



Longitude: 80° 55' 0"



FILE #: MC102A AND MC102P
 DRAWING #: MC102A AND MC102P
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE 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
 ○ VDEP
 OFFICE OF OIL & GAS
 311 57TH STREET
 HARLESTON, WV 25304



DATE: JULY 21, 2023
 OPERATOR'S WELL #: MC102A AND MC102P
 API WELL #: _____
 STATE COUNTY PERMIT

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

WATERSHED: STULL RUN OF WHEELING CREEK ELEVATION: _____

COUNTY/DISTRICT: MARSHALL/WEBSTER QUADRANGLE: MAJORSVILLE, WV 7.5'

SURFACE OWNER: FRED J. HAMMEL (REVOCABLE TRUST) ACREAGE: 78.80 ±

OIL & GAS ROYALTY OWNER: MULTIPLE ACREAGE: 82.5 ±

WELL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 REFRORATE NEW FORMATION PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE

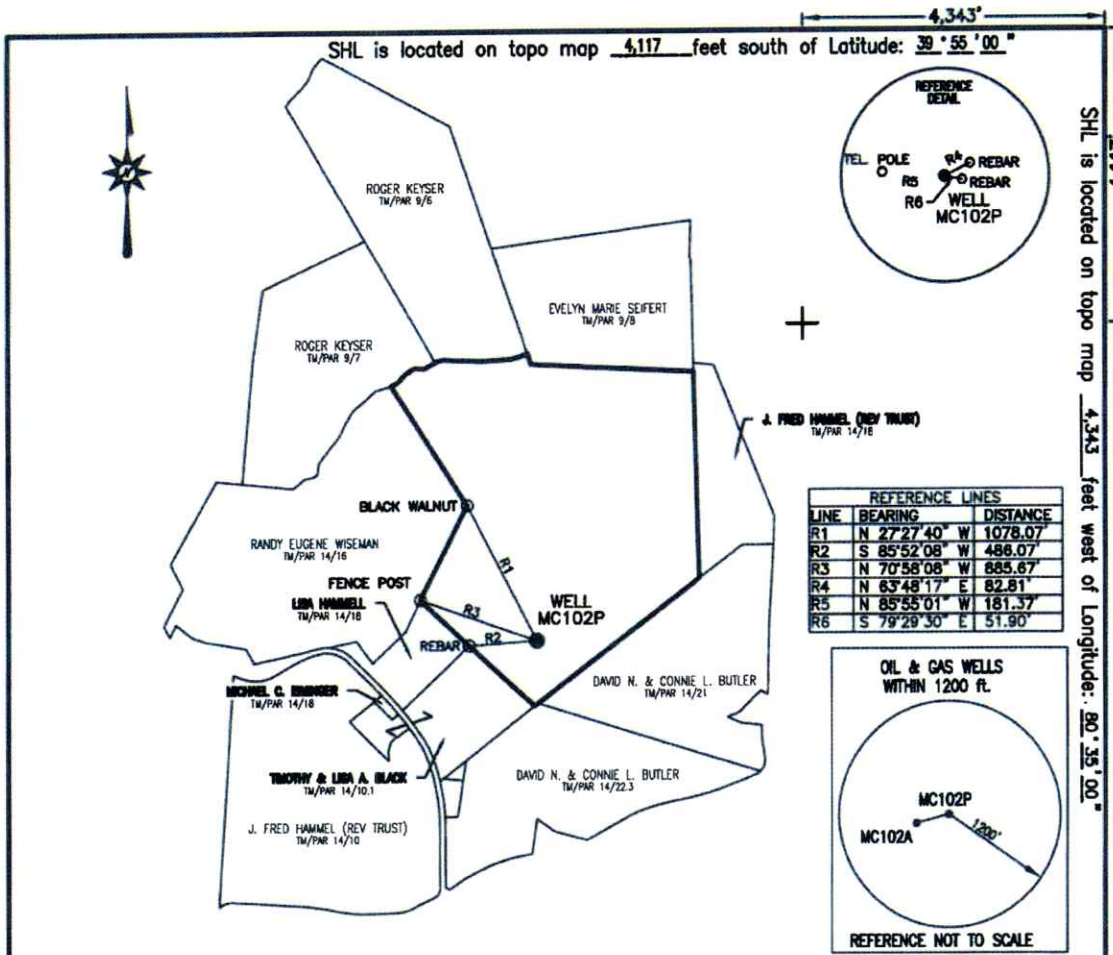
SPECIFY: _____

TARGET FORMATION: PITTSBURGH/SEWICKLEY ESTIMATED DEPTH: _____

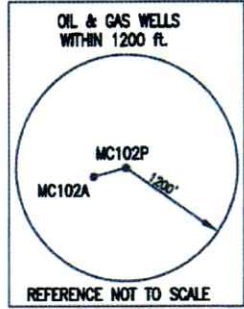
WELL OPERATOR LEATHERWOOD LLC DESIGNATED AGENT GINA NEWHOUSE

COURTESY: COURTESY, MARSHALL COUNTY WELL PLAT MAP 100 PERMITTING

10/27/2023



LINE	BEARING	DISTANCE
R1	N 27°27'40" W	1078.07
R2	S 85°52'08" W	488.07
R3	N 70°58'08" W	885.67
R4	N 63°48'17" E	82.81
R5	N 85°55'01" W	181.37
R6	S 79°29'30" E	51.90



