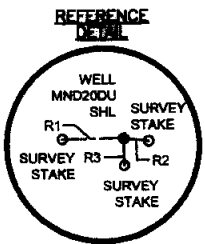


LINE	BEARING	DISTANCE
R1	N80°03'48"E	317.67'
R2	N83°43'12"W	131.55'
R3	N01°54'08"W	141.25'
R4	N66°34'15"W	1748.73'
R5	N80°07'06"E	407.29'

- 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.
 7. Parcel coded as 300 is also bounded by parcels coded as (from North to South): 374, 368, 306, 302, 301, and 309.
 8. Parcel coded as 206 has all adjacent parcels shown on map.



- SYMBOLS**
- 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

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 F: 724-444-1104

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FILE #: MND 20 DU - AS DRILLED

 DRAWING #: MND 20 DU - AS DRILLED

 SCALE: 1"=2000'

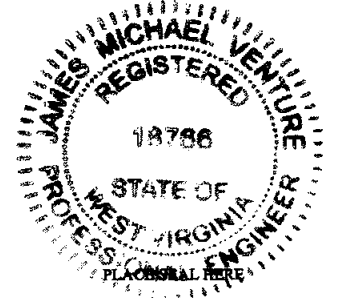
 MINIMUM DEGREE OF ACCURACY: 1/2500

 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 ELEVATION: 1058'

 COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, W. VA./OHIO

 SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY ACREAGE: 70.55

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

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 ESTIMATED DEPTH: TVD: 11,077' TMD: 27,200 LATERAL: 15,434

 WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE

 Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD

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



DATE: MARCH 27, 2020

 OPERATOR'S WELL #: MND 20 DU

 API WELL # 47 051 02014

 STATE COUNTY PERMIT

PAGE: 1 OF 4

Bottom Hole is located on topo map 5,598 feet south of Latitude: 39° 50' 00"

Well is located on topo map 8,482 feet south of Latitude: 39° 52' 30"

AS DRILLED

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
N: 4411319.6
E: 518852.6
NAD27, WV NORTH
N: 484880.8
E: 1634129.6
LAT/LON DATUM - NAD83
LAT: 38.851731
LON: -80.802985

APPROX. LANDING POINT

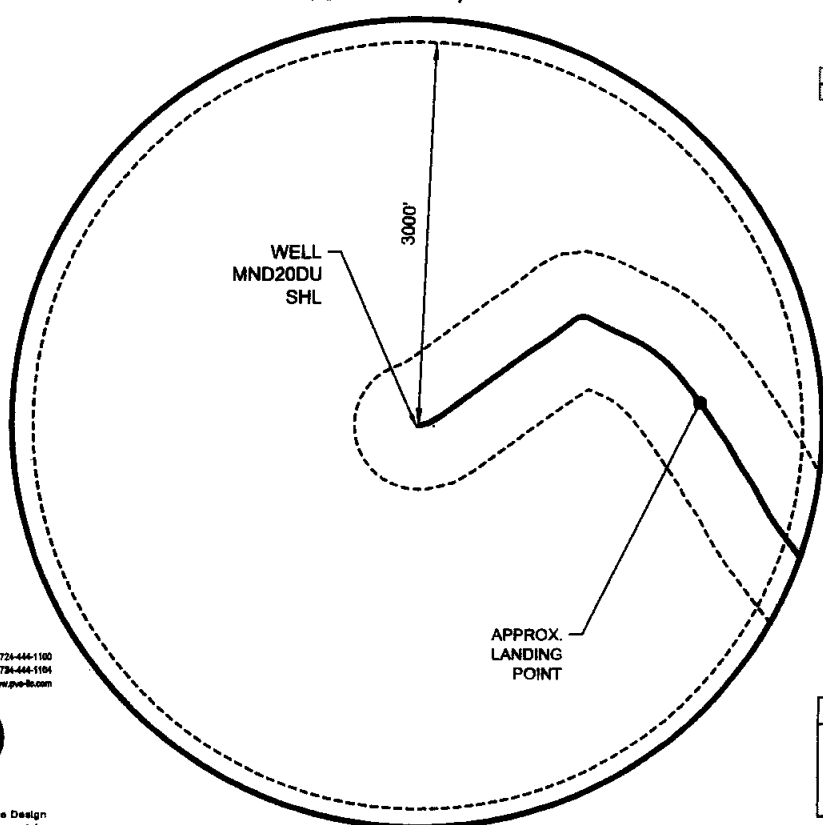
UTM 17 - NAD83
N: 4411385.2
E: 517521.4
NAD27, WV NORTH
N: 485138.6
E: 1636327.7
LAT/LON DATUM - NAD83
LAT: 38.852308
LON: -80.795176

