

**MOUNTAINEER KEYSTONE, LLC  
WELL NO. UNB 213**

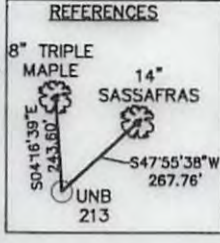
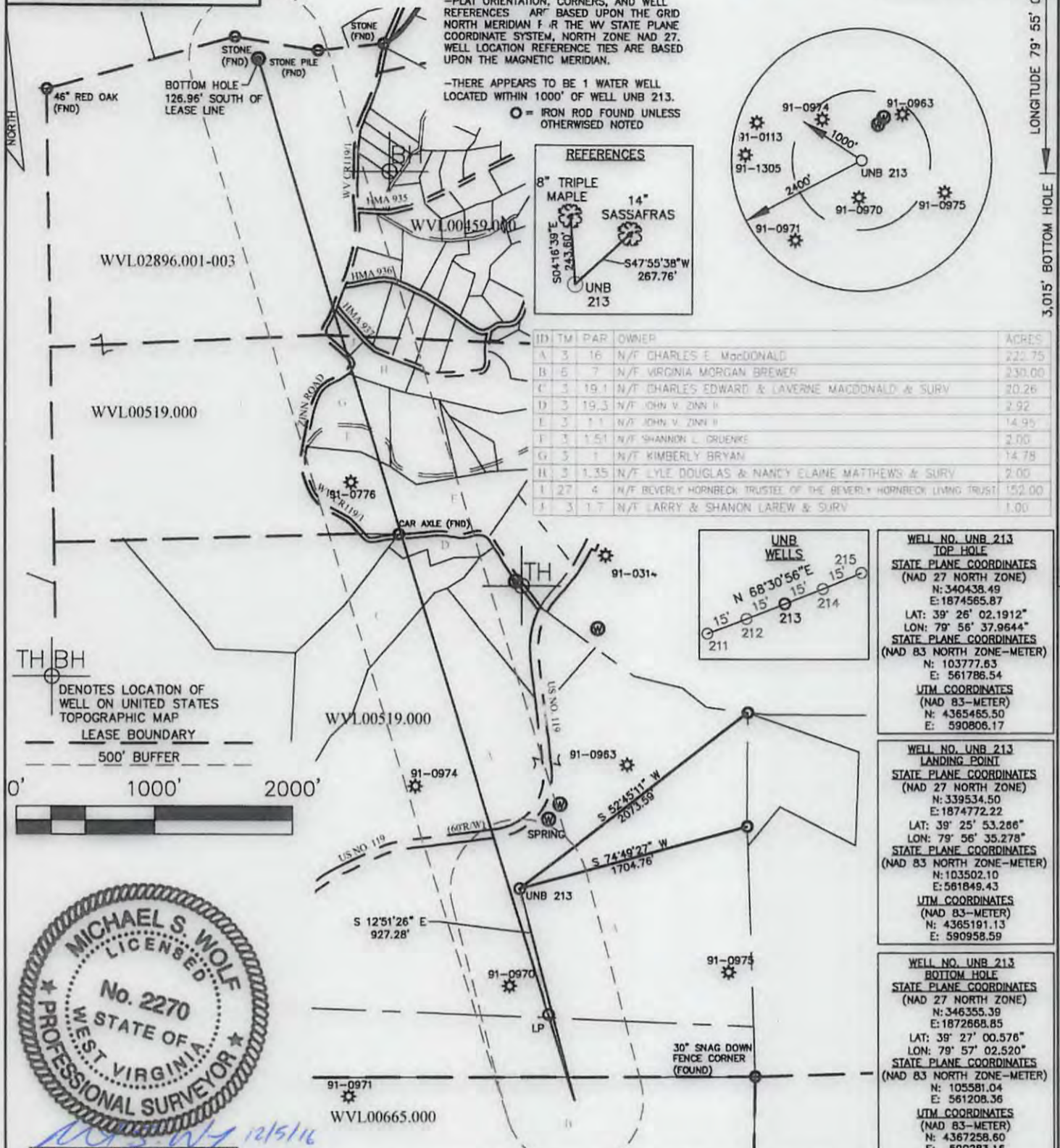
**NOTES:**  
-PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.  
-THERE APPEARS TO BE 1 WATER WELL LOCATED WITHIN 1000' OF WELL UNB 213.  
○ = IRON ROD FOUND UNLESS OTHERWISE NOTED

