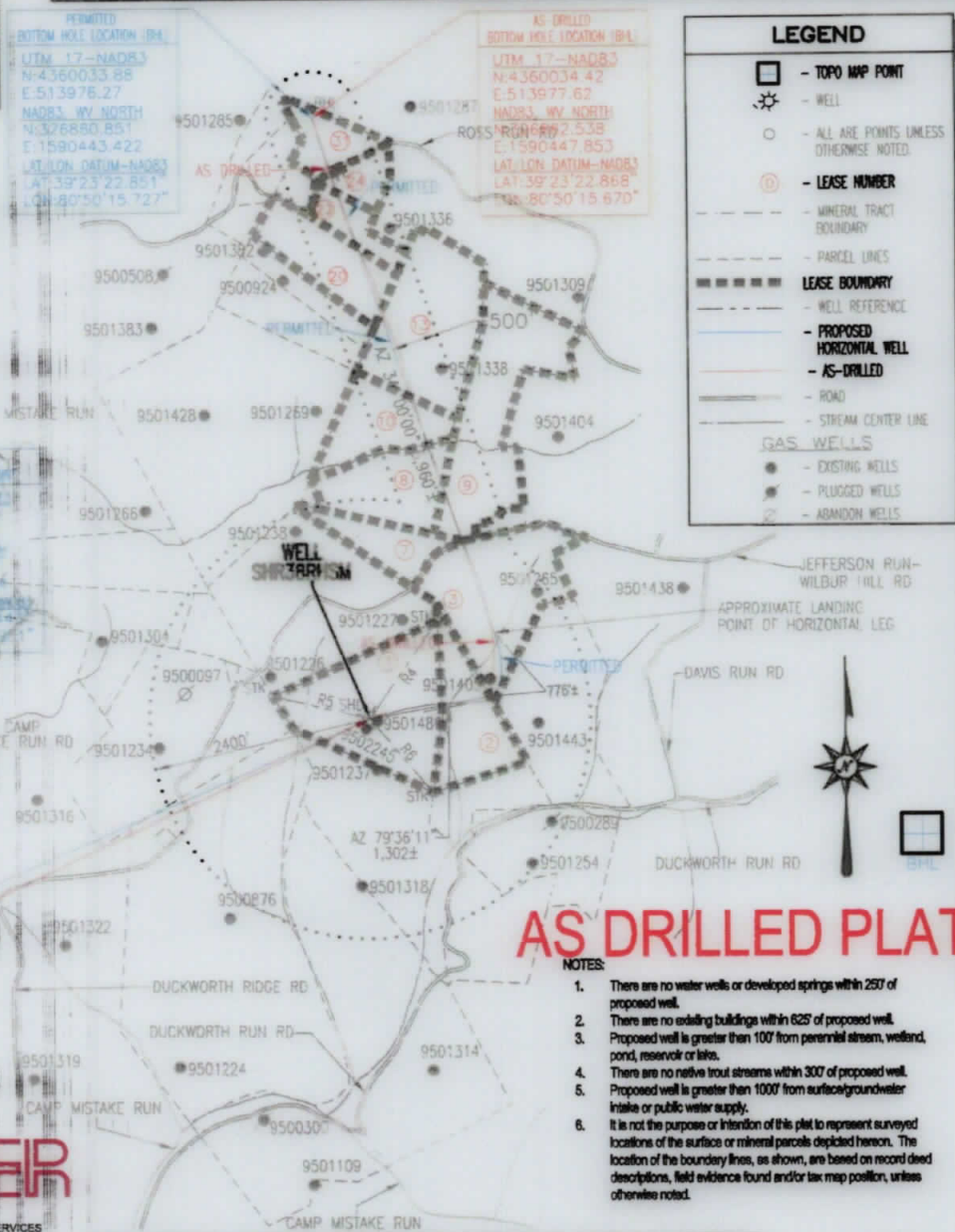
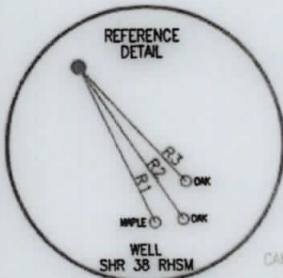


LINE	BEARING	DISTANCE
R1	S 25°46'02" E	257.14
R2	S 34°04'59" E	273.72
R3	S 42°39'45" E	232.47
R4	N 34°49'13" E	1296.70
R5	N 76°40'42" W	1078.96
R6	S 40°15'34" E	1058.77

BHL is located on topo map 9,829 feet south of Latitude: 39°25'00"  
 SHL is located on topo map 1,211 feet south of Latitude: 39°22'30"



BHL is located on topo map 1,235 feet west of Longitude: 80°50'00"  
 SHL is located on topo map 560 feet west of Longitude: 80°50'00"

