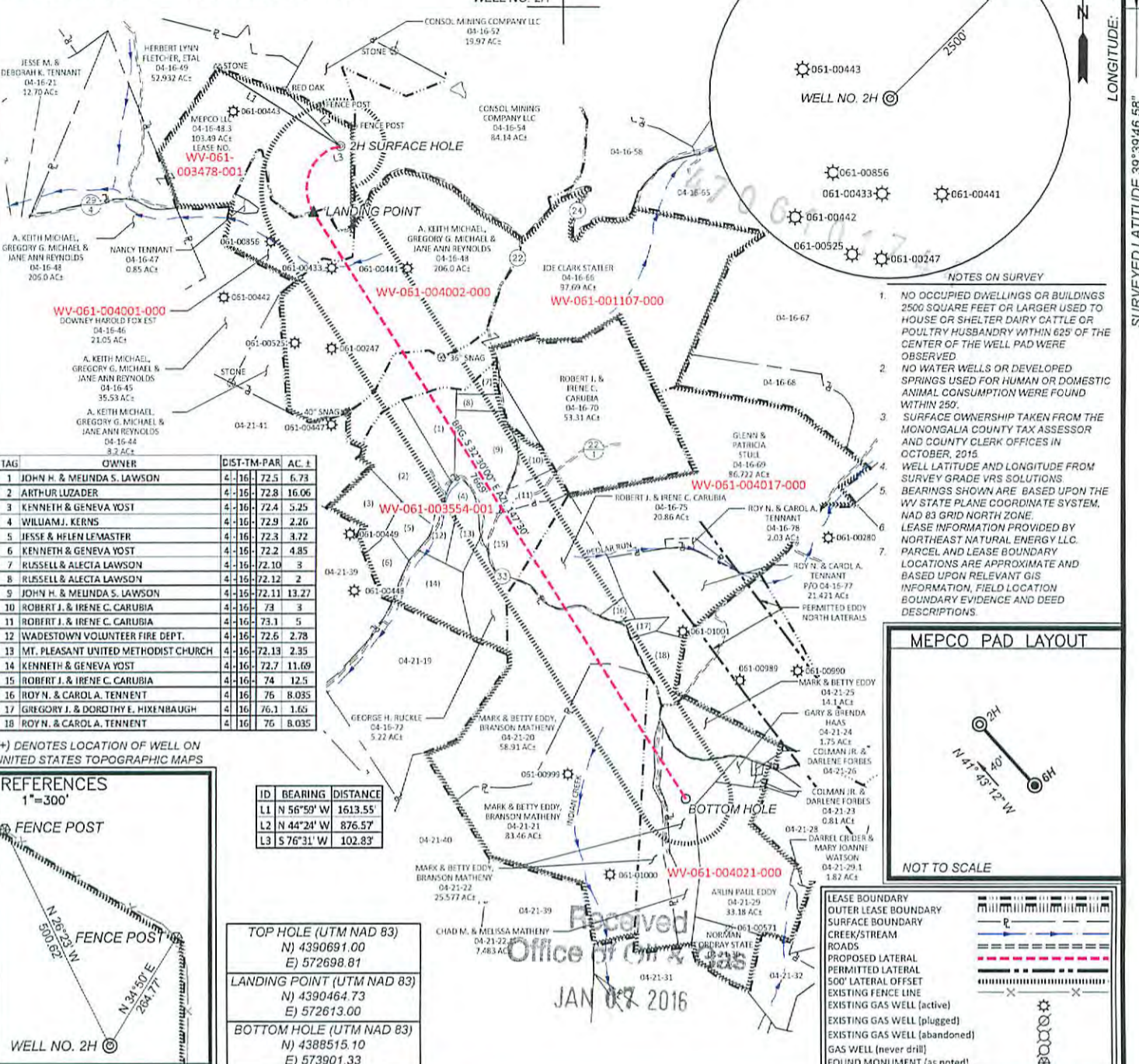


SURVEYED LONGITUDE -80°09'08.94"

7,737'

LATITUDE: 39°40'00"

