

Westcott Corporate Park II, Suite 101
200 Georgetown Drive
Sewatoy, PA 16148
P: 724-444-1100
F: 724-444-1104
www.pve-nc.com



Civil Engineering | Land Development | Structure Design
Land Planning | Landscape Architecture | Environmental

LEGEND	
	EXISTING WELL
	WATER SOURCE
	REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP
	REFERENCE NUMBER FOR MINERAL OWNERSHIP
	ALL ARE POINTS UNLESS OTHERWISE NOTED
	MINERAL TRACT BOUNDARY
	PARCEL LINES
	EXISTING HORIZONTAL WELL
	WELL REFERENCE
	STREAM/WATERWAY
	ROAD
	UNIT BOUNDARY
	EXISTING GAS WELL

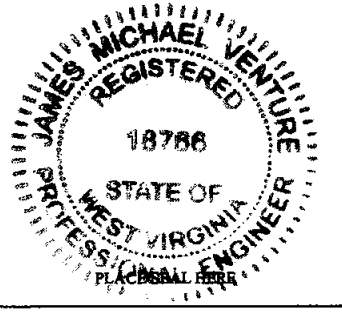
LINE TABLE		
LINE	BEARING	DISTANCE
R1	S88°28'43"E	273.14'
R2	N88°21'54"W	175.36'
R3	N20°58'42"W	137.84'
R4	N57°38'50"W	1777.31'
R5	N47°21'34"E	388.81'

WATER WELLS:
NONE FOUND

FILE #: MND 20 BU - AS DRILLED
DRAWING #: MND 20 BU - AS DRILLED
SCALE: 1"=2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 638.58'

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.

SIGNED:
R.P.E.: 21452 L.L.S.: P.S. NO. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: SHORT CREEK-OHIO RIVER
COUNTY/DISTRICT: MARSHALL / FRANKLIN
SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY
OIL & GAS ROYALTY OWNER: CNX GAS COMPANY

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: POINT PLEASANT
WELL OPERATOR: HG ENERGY II APPALACHIA, LLC
Address: 5260 DUPONT ROAD
City PARKERSBURG State WV Zip Code 26101



DATE: MARCH 27, 2020
OPERATOR'S WELL #: MND 20 BU
API WELL # 47 051 02012
STATE COUNTY PERMIT

PAGE: 1 OF 4

ELEVATION: 1,058'
QUADRANGLE: POWHATAN POINT, W. VA./OHIO
ACREAGE: 70.55
ACREAGE: 70.55
ESTIMATED DEPTH: TVD: 10,969' TMD: 24,325 LATERAL: 12,650
DESIGNATED AGENT: DIANE C. WHITE
Address: 5260 DUPONT ROAD
City PARKERSBURG State WV Zip Code 26101

Bottom Hole is located on topo map 8,495 feet south of Latitude: 39° 50' 00"

Well is located on topo map 5,710 feet south of Latitude: 39° 52' 30"

NOTES:

1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

Bottom Hole is located on topo map 3,226 feet west of Longitude: 80° 45' 00"
 Well is located on topo map 8,531 feet west of Longitude: 80° 47' 30"

AS DRILLED

SURFACE HOLE LOCATION (SHL)

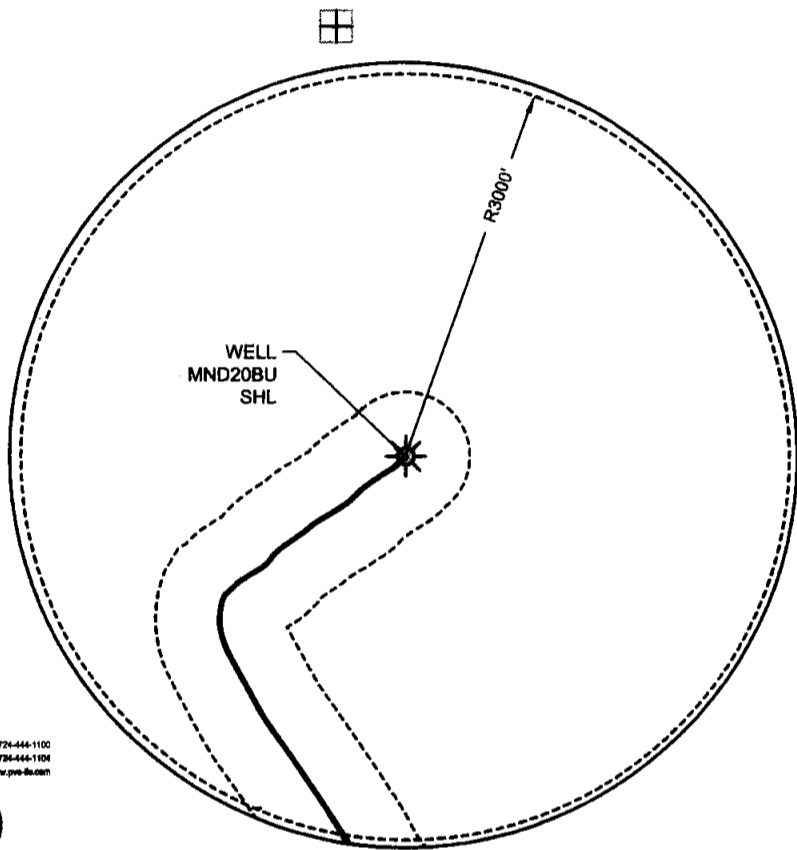
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 E: 516838.1
 NAD27, WV NORTH
 N: 484848.5
 E: 1634065.2
 LAT/LON DATUM-NAD83
 LAT: 38.851695
 LON: -80.803153

APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4410858.3
 E: 516530.8
 NAD27, WV NORTH
 N: 482881.9
 E: 1633037.3
 LAT/LON DATUM-NAD83
 LAT: 38.845781
 LON: -80.806773

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4407542.8
 E: 518797.0
 NAD27, WV NORTH
 N: 482480.5
 E: 1640303.1
 LAT/LON DATUM-NAD83
 LAT: 38.81661
 LON: -80.780374



DETAIL:
 SCALE: 1"=1,500'
 NO DEEP WELLS PRESENT

LEGEND	
	TOPO MAP POINT
	TOPO MAP BOTTOM HOLE

Woodford Corporate Park III, Suite 101
 2000 Changewater Drive
 Beckley, PA 17815

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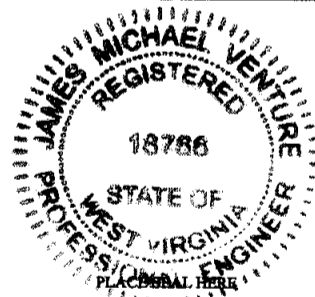
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 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 70.55

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 City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

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 183 CONSOLIDATION COAL COMPANY
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 187 CONSOLIDATION COAL COMPANY
 188 OHIO POWER CO.
 189 CONSOLIDATION COAL COMPANY
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 192 CONSOLIDATION COAL COMPANY
 193 CONSOLIDATION COAL COMPANY
 194 OHIO POWER CO.
 195 CNX GAS COMPANY LLC.
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 198 CONSOLIDATION COAL COMPANY
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 200 CONSOLIDATION COAL COMPANY
 201 OHIO POWER CO.
 202 SANCHEZ GENEVA BASSETT
 203 OHIO POWER CO.
 204 AEP GENERATION RESOURCES INC.
 205 AEP GENERATION RESOURCES INC.
 206 CONSOLIDATION COAL COMPANY
 207 AEP GENERATION RESOURCES INC.
 208 AEP GENERATION RESOURCES INC.
 209 CONSOLIDATION COAL COMPANY
 210 CONSOL MINING COMPANY LLC.
 211 GATTS RICHARD L. - LIFE
 212 MILLER EDWIN C.
 213 GATTS RICHARD L. - LIFE
 214 MURRAY ENERGY C/O LAND DEPT.
 215 CONSOLIDATION COAL COMPANY
 216 CONSOLIDATION COAL COMPANY
 217 CONSOLIDATION COAL COMPANY
 218 CONSOLIDATION COAL COMPANY
 219 CONSOLIDATION COAL COMPANY
 220 CONSOLIDATION COAL COMPANY
 221 MITCHELL TAMMY L.
 222 BERRISFORD C. WAYNE
 223 SHIELDS ROBERT L & DONALD
 224 SELLS JARED C.

TAX MAP NO. 05-0005-0012-0000-0000
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325 JOGNSON NORMAN G. ET. UX. - LIFE
 326 BOARD OF EDUCATION
 327 RUCKMAN LETHA I
 328 RUCKMAN MARY D.
 329 WHITE GLORIA JEAN
 330 NOBEL ENERGY INC.
 331 WALLACE KEVIN W.
 332 GOUDY JOGN JOSEPH
 333 KLEM ANNE C.
 334 PERSINGER CLAYTON LEE ET. UX.
 335 PERSINGER CLAYTON LEE ET. UX.
 336 SCOTT RAYMOND A. JR. & LARRIETTE
 337 VANSYCOC ISAAC LUKE
 338 MORRIS JUNE
 339 UNITED STATES OF AMERICA NAVIGABLE WATERWAYS
 340 NIEMAN FRANCES E.
 341 CLARK BEVERLY E.
 342 RUCKMAN SHELDON R. ET. AL.
 343 CALVARY M. E. CHURCH & CEMETERY
 344 CALVARY M. E. CHURCH & CEMETERY
 345 CALVARY M. E. CHURCH & CEMETERY
 346 OHIO POWER COMPANY
 347 OHIO POWER COMPANY
 348 OHIO POWER COMPANY
 349 OHIO POWER COMPANY
 350 OHIO POWER COMPANY
 351 CONSOLIDATION COAL COMPANY
 352 CONSOLIDATION COAL COMPANY
 353 CONSOLIDATION COAL COMPANY
 354 JACKSON NORMAN THOMAS ET. AL.
 355 UNKNOWN
 356 ARRUDA JOHN F. ET. UX.
 357 WV DIVISION OF NATURAL RESOURCES

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 TAX MAP NO. 05-0005-0004-0001-0000
 REFERENCE NO. Q-081860000