6 GUNS, LLC
Integrity • Loyalty • Dedication
304-882-5123 • 10125 Mason Drive Hwy 280E2, WV 28082

- NOTES:**
1. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 200' OF PROPOSED WELL.
 2. PROPOSED WELL IS GREATER THAN 100' FROM PERMANENT STREAM, WETLAND, FENCE, REBAR OR CULVERT.
 3. THERE ARE NO WATERSHED TROUT STREAMS WITHIN 200' OF PROPOSED WELL.
 4. PROPOSED WELL IS GREATER THAN 1000' FROM SURFACE CULVERT, WATER BOWNE OR PUBLIC WATER SUPPLY.
 5. IT IS NOT THE PURPOSE OR INTENTION OF THIS PLAN TO REPRESENT SURVEYED LOCATIONS OF THE SURFACE OR MINERAL PARCELS DEPICTED HEREON. THE LOCATION OF THE BOUNDARY LINES, AS SHOWN, ARE BASED ON RECORD DEEDS, DESCRIPTIONS, FIELD EVIDENCE FOUND AND/OR THE UNPROPORTIONATE LINES, UNLESS OTHERWISE NOTED.
 6. THERE ARE NO EXISTING BUILDINGS WITHIN 60' OF PROPOSED WELL.

SURFACE WELL LOCATION SHL
UTM 17-NAD83(M)
N: 4417331.47
E: 534293.83
NAD83 WV NORTH
N: 513768.20
E: 1660254.81
LAT/LON-NAD83
LAT: 39°54'19.34"
LON: -80°35'55.68"

FILE #: MC102P
DRAWING #: MC102P
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: JULY 21, 2023
OPERATOR'S WELL #: MC-102P
API WELL #: 47 051 01132
STATE COUNTY PERMIT

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

WATERSHED: STULL RUN OF WHEELING CREEK ELEVATION: 1,273.32

COUNTY/DISTRICT: MARSHALL/WEBSTER QUADRANGLE: MAJORSVILLE, WV 7.5'

SURFACE OWNER: FRED J. HAMMEL (REVOCABLE TRUST) ACREAGE: 78.80 ±

OIL & GAS ROYALTY OWNER: SEE ATTACHED ACREAGE: 82.5 ±

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION

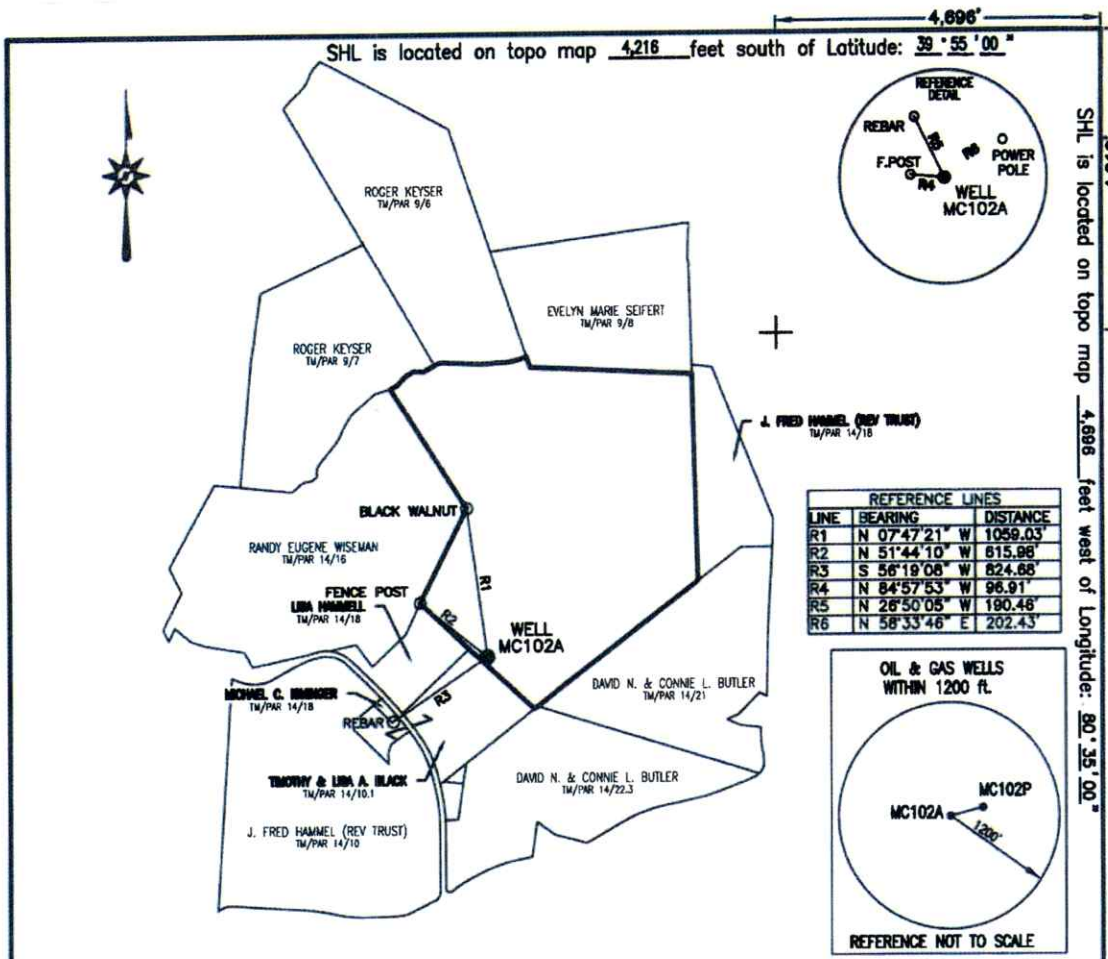
PERFORATE NEW FORMATION PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE

