

BHL is located on topo map 11,033 feet south of Latitude: 39° 25' 00"
 SHL is located on topo map 7,952 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 8,009 feet west of Longitude: 80° 50' 00"
 SHL is located on topo map 3,435 feet west of Longitude: 80° 50' 00"

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83 N:4356980.52 E:513313.40 NAD83, WV NORTH N:313595.959 E:1588046.215 LAT/LON DATUM-NAD83 LAT:39°21'11.402" LON:80°50'43.727"	UTM 17-NAD83 N:4356020.54 E:513235.66 NAD83, WV NORTH N:313731.555 E:1587793.276 LAT/LON DATUM-NAD83 LAT:39°21'12.705" LON:80°50'46.973"	UTM 17-NAD83 N:4359663.59 E:511912.85 NAD83, WV NORTH N:325758.749 E:1583651.974 LAT/LON DATUM-NAD83 LAT:39°23'10.950" LON:80°51'42.011"



THRASHER

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

FILE #: SHR 37 FHSM
 DRAWING #: SHR 37 FHSM
 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 3, 2019
 OPERATOR'S WELL #: SHR 37 FHSM
 API WELL #: 47 95 02665
 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: 538.724±

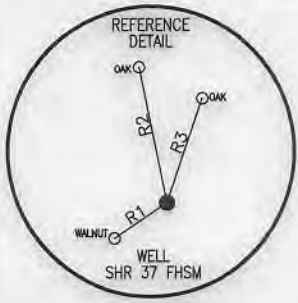
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,302'± TMD: 19,480'±

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 FHSM

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NOTES:

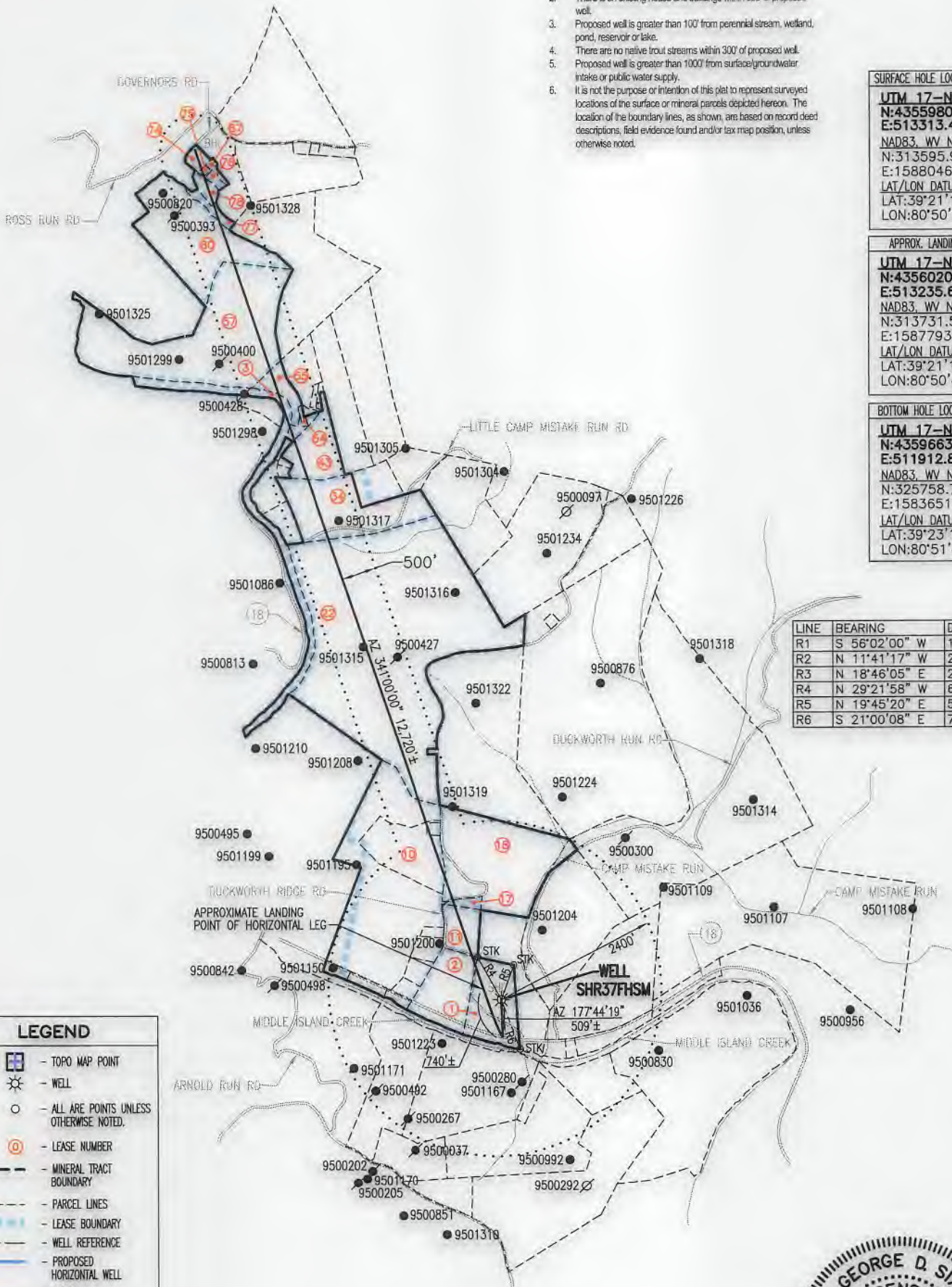
1. There are water wells or developed springs within 250' of proposed well.
2. There is an existing house and buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed 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.

