

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

# AS DRILLED PLAT

**SURFACE HOLE LOCATION (SHA)**  
 UTM 17-NAD83  
 N:4355989.06  
 E:513314.60  
 NAD83 WY NORTH  
 N:313623.922  
 E:1588050.621  
 LAT/LON DATUM-NAD83  
 LAT:39°21'11.679"  
 LON:80°50'43.677"

**PERMITTED APPROX. LANDING POINT**  
 UTM 17-NAD83  
 N:4356176.54  
 E:513665.25  
 NAD83 WY NORTH  
 N:314219.945  
 E:1589211.549  
 LAT/LON DATUM-NAD83  
 LAT:39°21'17.741"  
 LON:80°50'29.012"

**PERMITTED BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83  
 N:4360128.35  
 E:512230.33  
 NAD83 WY NORTH  
 N:327266.471  
 E:1584719.261  
 LAT/LON DATUM-NAD83  
 LAT:39°23'26.010"  
 LON:80°51'26.709"

**AS-DRILLED SURFACE HOLE LOCATION (SHA)**  
 UTM 17-NAD83  
 N:4355989.06  
 E:513314.60  
 NAD83 WY NORTH  
 N:313623.922  
 E:1588050.621  
 LAT/LON DATUM-NAD83  
 LAT:39°21'11.679"  
 LON:80°50'43.677"

**AS-DRILLED APPROX. LANDING POINT**  
 UTM 17-NAD83  
 N:4356187.60  
 E:513659.99  
 NAD83 WY NORTH  
 N:314256.53  
 E:1589194.89  
 LAT/LON DATUM-NAD83  
 LAT:39°21'18.10"  
 LON:80°50'29.23"

**AS-DRILLED BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83  
 N:4360130.03  
 E:512234.59  
 NAD83 WY NORTH  
 N:327271.761  
 E:1584733.335  
 LAT/LON DATUM-NAD83  
 LAT:39°23'26.065"  
 LON:80°51'28.530"



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"

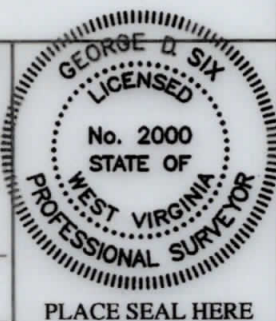
# THRASHER

CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES  
 800 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330  
 PHONE (304) 824-4108 • FAX (304) 824-7831

FILE #: SHR 37 HHSM AS-DRILLED  
 DRAWING #: SHR 37 HHSM AS-DRILLED  
 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



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



DATE: FEBRUARY 24, 2020  
 OPERATOR'S WELL #: SHR 37 HHSM AS-DRILLED  
 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): AS-DRILLED PLAT

