

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4411110.407
 E: 519307.925
 NAD27, WV NORTH
 N: 494139.648
 E: 1642175.083
 LAT/LON DATUM-NAD83
 LAT: 39.849794
 LON: -80.774299

APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4410758.345
 E: 519128.387
 NAD27, WV NORTH
 N: 492994.214
 E: 1641566.553
 LAT/LON DATUM-NAD83
 LAT: 39.845626
 LON: -80.776408

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4408562.857
 E: 520938.631
 NAD27, WV NORTH
 N: 484705.898
 E: 1647370.123
 LAT/LON DATUM-NAD83
 LAT: 39.824099
 LON: -80.755328

**WATER WELLS:
 NONE FOUND**

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.

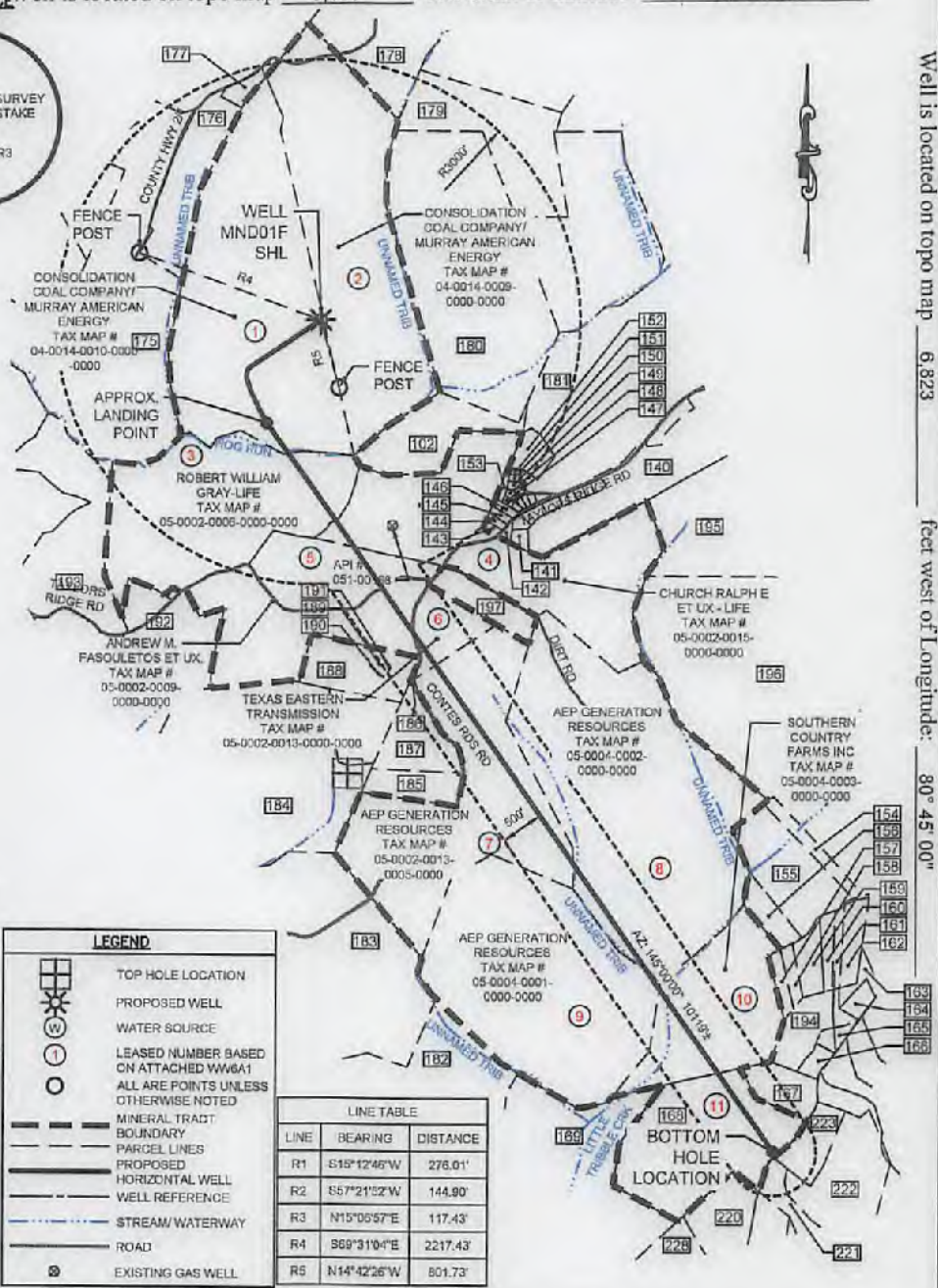
REFERENCE DETAIL



Well is located on topo map 9,183 feet south of Latitude: 39° 52' 30"

Well is located on topo map 6,823

feet west of Longitude: 80° 45' 00"



Wellhead Corporate Park II, Suite 101
 200 Remembrance Drive
 Seneca, PA 15782

P: 724-446-1100
 F: 724-446-1104
 www.pve.com

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

FILE #: MND 01 FHS

DRAWING #: MND 01 FHS

SCALE: 1"=200'

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.: 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 FHS

API WELL # 47 051 01838 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: POWATAN POINT, W. VA./OHIO

SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY ACREAGE: 128.99

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: 16,857' ±

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

05/11/2018

Bottom hole is located on topo map 12,472 feet south of Latitude: 39° 51' 30"

Bottom hole is located on topo map 1,497 feet west of Longitude: 80° 45' 00"

