY	---
OUTER LEASE BOUNDARY	----
SURFACE BOUNDARY	-----
CREEK/STREAM	~~~~~
ROADS	=====
PROPOSED LATERAL	-----
PERMITTED LATERAL	-----
500' LATERAL OFFSET	-----
EXISTING FENCE LINE	-----
EXISTING GAS WELL (active)	⊙
EXISTING GAS WELL (plugged)	⊙
EXISTING GAS WELL (abandoned)	⊙
GAS WELL (never drill)	⊙
FOUND MONUMENT (as noted)	⊙

ID	BEARING	DISTANCE
L1	N 58°13' W	1602.53'
L2	N 46°28' W	858.55'
L3	S 34°42' W	263.34'



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



Civil & Environmental Consultants, Inc.



DATE MAY 9, 2016
SCALE 1" = 1600' ACCURACY 1:2500
OPERATORS WELL No. 7H
47 - 061 - 01758 HGA
API No.

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: 17,554.86'

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

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.

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



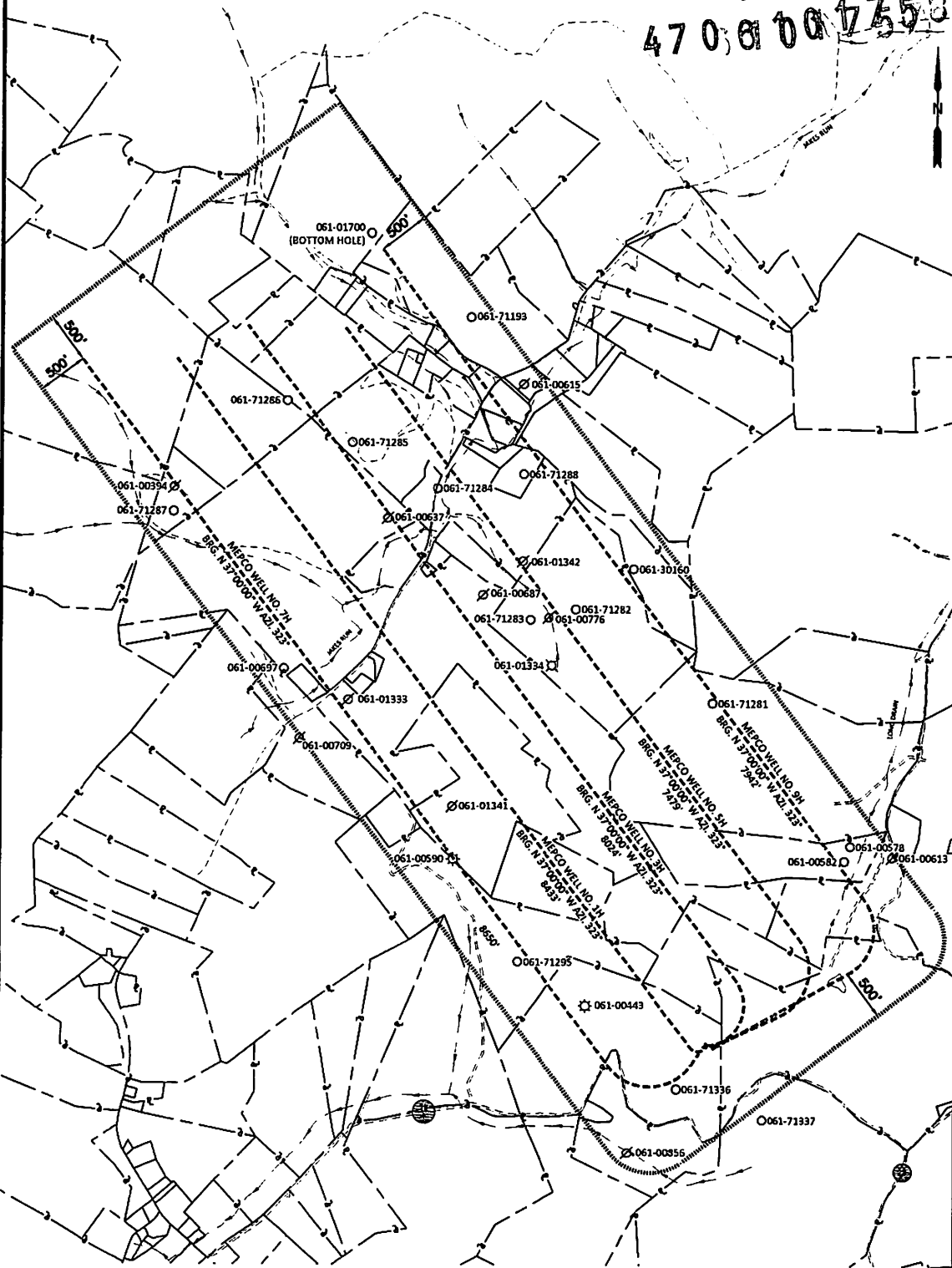
WELL AREA & LOCATION INFORMATION:
ELEVATION SOURCE DGPS (OPUS)
ELEVATION 1448.16' (EXISTING), 1424.00' (PROPOSED)
WATERSHED JAKES RUN OF DUNKARD CREEK DISTRICT CLAY
COUNTY MONONGALIA TOPO QUAD BLACK
SURFACE OWNER MEPCO LLC
ACREAGE 103.49 ±
ROYALTY OWNER NNE LLC ET AL (LEASE NO. WV-061-003478-001)
LEASE ACREAGE 361.72 ±

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

**NORTHEAST NATURAL ENERGY LLC
MEPCO NORTH WELLS**



470,000,7550



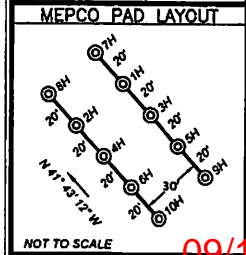
600 Marketplace Avenue, Suite 200
Bridgeport, WV 26330
Toll Free 855-488-9539
Fax 304-933-3327
Civil & Environmental Consultants, Inc.

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 (plugged)	○
EXISTING GAS WELL (abandoned)	○
GAS WELL (never drilled)	○
EXISTING GAS WELL (prior to 1929)	○

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



09/16/2016