

BHL is located on topo map 9,510 feet south of Latitude: 39°25'00"
 SHL is located on topo map 7,925 feet south of Latitude: 39°22'30"



SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

SEE PAGE 3 FOR SURFACE OWNERS AND LESSORS

BHL is located on topo map 6,964 feet west of Longitude: 80°50'00"
 SHL is located on topo map 3,431 feet west of Longitude: 80°50'00"

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83 N:4355989.06 E:513314.60 NAD83, WV NORTH N:313623.922 E:1588050.621 LAT/LON DATUM-NAD83 LAT:39°21'11.679" LON:80°50'43.677"	UTM 17-NAD83 N:4356176.54 E:513665.25 NAD83, WV NORTH N:314219.945 E:1589211.549 LAT/LON DATUM-NAD83 LAT:39°21'17.741" LON:80°50'29.012"	UTM 17-NAD83 N:4360128.35 E:512230.33 NAD83, WV NORTH N:327266.471 E:1584719.261 LAT/LON DATUM-NAD83 LAT:39°23'26.010" LON:80°51'28.709"



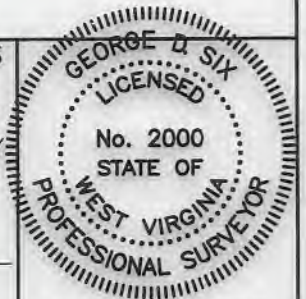
THRASHER

CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
 800 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
 PHONE (304) 624-4108 • FAX (304) 624-7831

FILE #: SHR 37 HHSM
 DRAWING #: SHR 37 HHSM
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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: *George D. Six*
 R.P.E.: _____ L.L.S.: P.S. No. 2000



PLACE SEAL HERE

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



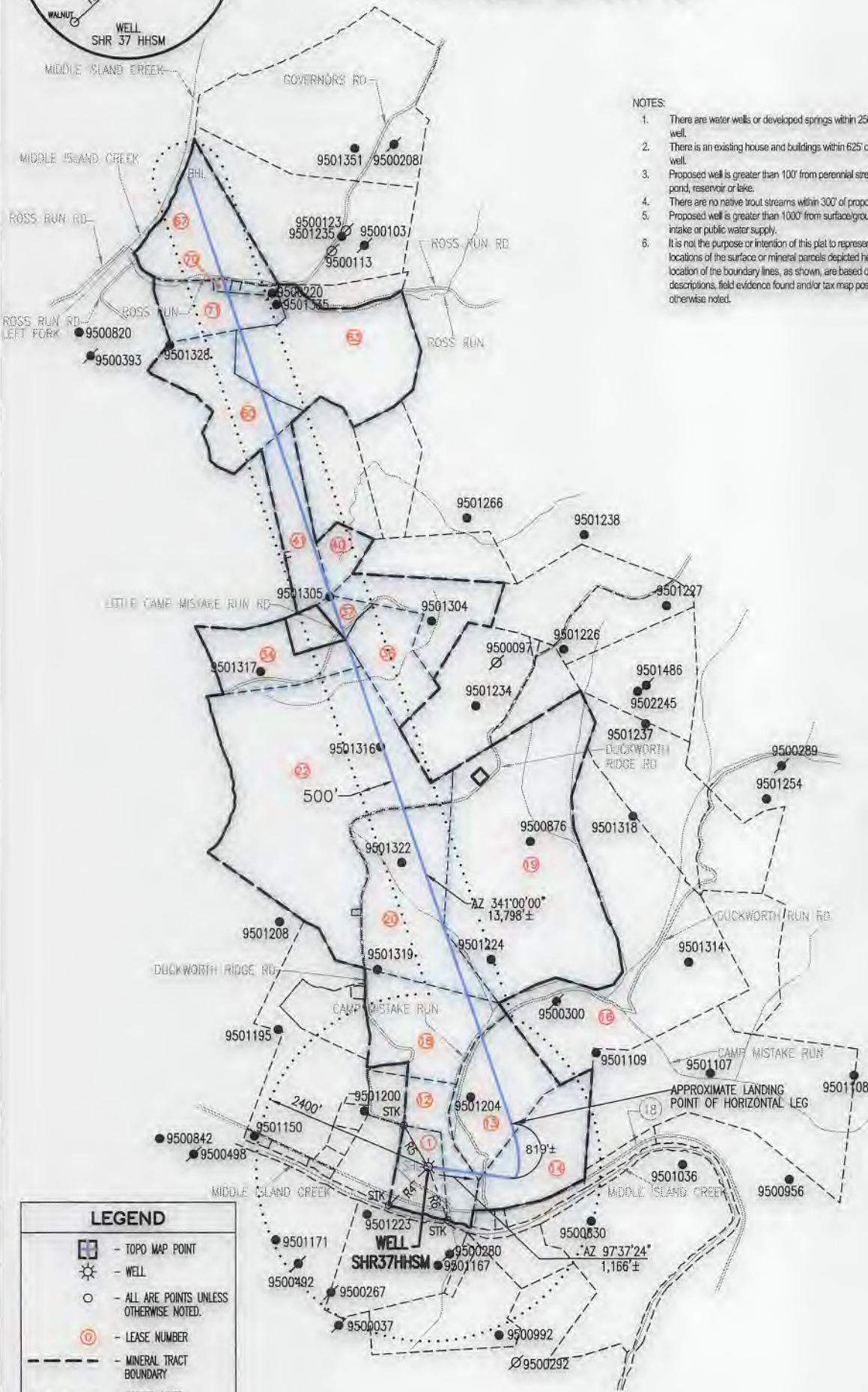
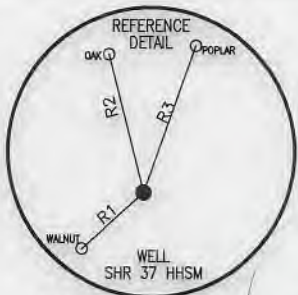
DATE: OCTOBER 03, 2019
 OPERATOR'S WELL #: SHR 37 HHSM
 API WELL #: 47 95 02666
 STATE COUNTY PERMIT