140	CHAPLIN, RALPH & ELLA	TAX MAP NO. 05-0002-0018-0000-0000
141	CHAPLIN, WAYNE & TINA	TAX MAP NO. 05-0003-0001-0000-0000
142	MILLER ROBERT C. ET. UX.	TAX MAP NO. 05-003A-0006-0000-0000
143	MILLER ROBERT C. ET. UX.	TAX MAP NO. 05-003A-0006-0000-0000
144	CHURCH RALPH E. ET. UX.	TAX MAP NO. 05-003A-0001-0000-0000
145	NORRIS SANDRA E. - LIFE	TAX MAP NO. 05-003A-0002-0000-0000
146	WHITE STUART, ET. UX.	TAX MAP NO. 05-003A-0003-0000-0000
147	WILSON JOHN T. ET. UX.	TAX MAP NO. 05-003A-0004-0000-0000
148	MCILVAIN, WILLIAM R & KIMBERLY	TAX MAP NO. 05-003A-0043-0000-0000
149	DURIG RAYMOND CRAIG	TAX MAP NO. 05-003A-0042-0000-0000
150	EBERT JOE SR. ET. UX.	TAX MAP NO. 05-003A-0040-0000-0000
151	MARTIN SAMUEL J. ET. UX.	TAX MAP NO. 05-003A-0039-0000-0000
152	GARRISON WARD D. & LORRI A	TAX MAP NO. 05-003A-0038-0000-0000
153	HEREFORD LAWRENCE R. & ALANDA S.	TAX MAP NO. 05-003A-0056-0000-0000
154	RECREATION AREA FOR TAYLOR MANOR DEVELOPMENT	
155	DILLE STEVEN & ASHLEY	TAX MAP NO. 05-0004-0003-0008-0000
156	SAUNDERS, EUGENE L.	TAX MAP NO. 05-0004-0003-0014-0000
157	SOUTHERN COUNTRY FARMS INC.	TAX MAP NO. 05-0004-0003-0013-0000
158	DOTY JAMES H. & MELANIE A.	TAX MAP NO. 05-0004-0004-0000-0000
159	DOTY JAMES H. & MELANIE A.	TAX MAP NO. 05-0004-0004-0001-0000
160	SOUTHERN COUNTRY FARMS INC.	TAX MAP NO. 05-0004-0025-0000-0000
161	FRANKLIN LEE WARD	TAX MAP NO. 05-0004-0024-0000-0000
162	UNKNOWN	
163	COLADONATO, STEPHEN	TAX MAP NO. 05-0004-0021-0000-0000
164	MARTIN SHARK ET. UX.	TAX MAP NO. 05-0004-0029-0000-0000
165	MARTIN SHARK ET. UX.	TAX MAP NO. 05-0004-0030-0000-0000
166	ALLMAN KYLE MICHAEL	TAX MAP NO. 05-0004-0003-0001-0000
167	WEST, WAYNE L. JR. ET. UX.	TAX MAP NO. 05-0004-0003-0003-0000
168	WEST WAYNE L. JR. ET. UX.	TAX MAP NO. 05-0004-0013-0001-0000
169	CNX LAND RESOURCES INC.	TAX MAP NO. 05-0004-0013-0000-0000
170	AEP GENERATION RESOURCES, INC.	TAX MAP NO. 05-0004-0015-0000-0000
171	CONSOLIDATION COAL COMPANY, ET AL	TAX MAP NO. 04-0014-0011-0000-0000
