

MOUNTAINEER KEYSTONE, LLC
WELL NO. UNB 212

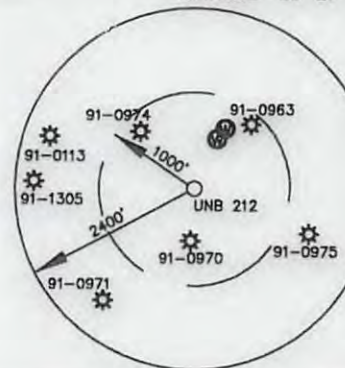
NOTES:
-PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.
-THERE APPEARS TO BE 1 WATER WELL LOCATED WITHIN 1000' OF WELL UNB 212.
○ = IRON ROD FOUND UNLESS OTHERWISE NOTED

7,765' TOP HOLE

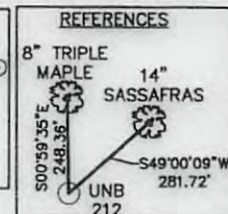
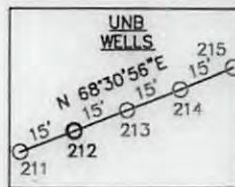
10,325' BOTTOM HOLE

LATITUDE 39° 27' 30"

LONGITUDE 79° 55' 00"



ID	TM	FAP	OWNER	ACRES
A	3	16	N/F CHARLES E. MacDONALD	222.75
B	6	7	VIRGINIA MORGAN BREWER	230.00
C	3	19	N/F CHARLES EDWARD & LAVERNE MACDONALD & SURV	20.26
D	3	19	N/F BEVERLY HORNBECK TRUSTEE OF THE BEVERLY HORNBECK LIVING TRUST	24.50
E	27	4	N/F BEVERLY HORNBECK TRUSTEE OF THE BEVERLY HORNBECK LIVING TRUST	152.00

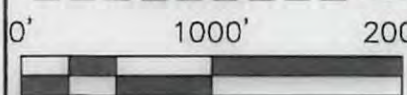


WELL NO. UNB 212 TOP HOLE
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 340433.00
E: 1874551.90
LAT: 39° 26' 02.136"
LON: 79° 56' 38.142"
STATE PLANE COORDINATES (NAD 83 NORTH ZONE-METER)
N: 103775.96
E: 561782.28
UTM COORDINATES (NAD 83-METER)
N: 4365463.76
E: 590886.91

WELL NO. UNB 212 LANDING POINT
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 339103.92
E: 1874209.82
LAT: 39° 25' 48.983"
LON: 79° 56' 42.419"
STATE PLANE COORDINATES (NAD 83 NORTH ZONE-METER)
N: 103370.86
E: 561678.00
UTM COORDINATES (NAD 83-METER)
N: 4365057.09
E: 590789.42

WELL NO. UNB 212 BOTTOM HOLE
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 346263.90
E: 1872018.87
LAT: 39° 26' 59.640"
LON: 79° 57' 10.801"
STATE PLANE COORDINATES (NAD 83 NORTH ZONE-METER)
N: 105553.15
E: 561010.24
UTM COORDINATES (NAD 83-METER)
N: 4367227.42
E: 590085.58

TH|BH
DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP
LEASE BOUNDARY
500' BUFFER



Michael S. Wolf, P.S. 2270

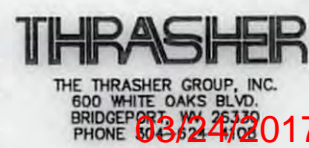
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

FILE NO. 030-1999
SCALE: 1"=1000'
MINIMUM DEGREE OF ACCURACY: 1 in 2500
PROVEN SOURCE OF ELEVATION: OPUS SURVEY GRADE GPS