SURFACE HOLE LOCATION (SHL)	
UTM 17-NAD83	N:4355980.52
	E:513313.40
NAD83_WV NORTH	N:313595.959
	E:1588046.215
LAT/LON DATUM-NAD83	LAT:39°21'11.402"
	LON:80°50'43.727"

APPROX. LANDING POINT	
UTM 17-NAD83	N:4356020.54
	E:513235.66
NAD83_WV NORTH	N:313731.555
	E:1587793.276
LAT/LON DATUM-NAD83	LAT:39°21'12.705"
	LON:80°50'46.973"

BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83	N:4359663.59
	E:511912.85
NAD83_WV NORTH	N:325758.749
	E:1583651.974
LAT/LON DATUM-NAD83	LAT:39°23'10.950"
	LON:80°51'42.011"

LINE	BEARING	DISTANCE
R1	S 56°02'00" W	130.62'
R2	N 11°41'17" W	283.74'
R3	N 18°46'05" E	225.67'
R4	N 29°21'58" W	692.76'
R5	N 19°45'20" E	533.05'
R6	S 21°00'08" E	754.97'



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 02465

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OCTOBER 3, 2019



George D. Six



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SHR 37 FHSM

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	SURFACE OWNER	LESSOR	DIST-TM/PAR
1	CNX GAS COMPANY	ELEANOR V. EARNHEART AND DEAN A. EARNHEART, W/H CLELLA BOICE, WIDOW LUELLA I. MCCONNELL, WIDOW AGNES GODWIN, WIDOW NANCY P. MCCLAIN AND RALPH E. MCCLAIN, W/H GEORGIA P. SNYDER, DIVORCED BRADIE PIPES AND GOLDIE PIPES, H/W PURSIE PIPES AND NORMA J. PIPES, H/W DOROTHY BELLE WELLS AND BYRON WELLS, W/H MYRNA MORGAN AND DAVID MORGAN, H/W	1-17/5
2 18	GAIL WILLIAMSON	ELEANOR V. EARNHEART AND DEAN A. EARNHEART, W/H CLELLA BOICE, WIDOW LUELLA I. MCCONNELL, WIDOW AGNES GODWIN, WIDOW NANCY P. MCCLAIN AND RALPH E. MCCLAIN, W/H GEORGIA P. SNYDER, DIVORCED BRADIE PIPES AND GOLDIE PIPES, H/W PURSIE PIPES AND NORMA J. PIPES, H/W DOROTHY BELLE WELLS AND BYRON WELLS, W/H MYRNA MORGAN AND DAVID MORGAN, W/H REVA ROWLAND AND RONALD ROYCE ROWLAND	P/O 1-17/6
3	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	N/A
10	ELDEN L. PRATT & CHRISTINE LEASURE TIMOTHY R. PRATT ELDEN L. , RODNEY DEAN & TIMOTHY RAY PRATT THOMAS D. II & CONNIE S. SNYDER ROGNEY D. PRATT WAYNE C. & RHONDA G. MUMBAUER WAYNE C. & RHONDA G. MUMBAUER STATE OF WEST VIRGINIA FORREST G. POWELL ROGER L. & MARJORIE P. WILLIAMS JASON L. & REBECCA M. PRATT	ARTIS HOPE JACK PARKER, ATTORNEY-IN-FACT FOR COLEN C. JACK	1-15/38 1-15/39 1-17/11 1-17/11.1 1-17/11.2 1-17/11.3 1-17/11.4 1-17/11.5 1-17/11.6 1-17/11.7 1-17/11.8
