

A horizontal dimension line with arrows at both ends. It is divided into two segments by a vertical tick mark. The first segment is labeled "9,958'" and the second segment is labeled "7,933'".



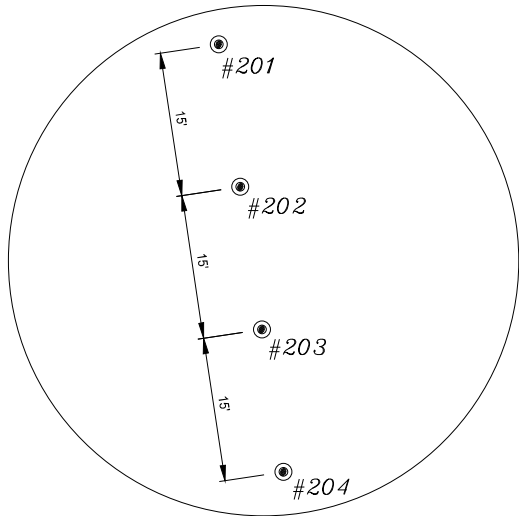
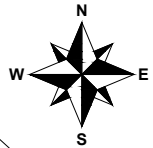
DESIGNATED AGENT: ERIC MORRIS
ADDRESS: 633 WEST MAIN STREET
CITY: BRIDGEPORT STATE: WV ZIP: 26330

SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)
BOTTOM HOLE SURVEYED 80° 02' 30" (NAD27)

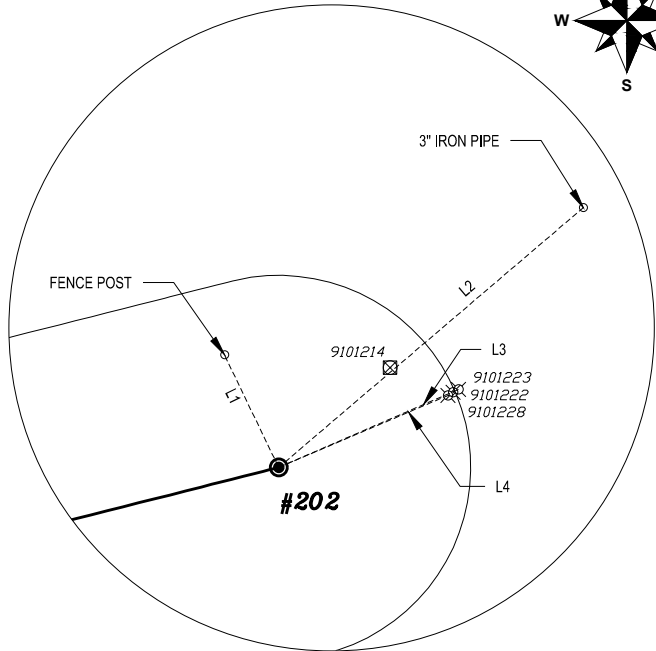
SH #202

Latitude: (NAD27)

BH



REFERENCES TO
PROPOSED HORIZONTAL
WELL SURFACE LOCATIONS
NTS



REFERENCES TIES
SCALE: 1" = 500'

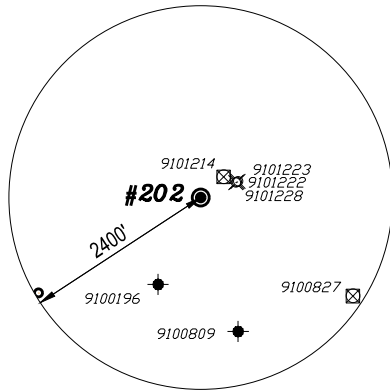
LINE	BEARING	DISTANCE
L1	S 25° 43' 05" E	325.13'
L2	S 49° 32' 47" W	1041.58'
L3	S 66° 31' 42" W	510.18'
L4	S 66° 57' 31" W	478.99'

REFERENCE NOTES

- Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor County, West Virginia July 2025.
- There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
- No water wells found within 250' of the center of well pad.

LEGEND

- PROPOSED WELL LATERAL
- PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- BUFFER
- PROPERTY LINE
- SURVEYED SURFACE TRACT LINE
- MINERAL TRACT BOUNDARY
- COUNTY BOUNDARY LINE
- PROPOSED WELL HEAD
- LANDING POINT/BOTTOM HOLE
- EXISTING WELL HEAD (Active)
- EXISTING WELL HEAD (Plugged)
- EXISTING WELL HEAD (Abandoned)
- EXISTING WELL HEAD (Never Drilled)
- EXISTING WELL HEAD (Permit Issued)
- SURFACE OWNER



DIEFFENBAUCH & HRITZ, LLC

1095 Chaplin Road, Suite 200
Morgantown, WV 26501
www.dandhengineers.com
P: 304.985.5555 F: 304.985.5557

FILE#: 24078-001

SHEET#: 2 of 2

SCALE: 1" = 1000'

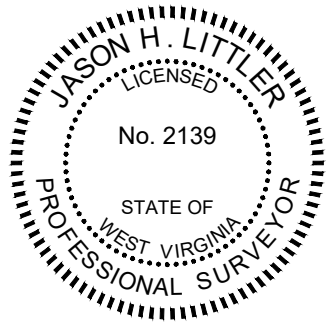
TICK SCALE: 1" = 2000'

MINIMUM DEGREE
OF ACCURACY: 1/2500

PROVEN SOURCE OF
ELEVATION: NGE OPUS (ONLINE
POSITIONING USER SERVICE)

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: *Jason H. Littler* 10/2/25
P.S. #2139: Jason H. Littler P.S.



(+) DENOTES LOCATION OF WELL ON
UNITED STATES TOPOGRAPHIC MAPS
WVDEP

OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: OCTOBER 2, 2025

HALLEY'S WELL PAD
OPERATOR'S WELL #: LOVEJOY 202

API WELL #: 47 091 01390
STATE COUNTY PERMIT

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

WATERSHED: LONG RUN

COUNTY / DISTRICT: TAYLOR CO. / COURT HOUSE DISTRICT

SURFACE OWNER: RODNEY & DEBORAH A ANDERSON

OIL & GAS ROYALTY OWNER: RODNEY J. ANDERSON 50%, REGINA RAGER 50%

ELEVATION: 1374.93' (GROUND)
1,377.44' (PROPOSED)

QUADRANGLE: GRAFTON, WV

ACREAGE: 138 ± 11/21/2025

ACREAGE: 138 ±

- ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☒ FRACTURE OR STIMULATE
☐ PLUG OFF FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON
☐ CLEAN OUT & REPLUG ☐ OTHER CHANGE SPECIFY: _____

TARGET FORMATION: MARCELLUS

ESTIMATED DEPTH: TVD: 7,870' TMD: 8,732'

WELL OPERATOR: ARSENAL RESOURCES
ADDRESS: 6031 WALLACE ROAD EXT. SUITE # 200
CITY: WEXFORD STATE: PA ZIP: 15090

DESIGNATED AGENT: ERIC MORRIS
ADDRESS: 633 WEST MAIN STREET
CITY: BRIDGEPORT STATE: WV ZIP: 26330