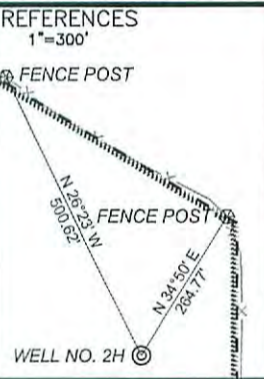
NORTHEAST NATURAL ENERGY LLC MEPCO WELL NO. 2H LEASE NO. WV-061-003478-001



- 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
 - 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

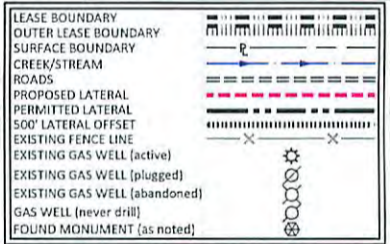
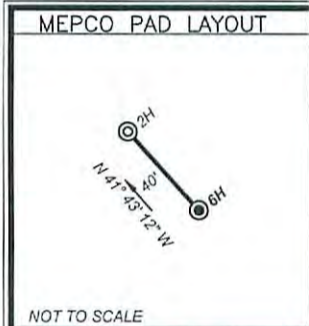
IAG	OWNER	DIST	TM	PAR	AC ±
1	JOHN H. & MELINDA S. LAWSON	4	16	72.5	6.73
2	ARTHUR LUZADER	4	16	72.8	16.06
3	KENNETH & GENEVA YOST	4	16	72.4	5.25
4	WILLIAM J. KERNS	4	16	72.9	2.26
5	JESSE & HELEN LE MASTER	4	16	72.3	3.72
6	KENNETH & GENEVA YOST	4	16	72.2	4.85
7	RUSSELL & ALECIA LAWSON	4	16	72.10	3
8	RUSSELL & ALECIA 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	5
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. & CAROL A. TENNANT	4	16	76	8.035
17	GREGORY J. & DOROTHY E. HIXENBAUGH	4	16	76.1	1.65
18	ROY N. & CAROL A. TENNANT	4	16	76	8.035

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



ID	BEARING	DISTANCE
L1	N 56°59' W	1613.55'
L2	N 44°24' W	876.57'
L3	S 76°31' W	102.83'

TOP HOLE (UTM NAD 83)	N) 4390691.00	E) 572698.81
LANDING POINT (UTM NAD 83)	N) 4390464.73	E) 572613.00
BOTTOM HOLE (UTM NAD 83)	N) 4388515.10	E) 573901.33



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



DATE DECEMBER 18, 2015
SCALE 1" = 1600' ACCURACY 1:2500
OPERATORS WELL No. 2H
47 - 061 - 01744
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: 16,390.33'

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



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



WELL AREA & LOCATION INFORMATION:
ELEVATION SOURCE DGPS (OPUS)
ELEVATION 1452.16' (EXISTING), 1424.00' (PROPOSED)
WATERSHED JAKES RUN OF DUNKARD CREEK DISTRICT CLAY
COUNTY MONONGALIA TOPO QUAD BLACKSVI
SURFACE OWNER MEPCO LLC
ACREAGE 103.49 ±
ROYALTY OWNER GARY G. LORING, ET AL (LEASE NO. WV-061-003478-001)
LEASE ACREAGE 537.39 ±