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

WATERSHED: HEADWATERS MIDDLE ISLAND CREEK ELEVATION: 828.57'±
 COUNTY/DISTRICT: TYLER / CENTERVILLE QUADRANGLE: WEST UNION, WV 7.5'
 SURFACE OWNER: CNX GAS COMPANY ACREAGE: 18±
 OIL & GAS ROYALTY OWNER: ELEANOR V. & DEAN A. EARNHEART, ET AL ACREAGE: 893.950±
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,302'± TMD: 20,746'±
 WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT ANTHONY KENDZIORA
 Address 1000 CONSOL ENERGY DRIVE Address 1000 CONSOL ENERGY DRIVE
 City CANONSBURG State PA Zip Code 15317 City CANONSBURG State PA Zip Code 15317

SHR 37 HHSM

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NOTES:

1. There are water wells or developed springs within 250' of proposed well.
2. There is an existing house and 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, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

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 E:1588050.621
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 LAT:39°21'11.679"
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APPROX. LANDING POINT

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E:513665.25
 NAD83, WV NORTH
 N:314219.945
 E:1589211.549
 LAT/LON DATUM-NAD83
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BOTTOM HOLE LOCATION (BHL)

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E:512230.33
 NAD83, WV NORTH
 N:327266.471
 E:1584719.261
 LAT/LON DATUM-NAD83
 LAT:39°23'26.010"
 LON:80°51'28.709"

LINE	BEARING	DISTANCE
R1	S 48°09'29" W	151.32'
R2	N 13°54'30" W	257.44'
R3	N 19°45'08" E	281.26'
R4	S 46°51'55" W	760.61'
R5	N 30°35'47" W	674.32'
R6	S 20°08'34" E	775.56'

LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- LEASE NUMBER
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- LEASE BOUNDARY
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE

GAS WELLS

- EXISTING WELLS
- PLUGGED WELLS
- ABANDON WELLS

API WELL #: 47 95 02666 H4A
 STATE COUNTY PERMIT



OCTOBER 03, 2019

George D. Six