AS-DRILLED APPROX. LANDING POINT  
 UTM 17-NAD83  
 N: 4358368.04  
 E: 514577.81  
 NAD83 WV NORTH  
 N: 321361.42  
 E: 1592326.14  
 LAT/LON DATUM-NAD83  
 LAT: 39°22'28.77"  
 LON: 80°49'50.710"

PERMITTED APPROX. LANDING POINT  
 UTM 17-NAD83  
 N: 4358325.96  
 E: 514596.06  
 NAD83 WV NORTH  
 N: 321225.622  
 E: 1592383.78  
 LAT/LON DATUM-NAD83  
 LAT: 39°22'27.73"  
 LON: 80°49'49.251"

AS-DRILLED SURFACE HOLE LOCATION (SHL)  
 UTM 17-NAD83  
 N: 4358035.94  
 E: 514185.52  
 NAD83 WV NORTH  
 N: 320293.130  
 E: 1591020.636  
 LAT/LON DATUM-NAD83  
 LAT: 39°22'18.028"  
 LON: 80°50'07.132"

**THRASHER**  
 CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES  
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330  
 PHONE (304) 624-1108 • FAX (304) 624-7831

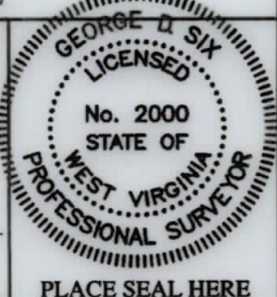
**AS DRILLED PLAT**

- NOTES:
1. There are no water wells or developed springs within 200' 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, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

FILE #: SHR 38 RHSM  
 DRAWING #: SHR 38 RHSM  
 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 A. 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 14, 2020  
 OPERATOR'S WELL #: SHR 38 RHSM  
 API WELL #: 47 95 02653  
 STATE COUNTY PERMIT

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

WATERSHED: HEADWATERS MIDDLE ISLAND CREEK ELEVATION: 1012'±  
 COUNTY/DISTRICT: TYLER / CENTERVILLE QUADRANGLE: WEST UNION, WV 7.5'  
 SURFACE OWNER: JAMES E. ASH ET AL ACREAGE: 111±  
 OIL & GAS ROYALTY OWNER: JAMES E. ASH ET AL ACREAGE: 299.246±

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

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,480'± TMD: 13,143'±  
 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