11 17	RONALD ROYCE AND REVA D. ROWLAND	ELEANOR V. EARNHEART AND DEAN A. EARNHART, W/H CLELLA BOICE, WIDOW LUELLA I. MCCONNELL, WIDOW AGNES GODWIN, WIDOW NANCY P. MCCLAIN AND RALPH E. MCCLAIN, W/H GEORGIA P. SNYDER, DIVORCED BRADIE PIPES AND GOLDIE PIPES, H/W PURSIE PIPES AND NORMA J. PIPES, H/W DOROTHY BELLE WELLS AND BYRON WELLS, W/H MYRNA MORGAN AND DAVID MORGAN, W/H REVA ROWLAND AND RONALD ROYCE ROWLAND	P/O 1-17/6.1
22	JAMES ROBERT BAGLEY	JACOB C. COTTRILL, ATTORNEY-IN-FACT FOR CHARLES D. COTTRILL HEIRS; JACOB C. COTTRILL AND SHIRLEY A. COTTRILL, H/W	1-15/15
34	SANDRA SUE CLARK & CLARENCE D. CLARK & JEFFREY G. CLARK & KEVIN SCOTT CLARK	SANDRA SUE CLARK AND CLARENCE DUANE CLARK, H/W AND MILDRED GREGG SANDRA SUE CLARK AND CLARENCE DUANE CLARK, H/W AND MILDRED GREGG DAVID C. GREGG	1-15/10
43	ROY DEAN ASH & MARY CARPENTER	ROY DEAN ASH MARY FRANCES CARPENTER	1-15/3.1
54	DOMINION TRANSMISSION	DOMINION ENERGY TRANSMISSION, INC.	1-15/5.8
55	DOMINION TRANSMISSION	DOMINION ENERGY TRANSMISSION, INC.	1-15/5.7
57	ROBERT W. GRAHAM	ERNEST LANTZ RONALD LEE ASH RALPH ARNOLD ASH RANDALL DALE ASH AND DORETTA LYNN ASH	P/O 1-15/2
74	VADA SUE KISSNER	VADA SUE KISSNER	1-12/20
75	VADA SUE KISSNER	ELKHORN MINERAL, LLC	1-12/20.3
76	LLOYD J. MCKINNEY	ELKHORN MINERAL, LLC	1-12/20.4
77	KEVIN KISSNER	VADA SUE KISSNER	1-12/20.1
78	KEVIN D. KISSNER	VADA SUE KISSNER	1-12/20.5
80	ROBERT C. & JAMES L. SINCLAIR ROSE MCGARTH & JAMES T. EDGAR	SANDRA L. SPENCE BARBARA J. DRUCHNIAK PATTY L. BUTERBAUGH RICHARD B. SMITH CHARLES ALAN MCCULLOUGH AND FREDA MCCULLOUGH DONALD BURL SMITH RONALD CARLETON MOORE JR. CHERYL ANN CALKINS BENNY EDWIN SMITH ROY LEE SMITH JEREMY J. LOPEZ MARIAH F. RITTMAN	1-12/18
87	MARK WILLIAM PIERSON TRUSTEE	ELKHORN MINERAL, LLC	P/O 1-12/21.1

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OCTOBER 3, 2019