08/27/2021

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

## PAGE 2 OF 3

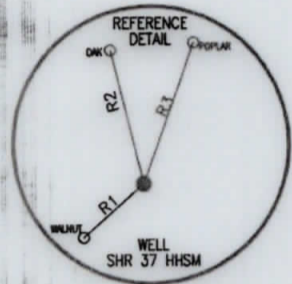
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NAD83\_WV NORTH  
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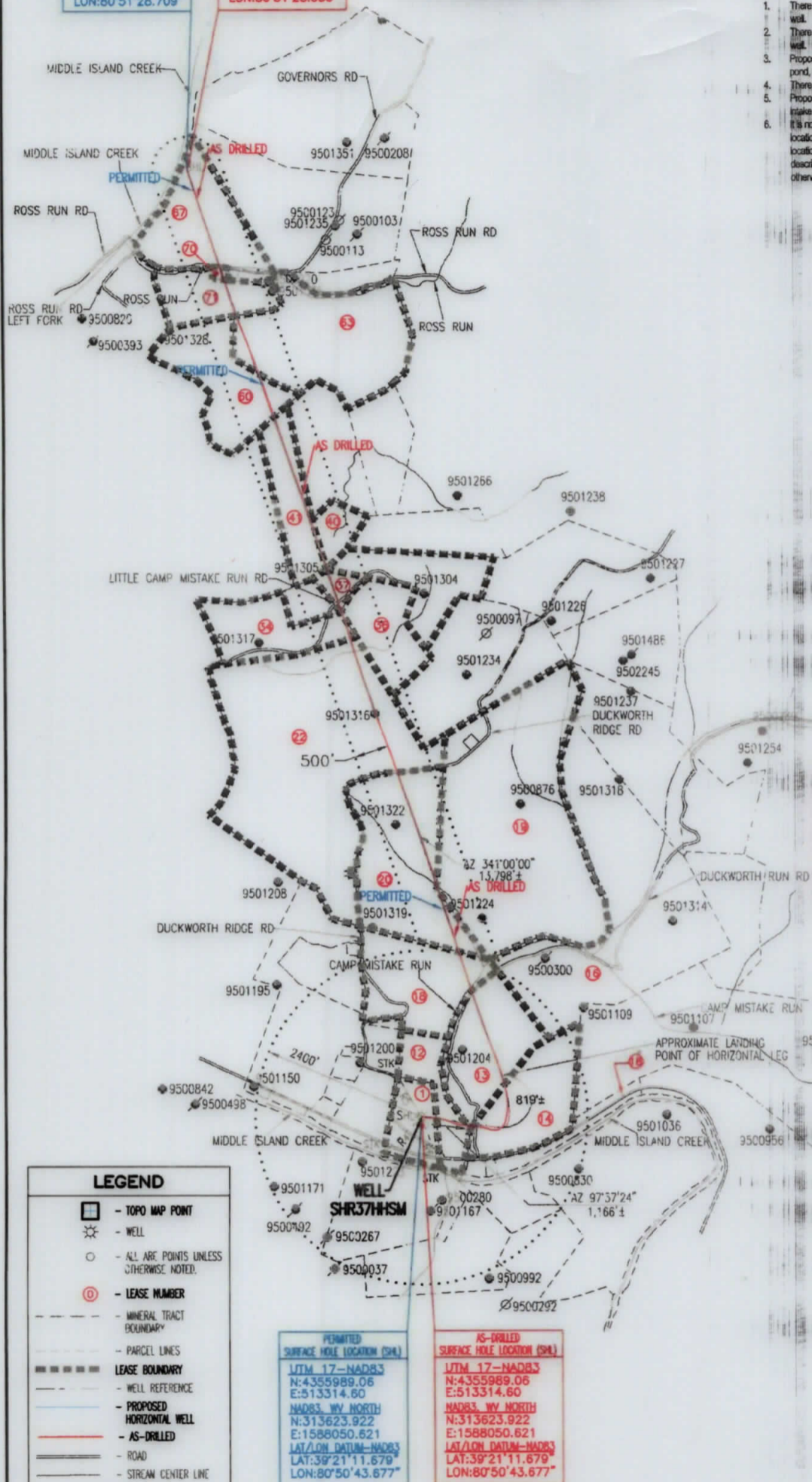
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E:1584733.335  
LAT/LON DATUM-NAD83  
LAT:39°23'26.065"  
LON:80°51'28.530"

**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 herein. 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.



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'



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E:513659.99  
NAD83\_WV NORTH  
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E:1589211.549  
LAT/LON DATUM-NAD83  
LAT:39°21'17.741"  
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**LEGEND**

- - TOPO MAP POINT
- ☼ - WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED.
- ① - LEASE NUMBER
- - - MINERAL TRACT BOUNDARY
- - - PARCEL LINES
- ===== LEASE BOUNDARY
- - - WELL REFERENCE
- - - PROPOSED HORIZONTAL WELL
- AS-DRILLED
- ROAD
- STREAM CENTER LINE
- GAS WELLS**
- - EXISTING WELLS
- - PLUGGED WELLS
- - ABANDON WELLS

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API WELL #: 47 95 02666  
STATE COUNTY PERMIT