08/27/2021

# SHR 38 RHSM

## PAGE 2 OF 2

### AS DRILLED PLAT

	SURFACE OWNER	LESSOR	DIST-TM/PAR
1	JAMES E. ASH ET AL	VERNA O. ASH, JAMES E. ASH AND THELMA B. ASH, BESSIE HAUGHT AND HAROLD WARNER, ERNEST G. SECKMAN AND O. JOANNE SECKMAN	P/O 1-16/19
2	JAMES E. ASH ET AL	RALPH E. PHILLIPS AND VELINDA PHILLIPS, H/W VERNA O. ASH, JAMES E. ASH AND THELMA B. ASH, BESSIE HAUGHT AND HAROLD WARNER, ERNEST G. SECKMAN AND O. JOANNE SECKMAN RALPH E. PHILLIPS AND VELINDA PHILLIPS, H/W MARTHA SUE MUZZO, F/K/A MARTHA SUE LOCCO MARY LYNN SLATTERY, F/K/A MARY LYNN LOCCO RITA G. JARVIS JO ELLEN HARPER DAY WILLIAM PAUL HARPER MARION R. BACHELOR AND GLORIA JEAN BACHELOR, H/W BERDNA ROSE AND NORMAN W. ROSE, W/H DAVID PAUL LOCCO ELIZABETH FLORENCE LOCCO MARY LEE LILLY MICHELLE LOCCO BUSHMIRE, F/K/A MICHELLE LUCRETTA BUSHMIRE DONALD VINCENT LOCCO MARGO KIEHL JOHN MICHAEL LEONIAN JOHN FULTON LEONIAN JEFFREY TODD HEFLIN JASON S. HEFLIN AND JESSICA L. HEFLIN, H/W NILA ASH SAYLOR REVOCABLE TRUST, BY JOSEPH F. SILEX, JR., TRUSTEE PHILLIP LEONIAN, A/K/A PHILLIP MARSHALL LEONIAN ROBERT LEONIAN, A/K/A JOSEPH ROBERT LEONIAN BAILEY ANN MILLS ARMEN LEONIAN, A/K/A ARMEN LANHAM LEONIAN THERESA LEE ROBERTSON ROSE MARIE VANHEUMLIN COMMONWEALTH ENERGY, INC. A/K/A COMMONWEALTH ENERGY	P/O 1-16/19
3	CONRAD COSTILOW	GARY W. AND DEBRA J. DAVIS RUBY N. SPENCER AND FRED A. NICHOLS AND LAURA L. NICHOLS, H/W IRO NICHOLS MONA WRIGHT RALPH SHERWOOD WANDA SCHAUER CONRAD COSTILOW	P/O 1-16/13
7	WILLIAM D. & MARY C. DANIELS	GARY W. AND DEBRA J. DAVIS RUBY N. SPENCER AND FRED A. NICHOLS AND LAURA L. NICHOLS, H/W IRO NICHOLS MONA WRIGHT RALPH SHERWOOD WANDA SCHAUER CONRAD COSTILOW	1-16/2.1
8	WILLIAM D. & MARY C. DANIELS	WILLIAM N. DANIELS AND MARY C. DANIELS, H/W	P/O 1-16/2
9	WILLIAM N. & MARY C. DANIELS	DONALD L. SECKMAN AND DORA SECKMAN, H/W	1-13/7
10	ERIC A. SNYDER	BOUNTY MINERALS, LLC	1-16/3
13	ERIC A. SNYDER	TIMOTHY N. INGOLIA AND NANCY J. INGOLIA, H/W ANN JONES CASEY AND E. LEE CASEY, W/H	P/O 1-13/7.1
20	MATTHEW ASH	FRANKLIN L. MERCER AND RUTH L. MERCER, H/W AND FRANKLIN L. MERCER, ATTORNEY-IN-FACT FOR ROGER N. MERCER AND GLORIA MERCER, H/W DELORES ROSSI LUTHER ROGERS AND ANITA ROGERS, H/W MARIE MERCER HARLEY EDWIN SPENCER AND ALICE RUTH SPENCER, H/W FORREST JENKINS AND EVA JENKINS, H/W, FORREST JENKINS, ATTORNEY-IN-FACT FOR THE FOLLOWING: CARL JENKINS, BETTY JENKINS, STELLA DEAN JENKINS, ZETTA ASH, ALICE HAUGHT AND THOMAS HAUGHT ZETTA F. ASH CARL JENKINS AND BETTY JENKINS, H/W STELLA DEAN JENKINS ALICE HAUGHT ALFRED COTTRILL, INDIVIDUALLY AND AS ATTORNEY-IN-FACT FOR RENNA FOX BARBARA BALLOU BAKER KAYVONNE PASULKA CHARLES H. BALLOU AND LOIS M. BALLOU, H/W STEVEN E. BALLOU AND LINDA M. BALLOU, H/W	1-13/13
22	MATTHEW ASH	PEGGY JO MOORE LINDA LOU MOORE GEORGE WILLARD MOORE AND CAROLYN A. MOORE, H/W VADA SUZANNA KISSNER CONSOLIDATED MINERALS, LLC	1-13/13.2
24	MARCELLA HAIR & EDWARD HAROLD SNYDER & JEAN SNYDER, C/O MARCELLA HAIR	ELMER D. CECIL AND WILLENE CECIL, H/W MABEL B. MOORE	P/O 1-13/4
31	DNA M. QUELLHORST	ROBERT L. UNDERWOOD AND VICTORIA M. UNDERWOOD, H/W	P/O 1-13/12 P/O 1-13/12.1

PERMITTED  
SURFACE HOLE LOCATION (SRL)  
UTM 17--NAD83  
N:4358035.94  
E:514185.52  
NAD83, WV NORTH  
N:320293.130  
E:1591020.636  
LAT/LON DATUM--NAD83  
LAT:39°22'18.028"  
LON:80°50'07.132"

AS-DRILLED  
SURFACE HOLE LOCATION (SRL)  
UTM 17--NAD83  
N:4358035.94  
E:514185.52  
NAD83, WV NORTH  
N:320293.130  
E:1591020.636  
LAT/LON DATUM--NAD83  
LAT:39°22'18.028"  
LON:80°50'07.132"

PERMITTED  
APPROX. LANDING POINT  
UTM 17--NAD83  
N:4358326.96  
E:514596.06  
NAD83, WV NORTH  
N:321225.622  
E:1592383.784  
LAT/LON DATUM--NAD83  
LAT:39°22'27.443"  
LON:80°49'49.951"

AS-DRILLED  
APPROX. LANDING POINT  
UTM 17--NAD83  
N:4358368.04  
E:514577.81  
NAD83, WV NORTH  
N:321361.42  
E:1592326.14  
LAT/LON DATUM--NAD83  
LAT:39°22'28.777"  
LON:80°49'50.710"

PERMITTED  
BOTTOM HOLE LOCATION (BRL)  
UTM 17--NAD83  
N:4360033.88  
E:513976.27  
NAD83, WV NORTH  
N:326860.851  
E:1590443.422  
LAT/LON DATUM--NAD83  
LAT:39°23'22.851"  
LON:80°50'15.727"

AS-DRILLED  
BOTTOM HOLE LOCATION (BRL)  
UTM 17--NAD83  
N:4360034.42  
E:513977.62  
NAD83, WV NORTH  
N:326862.538  
E:1590447.853  
LAT/LON DATUM--NAD83  
LAT:39°23'22.868"  
LON:80°50'15.670"

08/27/2021



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

FEBRUARY 14, 2020

API WELL #: 47 95 02653  
STATE COUNTY PERMIT