BOTTOM HOLE LOCATION

UTM 17 - NAD83
N: 4407578.8
E: 520270.8
NAD27, WV NORTH
N: 482487.8
E: 1645141.2
LAT/LON DATUM - NAD83
LAT: 38.817952
LON: -80.783153

Bottom Hole is located on topo map 3,686 feet west of Longitude: 80° 45' 00"
Well is located on topo map 3,181 feet west of Longitude: 80° 47' 30"

DETAIL:
SCALE: 1"=1,500'



Waterford Corporate Park III, Suite 101
2003 Chesapeake Drive
Newberry, PA 15143

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FILE #: MND 20 DU - AS DRILLED

DRAWING #: MND 20 DU - AS DRILLED

SCALE: 1"=2000'

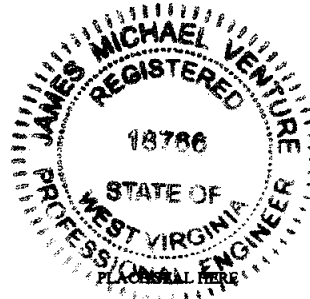
MINIMUM DEGREE
OF ACCURACY: 1/2500

PROVEN SOURCE U.S.G.S. MONUMENT
OF ELEVATION: H 138: 638.58'

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SIGNED: [Signature]

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(+) 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 DU

API WELL # 47 051 02014
STATE COUNTY PERMIT

PAGE: 2 OF 4

ELEVATION: 1058'

QUADRANGLE: POWHATAN POINT, W. VA/OHIO

ACREAGE: 70.55

ACREAGE: 70.55

ESTIMATED DEPTH: TVD: 11,077' TMD: 27,200 LATERAL: 15,434

DESIGNATED AGENT: DIANE C. WHITE

Address: 5260 DUPONT ROAD

City PARKERSBURG State WV Zip Code 26101

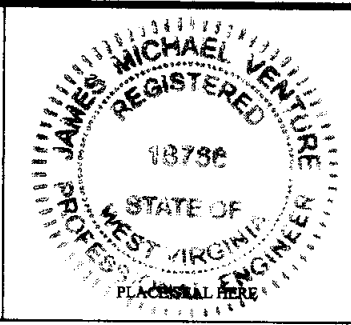
(1)	05-0001-0000-0000	Hubbard Eddy Ben Barbara Papp Hoover	336
		Steve Messer and Douglas D. Messer	
		Janice Michelle Ben Janice Papp Hoover	
		Cheryl Sullivan, a single woman	
		George H. White and Nancy Ethel White	
		William C.M. Wilson and Miriam C. Wilson	
		Wayne W. Rouser	
		Richard G. Matthews, by Gay L. Matthews, Her Attorney in Fact	
		CNX Gas Company, LLC	
(2)	05-0001-0001-0000	Noble Energy, Inc.	340
(3)	05-0001-0001-0000	North Ann Park	336
		Larry F. Johnson	
		Noble Energy, LP	
		Amecoma Holdings, LLC	
		Consolidation Coal Company	
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
(4)	05-0001-0001-0000	Noble Energy, Inc.	335
(5)	05-0001-0001-0000	Consolidation Coal Company	
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
(6)	05-0001-0001-0000	CNX Gas Company, LLC	338
		Noble Energy, Inc.	
(7)	05-0001-0001-0000	CNX Gas Company, LLC	205
		Noble Energy, Inc.	
(8)	05-0001-0001-0000	Wayne W. Rouser	201
		Mary L. Whitman	
		North Ann Park	
		Larry F. Johnson	
		Cheryl Sullivan	
		Barbara G. Matthews, by Gay L. Matthews,	
		Hubbard Eddy Ben Barbara Papp Hoover	
		Sarah Rasmussen, married	
		Steve Messer and Douglas D. Messer	
		Janice Michelle Ben Janice Papp Hoover	
		George H. White and Nancy Ethel White	
		William C.M. Wilson and Miriam C. Wilson	
		Wayne W. Rouser	
		Consolidation Coal Company	
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
(9)	05-0001-0001-0000	James Ray Powers & Robert L. Powers	128
		Clara Lynn Gill	
		William Gary & Nancy L. Messer	
		George Michael & Pamela S. Messer	
		Edith Marie Minton	
		Marilyn Ann Brown	
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
(10)	05-0001-0001-0000	James Ray Powers & Robert L. Powers	128
		Clara Lynn Gill	
		William Gary & Nancy L. Messer	
		George Michael & Pamela S. Messer	
		Edith Marie Minton	
		Marilyn Ann Brown	
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
(11)	05-0001-0001-0000	Noble Energy, Inc.	130
(12)	05-0001-0001-0000	Noble Energy, Inc.	334
(13)	05-0001-0001-0000	Noble Energy, Inc.	193
(14)	05-0001-0001-0000	Noble Energy, Inc.	381
(15)	05-0001-0001-0000	Noble Energy, Inc.	175
(16)	05-0001-0001-0000	John Alfred Tynney and Susan Tynney, both individually and as husband and wife	200
		Shirley A. Tynney aka Ellen Albert Tynney, and Mary L. Tynney, both individually and as husband and wife	
		Deloris Kathleen Anderson and Raymond H. Anderson, both individually and as wife and husband	
		Consolidation Coal Company	
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
(17)	05-0001-0001-0000	Consolidation Coal Company	300
		CNX Gas Company, LLC	317
		Noble Energy, Inc.	
(18)	05-0001-0001-0000	Robert W. Gray, Jr., et al	174
		Chesron U.S.A. Inc.	114
		Noble Energy, Inc.	
(19)	05-0001-0001-0000	Thomas R. Barnhart	192
		TriEnergy Holdings	113
		Chesron USA INC	
(20)	05-0001-0001-0000	Andrew M. Fasoulatos, et ux	173
		Michael Andrew Fasoulatos	
		Tena Marie Stelm	

