

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4411119.072
 E: 519310.983
 NAD27, WV NORTH
 N: 494167.914
 E: 1642185.592
 LAT/LON DATUM-NAD83
 LAT: 39.849872
 LON: -80.774263

APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4410962.551
 E: 519431.917
 NAD27, WV NORTH
 N: 493647.654
 E: 1642573.851
 LAT/LON DATUM-NAD83
 LAT: 39.848459
 LON: -80.772854

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4408700.850
 E: 521072.640
 NAD27, WV NORTH
 N: 486135.813
 E: 1647833.859
 LAT/LON DATUM-NAD83
 LAT: 39.828042
 LON: -80.753748

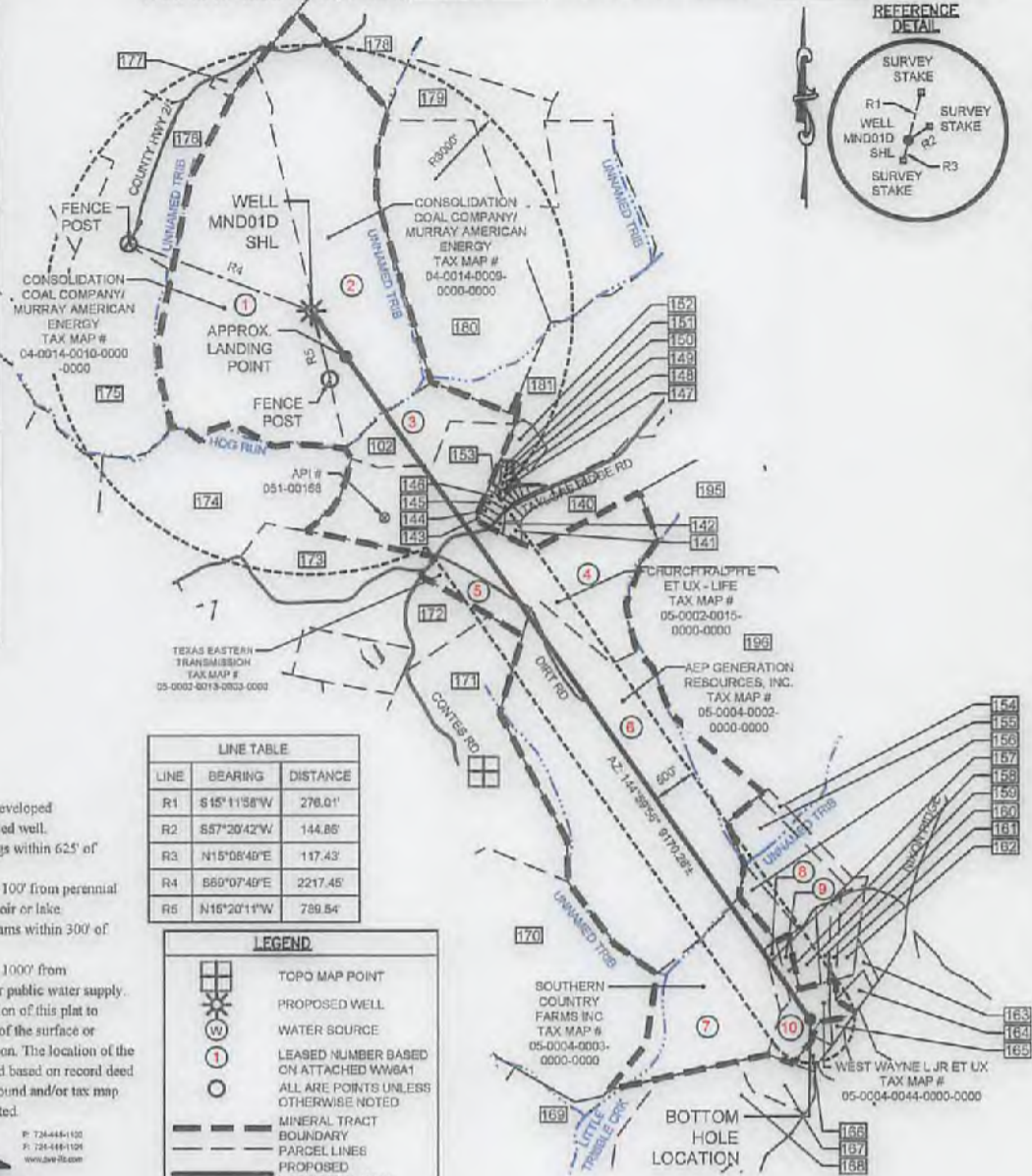
**WATER WELLS:
 NONE FOUND**

Well is located on topo map 9.154 feet south of Latitude: 39° 52' 30"

**REFERENCE
 DETAIL**



Well is located on topo map 6.812 feet west of Longitude: 80° 45' 00"



LINE	BEARING	DISTANCE
R1	S45°11'58"W	278.01'
R2	S57°20'42"W	144.85'
R3	N15°08'40"E	117.43'
R4	S69°07'49"E	2217.45'
R5	N15°20'11"W	789.84'

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WW6A1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD
- EXISTING GAS WELL

NOTES:

- There are no water wells or developed springs within 250' of proposed well.
- There are no existing buildings within 625' of proposed well.
- Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
- There are no native trout streams within 300' of proposed well.
- Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
- 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.