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS

DATE DECEMBER 05 2016
OPERATOR'S WELL NO. UNB NO. 212
API WELL NO.
47 - 091 - 01328H6A
STATE COUNTY PERMIT

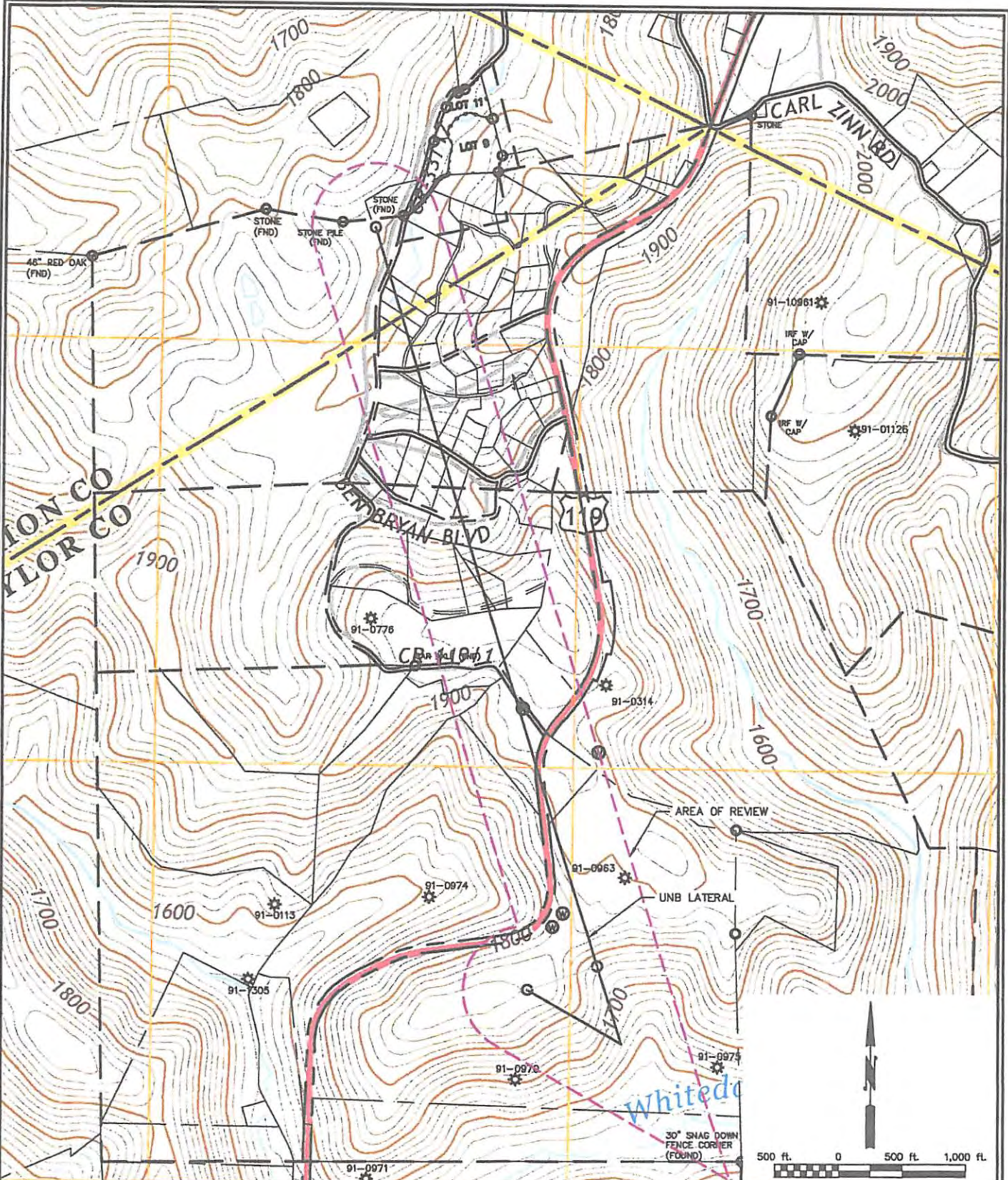
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1878' WATER SHED: WHITE DAY CREEK
DISTRICT: FETTERMAN COUNTY: TAYLOR
QUADRANGLE: GLADESVILLE 7.5' ACREAGE: 222.75 AC±
SURFACE OWNER: CHARLES E. MacDONALD LEASE ACREAGE: 649.51 AC +
OIL & GAS ROYALTY OWNER: JP MORGAN LEASE NO. _____



PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PERFORATE NEW FORMATION PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 7,958' TVD / 16,199' MD

WELL OPERATOR: MOUNTAINEER KEYSTONE DESIGNATED AGENT: NATHAN SKEEN
ADDRESS: 6031 WALLACE ROAD EX., SUITE 300 ADDRESS: 65 PROFESSIONAL PLACE, SUITE 200
WEXFORD, PA 15090 BRIDGEPORT, WV 26330

91-01328



CADD FILE: R:\030-2770 - MK - UNB South Road Access\Drawing\MOE Schematics\2770-ADR.dwg PLOT DATE/TIME: 3/9/2017 11:19 AM

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Mountaineer Keystone

MOUNTAINEER KEYSTONE, LLC.
 UNB WELL PAD
 AREA OF REVIEW EXHIBIT
 FETTERMAN DISTRICT, TAYLOR COUNTY, WV
 WELL NO. UNB 214

DATE
 03/08/2017
 SHEET No.
 4

03/24/2017