(21)	05-0001-0001-0000	All the above leases from NOBLE ENERGY INC	184
		Wesbanco Bank, Trustee John T. Gallaher EST	
		James D. Potts and Nancy C. Potts	
		Noble Energy, Inc.	
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
(22)	05-0001-0001-0000	Margaret Gaines	318
		Elizabeth Patterson	
		Charles J. Wiesner	
		John Wiesner	
		Kenneth Schmitt	
		Mary Ellen Sedon	
		Alfred Kaczorowski, Jr., & Sharon M. Kaczorowski, his wife	
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
(23)	05-0001-0001-0000	Consolidation Coal Company	329
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
(24)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	183
		Noble Energy, Inc.	
(25)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	171
		Noble Energy, Inc.	
(26)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	327
		Noble Energy, Inc.	
(27)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	324
		Noble Energy, Inc.	
(28)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	326
		Noble Energy, Inc.	
(29)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	171
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(30)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	325
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(31)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	330
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(32)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	321
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(33)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	182
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(34)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	170
		Noble Energy, Inc.	
(35)	05-0001-0001-0000	AEP Generation Resources Inc. and Kentucky Power Company	169
		Noble Energy, Inc.	
(36)	05-0001-0001-0000	Terry Holman	387
		TriEnergy Holdings	
		Chevron USA INC	
(37)	05-0001-0001-0000	Jessal Gladys Ruckman Et Al	392
		Noble Energy, Inc.	
(38)	05-0001-0001-0000	Terry Holman	384
		TriEnergy Holdings	
		Chevron USA INC	
(39)	05-0001-0001-0000	MCCURTUCK DALE ET UX	168
		CHEVRON USA INC	
		MILLER CHARLES W	
(40)	05-0001-0001-0000	PARSONS PAUL ET UX	388
		RUSSELL SHARON LYNN	
		HUFF TIMOTHY ET UX	
		ANNOLD LLOYD C ET UX	
		CHRON MARY JO	
		KURPIL RICHARD ET UX	
		CLIFTON CLARA MAE	
		EDWARDS GEORGE ET UX	
		KYLE DONNA PAE	
		CONNER JUDITH MAY	
		SCHIBELHOOD PAUL ET AL	
		AB RESOURCES LLC	
		NPAR LLC	
		Chevron USA INC	
		SLOUGH ANITA L ET AL	
		AB RESOURCES LLC	
		NPAR LLC	
		Chevron USA INC	
(41)	05-0001-0001-0000	Noble Energy, Inc.	377

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

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SIGNED: [Signature]
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 ELEVATION: 1058' QUADRANGLE: POWHATAN POINT, W. VA/OHIO
COUNTY/DISTRICT: MARSHALL / FRANKLIN ACREAGE: 70.55
SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY ACREAGE: 70.55
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 ESTIMATED DEPTH: TVD: 11,077' TMD: 27,200' LATERAL: 15,434'
WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE
Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD
City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