Subsidiary Corporate Park II, Suite 101
 2008 Georgetown Drive
 Sewickley, PA 15141

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 F: 724-444-1101
 www.pve.com

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

FILE #: MND 01 DHS
 DRAWING #: MND 01 DHS
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE: U.S.G.S. MONUMENT
 OF ELEVATION: 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.: 18766 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: FEBRUARY 12, 2015 - REV JANUARY 05, 2018
 OPERATOR'S WELL #: MND 01 DHS
 API WELL # 47 051 01836 H6A
 STATE COUNTY PERMIT

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

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1150.00'
 COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: POWHATAN POINT, W. VA./OHIO
 SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY ACREAGE: 126.99
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY, LLC, ET AL. ACREAGE: 126.99

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: MARCELLUS ESTIMATED DEPTH: TVD: 6,175' ± TMD: 15,713' ±
 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

05/04/2018

Bottom hole is located on topo map 14.072 feet south of Latitude: 39° 52' 00"

Well is located on topo map 1.053 feet west of Longitude: 80° 45' 00"

102	CHAPLIN, RALPH & ELLA	TAX MAP NO. 05-0002-0019-0000-0000
140	CHAPLIN, WAYNE R & TINA	TAX MAP NO. 05-0003-0001-0000-0000
141	MILLER ROBERT C. ET. UX.	TAX MAP NO. 05-003A-0006-0000-0000
142	MILLER ROBERT C. ET. UX.	TAX MAP NO. 05-003A-0005-0000-0000
143	CHURCH RALPH E. ET. UX.	TAX MAP NO. 05-003A-0001-0000-0000
144	NORRIS SANDRA E. - LIFE	TAX MAP NO. 05-003A-0002-0000-0000
145	WHITE, STUART, ET. UX.	TAX MAP NO. 05-003A-0003-0000-0000
146	WILSON JOHN T. ET. UX.	TAX MAP NO. 05-003A-0004-0000-0000
147	MCILVAIN, WILLIAM R & KIMBERLY	TAX MAP NO. 05-003A-0013-0000-0000
148	DURIG RAYMOND CRAIG	TAX MAP NO. 05-003A-0042-0000-0000
149	EBERT JOE SR. ET. UX.	TAX MAP NO. 05-003A-0040-0000-0000
150	MARTIN SAMUEL J. ET. UX.	TAX MAP NO. 05-003A-0039-0000-0000
151	GARRISON WARD D. & LORI A	TAX MAP NO. 05-003A-0038-0000-0000
152	HEREFORD LAWRENCE R. & ALANDA S.	TAX MAP NO. 05-003A-0056-0000-0000
153	RECREATION AREA FOR TAYLOR MANOR DEVELOPMENT	
154	DILLE STEVEN & ASHLEY	TAX MAP NO. 05-0004-0003-0008-0000
155	BAUNDERS, ELIGENE L.	TAX MAP NO. 05-0004-0003-0014-0000
156	SOUTHERN COUNTRY FARMS INC.	TAX MAP NO. 05-0004-0003-0013-0000
157	DOTTY, JAMES H. & MELANIE A.	TAX MAP NO. 05-0004-0034-0000-0000
158	DOTTY, JAMES H. & MELANIE A.	TAX MAP NO. 05-0004-0034-0001-0000
159	SCUTHERN COUNTRY FARMS INC.	TAX MAP NO. 05-0004-0025-0000-0000
160	FRANKLIN LEE WARD	TAX MAP NO. 05-0004-0024-0000-0000
161	UNKNOWN	
162	COLADONATO, STEPHEN	TAX MAP NO. 05-0004-0021-0000-0000
163	MARTIN SHARK ET. UX.	TAX MAP NO. 05-0000-0029-0000-0000
164	MARTIN SHARK ET. UX.	TAX MAP NO. 05-0004-0030-0000-0000
165	ALLMAN, KYLE MICHAEL	TAX MAP NO. 05-0004-0003-0001-0000
166	WEST WAYNE L. JR. ET. UX.	TAX MAP NO. 05-0004-0003-0003-0000
167	WEST WAYNE L. JR. ET. UX.	TAX MAP NO. 05-0004-0013-0001-0000
168	CNX LAND RESOURCES	TAX MAP NO. 05-0013-0000-0000-0000
169	AEP GENERATION RESOURCES INC.	TAX MAP NO. 05-0004-0016-0000-0000
170	AEP GENERATION RESOURCES INC.	TAX MAP NO. 05-0004-0001-0000-0000
171	AEP GENERATION RESOURCES INC.	TAX MAP NO. 05-0002-0013-0005-0000
172	TEXAS EASTERN TRANSMISSION	TAX MAP NO. 05-0002-0013-0000-0000
173	FASOULETOS ANDREW M. ET. AL.	TAX MAP NO. 05-0002-0009-0000-0000
174	GRAY ROBERT WILLIAM - LIFE	TAX MAP NO. 05-0002-0006-0000-0000
175	CONSOLIDATION COAL COMPANY, ET AL.	TAX MAP NO. 04-0014-0011-0000-0000
176	TSCHAPPAT ROBERT E. SR. ET. UX.	TAX MAP NO. 04-0014-0006-0000-0000
177	TSCHAPPAT ROBERT E. JR. ET. UX.	TAX MAP NO. 04-0014-0006-0001-0000
178	RINE WENDELL B. & CAROLYN S.	TAX MAP NO. 04-0014-0007-0000-0000
179	ESTEP EUGENE C. & ELIZABETH A.	TAX MAP NO. 04-0013-0002-0000-0000
180	CONSOLIDATION COAL COMPANY, ET AL.	TAX MAP NO. 04-0014-0006-0000-0000
181	MCCLURE CHARLES L. ET. UX.	TAX MAP NO. 05-0002-0016-0000-0000
185	CHAPLIN RALPH & ELLA	TAX MAP NO. 05-0003-0005-0000-0000
190	HOWE RUSSELL BLAINE ET. UX. - LIFE	TAX MAP NO. 05-0003-0031-0000-0000

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Parkersburg, WV 26101

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Civil Engineering | Land Development | Structure Design
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H6A

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