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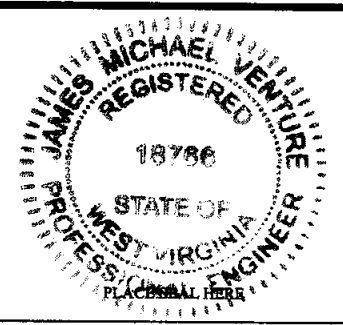
Civil Engineering | Land Development | Structure Design
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LEGEND	
100	REFERENCE NUMBER FOR SURFACE PARCEL OWNERS
1	REFERENCE NUMBER FOR MINERAL OWNERSHIP

FILE #: MND 20 BU - AS DRILLED
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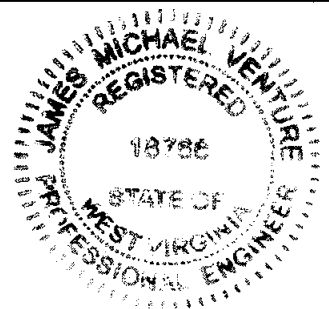
①	05-0001-0003-0000-0000	Behinds Edly the Behinds Page Hoover, a married women dealing in her sole and separate property	338
		Dara Marner and Douglas D. Marner, both individually and as wife and husband	
		Jessica McHabb the Jessica Faye Hoover, a married woman dealing in her sole and separate property	
		Cheryl Sullivan, a single woman	
		George H. Wells and Nancy Ekfund Wells, both individually and as husband and wife	
		William C.M. Wilson and Hiram C. Wilson, as Trustees of The Nancy L. Wilson Revocable Trust	
		Wayland W. Bowser, a married man dealing in his sole and separate property	
		Barbara G. Mathews, by Gay L. Mathews, Her Attorney in Fact	
		HG Energy, LLC	
②	05-0001-0002-0001-0000	HG Energy, LLC	340
③	05-0001-0010-0000-0000	Ruth Ann Ferris	336
		Larry F. Jefferson	
		Noble Marcellus, LP	
		Anacapa Holdings, LLC	
		HG Energy, LLC	
④	05-0001-0011-0000-0000	HG Energy, LLC	373
⑤	05-0001-0012-0000-0000	Susan Witten Neal Meyers AKA Susan Neal Ifield Meyeres, individually, and as Susan N. Meyers, Trustee of the Susan N. Meyers Revocable Trust	335
	05-0001-0015-0000-0000	Mary Witten Neal Wiseman FKA Mary Witten Neal	
		Mary Witten Hart Ehlers	
		Margery J. Witten	
		Joseph Moore Neal	
		Jane Witten Voth	
		Frances Gale Neal	
		Dorothy Ann Neal by her POA Jerry L. Berthold	
		Donald R. Hart Jr.	
		Cathy Hart Price	
		Ann Alexander	
		Jane R. Petarselm AKA Jane Petarselm	
		HG Energy, LLC	
⑥	05-0001-0013-0000-0000	HG Energy, LLC	305
⑦	05-0001-0016-0000-0000	HG Energy, LLC	304
⑧	05-0006-0003-0000-0000	HG Energy, LLC	300
⑨	05-0002-0001-0000-0000	HG Energy, LLC	316
⑩	05-0002-0003-0000-0000	HG Energy, LLC	334
⑪	05-0002-0002-0000-0000	HG Energy, LLC	315
⑫	05-0006-0003-0000-0000	HG Energy, LLC	300
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⑯	05-0006-0003-0000-0000	HG Energy, LLC	300
	05-0006-0004-0000-0000		311
⑰	05-0005-0002-0000-0000	Margaret Games	318
		Elizabeth Patterson	
		Charles J. Wisner	
		John Wisner	
		Kenneth Schmitt	
		Mary Ellen Sedon	
		Alfred Kaczorowski, Jr., & Sharon M. Kaczorowski, his wife	
⑱	05-0006-0003-0000-0000	HG Energy, LLC	300
⑲	05-0005-0003-0000-0000	AEP Generation Resources Inc. and Kentucky Power Company	319

⑳	05-0008-0002-0000-0000	HG Energy, LLC	313
㉑	05-0005-0004-0000-0000	Barbara Kay Ewing and Wilber E. Ewing	320
		Charles Howard Bassett JR and Ruby D. Bassett	
		Cynthia P. Hopkins, as Trustee of the Cynthia P. Hopkins Revocable Trust	
		Elizabeth A. Strusbaugh and James R. Strusbaugh	
		Janet and John Blankenship	
		Jean C. Thomas	
		Mary E. Bassett	
		Robert B. and Violet Thomas	
		Roger B. and Inban P. Rose	
		Ruth Ann and Furman F. Wallace	
		Ruth E. Bassett Meadows and O.W. Meadows Jr	
		Geneva Bassett Sanchez	
㉒	05-0008-0003-0000-0000	Tammy L. Mitchell et vir	341
㉓	05-0008-0005-0000-0000	Richard J. Getts	331
㉔	No Tract ID #	WV Division of Natural Resources	380
㉕	05-0005-0004-0001-0000	WV Division of Natural Resources	379

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