113 ZION M.E. CHURCH
 114 GRAY ROBERT WILLIAM - LIFE
 115 CONSOLIDATION COAL COMPANY, ET AL.
 116 CONSOLIDATION COAL COMPANY, ET AL.
 117 CONSOLIDATION COAL COMPANY, ET AL.
 118 CONSOLIDATION COAL COMPANY, ET AL.
 119 CONSOLIDATION COAL COMPANY, ET AL.
 120 CNX LAND RESOURCES INC.
 121 AEP GENERATION RESOURCES, INC.
 122 AEP GENERATION RESOURCES, INC.
 123 AEP GENERATION RESOURCES INC.
 124 FASOULETOS ANDREW M. ET. AL.
 125 GRAY ROBERT WILLIAM - LIFE
 126 CONSOLIDATION COAL COMPANY, ET AL.
 127 AEP GENERATION RESOURCES, INC.
 128 AEP GENERATION RESOURCES, INC.
 129 CONSOLIDATION COAL COMPANY, ET AL.
 130 HARTLEY PEGGY S.
 131 POTTS JAMES D. ET. UX.
 132 POTTS JAMES D. ET. UX.
 133 POTTS JAMES D. ET. UX.
 134 POTTS JAMES D. ET. UX.
 135 BARNHART THOMAS K. ET. UX.
 136 CONSOLIDATION COAL COMPANY, ET AL.
 137 CONSOLIDATION COAL COMPANY
 138 CONSOLIDATION COAL COMPANY
 139 CONSOLIDATION COAL COMPANY
 140 CONSOLIDATION COAL COMPANY
 141 OHIO POWER CO.
 142 CONSOLIDATION COAL COMPANY
 143 CONSOLIDATION COAL COMPANY
 144 CONSOLIDATION COAL COMPANY
 145 CONSOLIDATION COAL COMPANY
 146 OHIO POWER CO.
 147 CNX GAS COMPANY LLC.
 148 CONSOLIDATION COAL COMPANY
 149 WV ECONOMIC DEV. AUTHORITY
 150 CONSOLIDATION COAL COMPANY
 151 CONSOLIDATION COAL COMPANY
 152 CONSOLIDATION COAL COMPANY
 153 CONSOLIDATION COAL COMPANY
 154 CONSOLIDATION COAL COMPANY
 155 OHIO POWER CO.
 156 SANCHEZ GENEVA BASSETT
 157 OHIO POWER CO.
 158 AEP GENERATION RESOURCES INC.
 159 AEP GENERATION RESOURCES INC.
 160 CONSOLIDATION COAL COMPANY
 161 AEP GENERATION RESOURCES INC.

TAX MAP NO. 05-0002-0008-0001-0000
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 TAX MAP NO. 04-0014-0002-0000-0000
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326 AEP GENERATION RESOURCES INC.
 327 AEP GENERATION RESOURCES INC.
 328 CONSOLIDATION COAL COMPANY
 329 CONSOL MINING COMPANY LLC.
 330 AEP GENERATION RESOURCES INC.
 331 GATTS RICHARD L. - LIFE
 332 MILLER EDWIN C.
 333 GATTS RICHARD L. - LIFE
 334 MURRAY ENERGY CO LAND DEPT.
 335 CONSOLIDATION COAL COMPANY
 336 CONSOLIDATION COAL COMPANY
 337 CONSOLIDATION COAL COMPANY
 338 CONSOLIDATION COAL COMPANY
 339 CONSOLIDATION COAL COMPANY
 340 RUCKMAN SHELDON R. ET. AL.
 341 OHIO POWER COMPANY
 342 OHIO POWER COMPANY
 343 OHIO POWER COMPANY
 344 OHIO POWER COMPANY
 345 CONSOLIDATION COAL COMPANY
 346 CONSOLIDATION COAL COMPANY
 347 CONSOLIDATION COAL COMPANY
 348 WV DIVISION OF NATURAL RESOURCES
 349 CONSOLIDATION COAL COMPANY
 350 RUCKMAN MARVIN E. ET. UX.
 351 MAXWELL WILLIAM L. JR.
 352 JPM PROPERTIES LLC.
 353 RUCKMAN MARVIN E.
 354 MAXWELL WILLIAM JR.
 355 JPM PROPERTIES LLC.
 356 HOLSTINE BERNARD W. & ROXANN L.
 357 HOLSTINE BERNARD W. & ROXANN L.
 358 LEGG JAMES R. EST.
 359 MCCLINTOCK PATRICIA A.
 360 RUCKMAN JESSIE GLADYS - LIFE
 361 LEGG JEFFERY L.
 362 ANDERSON RHONDA MARIE

TAX MAP NO. 05-0005-0008-0000-0000
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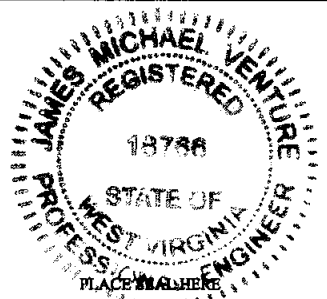


LEGEND	
100	REFERENCE NUMBER FOR SURFACE PARCEL OWNERSHIP
①	REFERENCE NUMBER FOR MINERAL OWNERSHIP

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

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SIGNED: [Signature]
 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



DATE: MARCH 27, 2020
 OPERATOR'S WELL #: MND 20 DU
 API WELL # 47 051 02014
 STATE COUNTY PERMIT
 PAGE: 3 OF 4

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow
 WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1058'
 COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, W. VA./OHIO
 SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY ACREAGE: 70.55
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 70.55
 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 ESTIMATED DEPTH: TVD: 11,077' TMD: 27,200 LATERAL: 15,434
 WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE
 Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101