172	TSCHAPPAT ROBERT E. SR. ET. UX.	TAX MAP NO. 04-0014-0006-0000-0000
173	TSCHAPPAT ROBERT E. JR. ET. UX.	TAX MAP NO. 04-0014-0006-0001-0000
174	RINE WENDELL B. & CAROLYN S.	TAX MAP NO. 04-0014-0007-0000-0000
175	ESTEP EUGENE C. & ELIZABETH A.	TAX MAP NO. 04-0013-0002-0000-0000
176	CONSOLIDATION COAL COMPANY, ET AL	TAX MAP NO. 04-0014-0008-0000-0000
177	MCCLURE CHARLES L. ET. UX.	TAX MAP NO. 05-0002-0018-0000-0000
178	AEP GENERATION RESOURCES, INC.	TAX MAP NO. 05-0005-0012-0000-0000
179	AEP GENERATION RESOURCES, INC.	TAX MAP NO. 05-0005-0011-0000-0000
180	CONSOLIDATION COAL COMPANY, ET AL	TAX MAP NO. 05-0002-0012-0000-0000
181	HARTLEY PEGGY S.	TAX MAP NO. 05-0002-0013-0004-0000
182	POTTS JAMES D. ET. UX.	TAX MAP NO. 05-0002-0013-0006-0000
183	POTTS JAMES D. ET. UX.	TAX MAP NO. 05-0002-0013-0002-0000
184	POTTS JAMES D. ET. UX.	TAX MAP NO. 05-0002-0010-0000-0000
185	JASENEC RUDY ET. UX.	TAX MAP NO. 05-0002-0010-0002-0000
186	JASENEC RUDY ET. UX.	TAX MAP NO. 05-0002-0010-0001-0000
187	JASENEC RUDY ET. UX.	TAX MAP NO. 05-0002-0010-0003-0000
188	BARNHART THOMAS K. ET. UX.	TAX MAP NO. 05-0002-0008-0000-0000
189	CONSOLIDATION COAL COMPANY, ET AL	TAX MAP NO. 05-0002-0006-0000-0000
190	WEST WAYNE L. JR. ET. UX.	TAX MAP NO. 05-0004-0044-0000-0000
191	CHAPLIN RALPH & ELLA	TAX MAP NO. 05-0003-0005-0000-0000
192	HOWE RUSSELL BLAINE ET. UX. - LIFE	TAX MAP NO. 05-0003-0031-0000-0000
193	ANDERSON RHONDA MARIE	TAX MAP NO. 05-0004-0014-0001-0000
194	CNX LAND RESOURCES INC.	TAX MAP NO. 05-0004-0010-0000-0000
195	CNX LAND RESOURCES INC.	TAX MAP NO. 05-0004-0011-0001-0000
196	CNX LAND RESOURCES INC.	TAX MAP NO. 05-0004-0012-0000-0000
197	HOLSTINE BERNARD W. & ROXANN L	TAX MAP NO. 05-0004-0014-0000-0000

LEGEND

- BOTTOM HOLE LOCATION
- TOP HOLE LOCATION
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WWB#1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD
- EXISTING GAS WELL

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