(SPECIFY): _____

TARGET FORMATION: PITTSBURGH/SEWICKLEY ESTIMATED DEPTH: 805'±

WELL OPERATOR LEATHERWOOD LLC DESIGNATED AGENT GNA NEWHOUSE
Address 275 TECHNOLOGY DRIVE Address 1627 QUARRIER STREET
City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25311

10/27/2023



SHL is located on topo map 4,696 feet west of Longitude: 80° 35' 00"



- NOTES:**
1. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 100' OF PROPOSED WELL.
 2. PROPOSED WELL IS GREATER THAN 100' FROM PERENNIAL STREAM, WETLAND, POND, RESERVOIR OR LAKE.
 3. THERE ARE NO NATIVE TROUT STREAMS WITHIN 100' OF PROPOSED WELL.
 4. PROPOSED WELL IS GREATER THAN 100' FROM SURFACE GROUNDWATER INTAKE OR PUBLIC WATER SUPPLY.
 5. IT IS NOT THE PURPOSE OR INTENTION OF THIS PLAN TO REPRESENT SURVEYED LOCATIONS OF THE SURFACE OR MINERAL PARCELS DENOTED HEREON. THE LOCATION OF THE BOUNDARY LINES, AS SHOWN, ARE BASED ON RECORD DEED DESCRIPTIONS, FIELD EVIDENCE FOUND AND/OR TAX MAP PORTIONS, UNLESS OTHERWISE NOTED.
 6. THERE ARE NO EXISTING BUILDINGS WITHIN 100' OF PROPOSED WELL.

SURFACE WELL (GROUND) DATA

UTM 17-NAD83(04)
N: 4417301.44
E: 534186.37

NAD83 WY NORTH
N: 513575.54
E: 1659901.19

LAT/LON-NAD83
LAT: 39°54'18.38"
LON: -80°36'00.20"

FILE #: MC102P
DRAWING #: MC102P
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.B1

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: JULY 21, 2023
OPERATOR'S WELL #: MC-102A
API WELL #: 47 051 01129
STATE COUNTY PERMIT

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

WATERSHED: STULL RUN OF WHEELING CREEK ELEVATION: 1,273.32

COUNTY/DISTRICT: MARSHALL/WEBSTER QUADRANGLE: MAJORSVILLE, WV 7.5'

SURFACE OWNER: FRED J. HAMMEL (REVOCABLE TRUST) ACREAGE: 78.80 ±

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(SPECIFY): _____

TARGET FORMATION: PITTSBURGH/SEWICKLEY ESTIMATED DEPTH: 805' ±

WELL OPERATOR LEATHERWOOD LLC DESIGNATED AGENT GINA NEWHOUSE
Address 275 TECHNOLOGY DRIVE Address 1827 QUARRIER STREET
City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25311

10/27/2023

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-051-01129 WELL NO.: MC 102A
FARM NAME: James F. Hammel
RESPONSIBLE PARTY NAME: Leatherwood, LLC
COUNTY: Marshall DISTRICT: Webster
QUADRANGLE: Majorsville, WV 7.5
SURFACE OWNER: Lisa Hammel
ROYALTY OWNER: Unknown
UTM GPS NORTHING: 4417301.44
UTM GPS EASTING: 534186.37 GPS ELEVATION: 1273.32

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS : Post Processed Differential _____

Real-Time Differential

Mapping Grade GPS _____ : Post Processed Differential _____

Real-Time Differential _____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Signature

Manager of Surface Facilities

Title

9-19-2023

Date

10/27/2023