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FEBRUARY 24, 2020

*George D. Six*

# SHR 37 HHSM

## PAGE 3 OF 3

SURFACE OWNER	LESSOR	DIST/TA/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, W/H	1-17/5
12 GAIL WILLIAMSON 18	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
13 DANNY CARL & PATRICIA J. HARRIS	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	1-18/5
14 DANNY & PATRICIA J. HARRIS	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	1-18/6.1
19 RONALD R. & REVA D. ROWLAND	JACOB L. DILLON AND EDNA DILLON, H/W	1-18/20
20 JAMES ROBERT BAGLEY	JACOB C. COTTRILL, ATTORNEY-IN-FACT FOR CHARLES D. COTTRILL HEIRS; JACOB C. COTTRILL AND SHIRLEY A. COTTRILL, H/W	1-15/16
22 JAMES ROBERT BAGLEY	JACOB C. COTTRILL, ATTORNEY-IN-FACT FOR CHARLES D. COTTRILL HEIRS; JACOB C. COTTRILL AND SHIRLEY A. COTTRILL, H/W	P/O 1-15/15
34 SANDRA SUE & CLARENCE D. CLARK & JEFFREY G. CLARK & KEVIN SCOTT	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
36 SANDRA SUE CLARK & CLARENCE DUANE & JEFFREY GREGG CLARK & KEVIN SCOTT	MILDRED GREGG	P/O 1-15/11
37 SANDRA SUE CLARK & CLARENCE DUANE & JEFFREY GREGG CLARK & KEVIN SCOTT	MILDRED GREGG BETTY R. FONNER FRANCES ELIZABETH FONNER ALLOWAY FREDERICK R. FONNER JAMES R. FONNER LAURA LOUISE FONNER MOORE AND RICHARD C. MOORE, W/H	P/O 1-15/11
38 DUANE CLARK, ET AL C/O DUANE & SUE CLARK	CLARENCE DUANE CLARK AND SANDRA SUE CLARK, H/W JEFFREY G. CLARK, SINGLE KEVIN S. CLARK, SINGLE JOHN BAKER, INDIVIDUALLY AND AS ATTORNEY-IN-FACT FOR THE "GORRELL DOAK HEIRS"	1-15/6
40 DUANE CLARK, ET AL C/O DUANE & SUE CLARK	BRC APPALACHIAN MINERALS I, LLC	P/O 1-15/6.1
41 ROY DEAN ASH & MARY F. CARPENTER	ROY DEAN ASH	1-15/3.2
MICHAEL HAUGHT	MARY FRANCES CARPENTER	1-15/3.4
60 HAROLD D., JR & SUSAN D. MOORE	ANN ELAINE JONES CASEY AND ERNEST LEE CASEY, W/H	P/O 1-12/24
63 RYAN J. & SUSAN J. LIND GENEVA (DENNISON) BULLMAN LIFE	ORA NELSON MOORE AND MARY EDNA MOORE, H/W, AND OLETHA MOORE, WIDOW ROSEMARY EAGLE	1-12/23 & 1-12/23.1
67 JASON ELDER GENEVA (DENNISON) FOUTS LIFE ADAM S. & VICKI M. FORRESTER GENEVA (DENNISON) FOUTS LIFE ESTATE	ORA NELSON MOORE AND MARY EDNA MOORE, H/W AND OLETHA MOORE, WIDOW ROSEMARY EAGLE	1-12/21 1-12/21.3 1-12/21.4
70 GENEVA F. DENNISON & BILLY KENNETH FOUTS	FRANK WILLIAM BASIL AND KAREN E. BASIL GENEVA F. DENNISON BILLY KENNETH FOUTS	P/O 1-12/21.2
71 MARK WILLIAM TRUSTEE PIERSON	WILLIAM BASIL AND KAREN BASIL, H/W	P/O 1-12/21.1

AS DRILLED PLAT

08/27/2021

API WELL #:    47                      95                      02666  
STATE            COUNTY            PERMIT

THRASHER

FEBRUARY 24, 2020

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