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

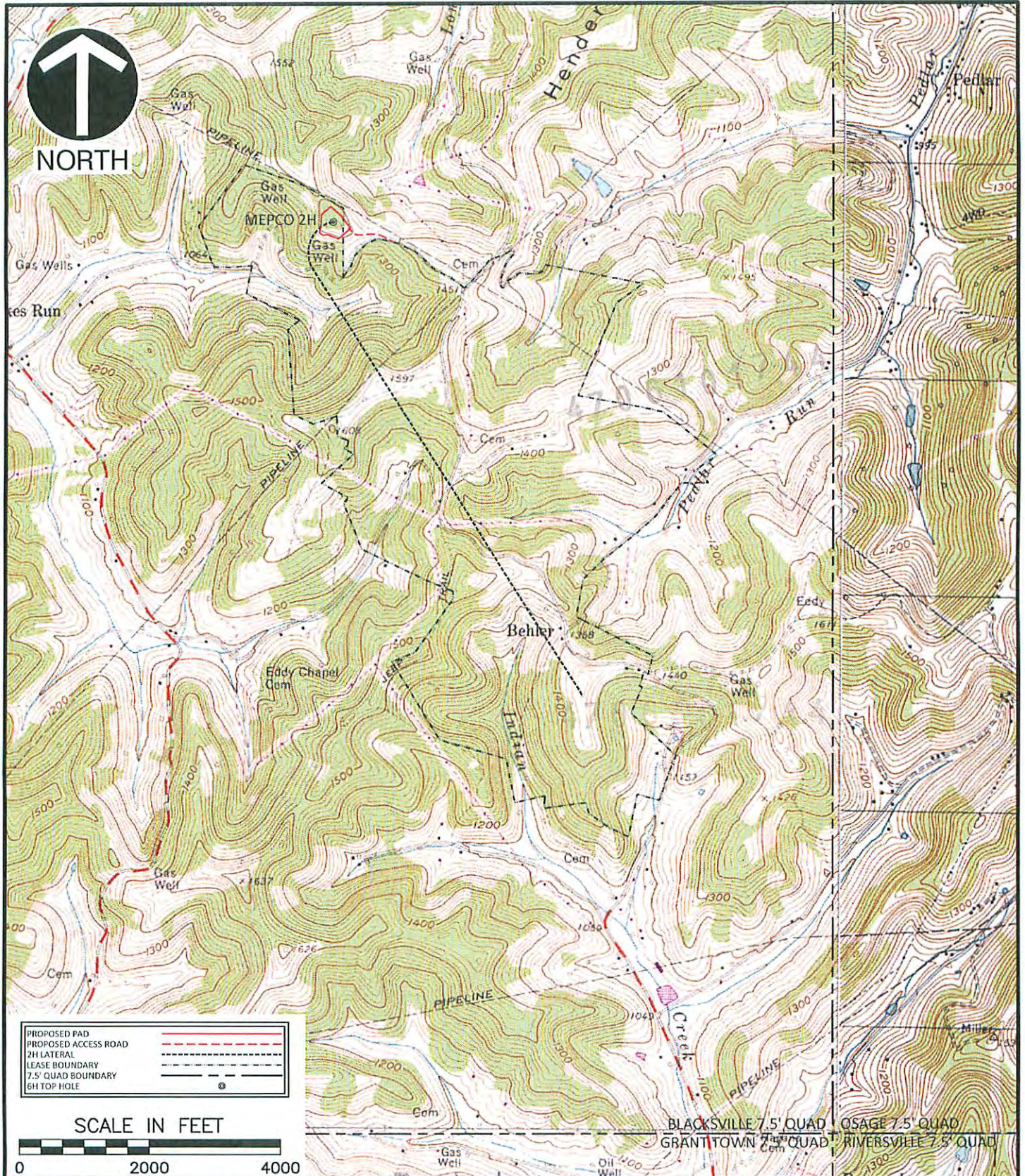
DESIGNATED AGENT JOHN ADAMS
ADDRESS 707 VIRGINIA STREET EAST, SUITE 1200
CHARLESTON, WV 25301

03/18/2016



NORTH

P:\2015\150-445-Survey\Draw Well Plats\150445-SRV-TOPO LOCATION-2H.dwg 12/18/2015 - Imoody) - LP: 12/18/2015 2:11 PM



Civil & Environmental Consultants, Inc.

600 Market Avenue Suite 200 - Bridgeport, WV 26330
Ph: 304.933.3119 · 855.488.9539 · Fax: 304.933.3327
www.cecinc.com

Received
Office of Oil & Gas

NORTHEAST NATURAL ENERGY LLC
BLACKSVILLE 7.5' QUADRANGLE
CLAY DISTRICT
MONONGALIA COUNTY, WEST VIRGINIA

MEPCO
WELL PAD AND 2H LATERAL

DRAWN BY:	LDM	CHECKED BY:	REA	APPROVED BY:	DEM	FIGURE NO.:
DATE:	DECEMBER 2015	DWG SCALE:	1"=2000'	PROJECT NO:	150-445	03/18/2016