LATITUDE 39° 27' 30"

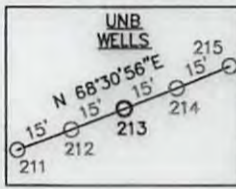
LONGITUDE 79° 55' 00"

9,751' TOP HOLE

9,676' BOTTOM HOLE



ID	TM	PAR	OWNER	ACRES
A	3	16	N/F CHARLES E. MacDONALD	222.75
B	5	7	N/F VIRGINIA MORGAN BREWER	230.00
C	3	19.1	N/F CHARLES EDWARD & LAVERNE MACDONALD & SURV	20.26
D	3	19.3	N/F JOHN V. ZINN II	2.92
E	3	1.1	N/F JOHN V. ZINN II	14.95
F	3	1.51	N/F SHANNON L. GROENKE	2.00
G	3	1	N/F KIMBERLY BRYAN	14.78
H	3	1.35	N/F LYLE DOUGLAS & NANCY ELAINE MATTHEWS & SURV	2.00
I	27	4	N/F BEVERLY HORNBECK TRUSTEE OF THE BEVERLY HORNBECK LIVING TRUST	152.00
J	3	1.7	N/F LARRY & SHANON LAREW & SURV	1.00

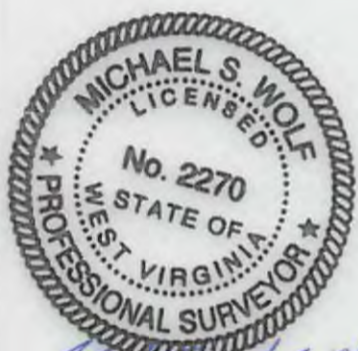
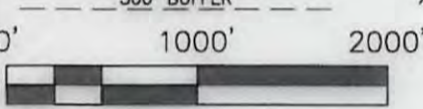


**WELL NO. UNB 213  
TOP HOLE**  
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)  
N: 340438.49  
E: 1874565.87  
LAT: 39° 26' 02.1912"  
LON: 79° 56' 37.9644"  
STATE PLANE COORDINATES (NAD 83 NORTH ZONE-METER)  
N: 103777.63  
E: 561786.54  
UTM COORDINATES (NAD 83-METER)  
N: 4365465.50  
E: 590806.17

**WELL NO. UNB 213  
LANDING POINT**  
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)  
N: 339534.50  
E: 1874772.22  
LAT: 39° 25' 53.286"  
LON: 79° 56' 35.278"  
STATE PLANE COORDINATES (NAD 83 NORTH ZONE-METER)  
N: 103502.10  
E: 561849.43  
UTM COORDINATES (NAD 83-METER)  
N: 4365191.13  
E: 590958.59

**WELL NO. UNB 213  
BOTTOM HOLE**  
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)  
N: 346355.39  
E: 1872668.85  
LAT: 39° 27' 00.576"  
LON: 79° 57' 02.520"  
STATE PLANE COORDINATES (NAD 83 NORTH ZONE-METER)  
N: 105581.04  
E: 561208.36  
UTM COORDINATES (NAD 83-METER)  
N: 4367258.60  
E: 590283.16

TH BH DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP LEASE BOUNDARY



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. <u>030-1999</u>	DATE <u>DECEMBER 05</u> 2016
SCALE: <u>1"=1000'</u>	OPERATOR'S WELL NO. <u>UNB NO. 213</u>
MINIMUM DEGREE OF ACCURACY: <u>1 in 2500</u>	API WELL NO.
PROVEN SOURCE OF ELEVATION: <u>OPUS SURVEY GRADE GPS</u>	<u>47</u> - <u>091</u> - <u>01329#6A</u>
	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

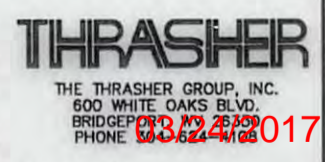
DISTRICT: FETTERMAN COUNTY: TAYLOR

QUADRANGLE: GLADESVILLE 7.5' ACREAGE: 222.75 AC ±

SURFACE OWNER: CHARLES E. MacDONALD LEASE ACREAGE: 679.61 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) \_\_\_\_\_



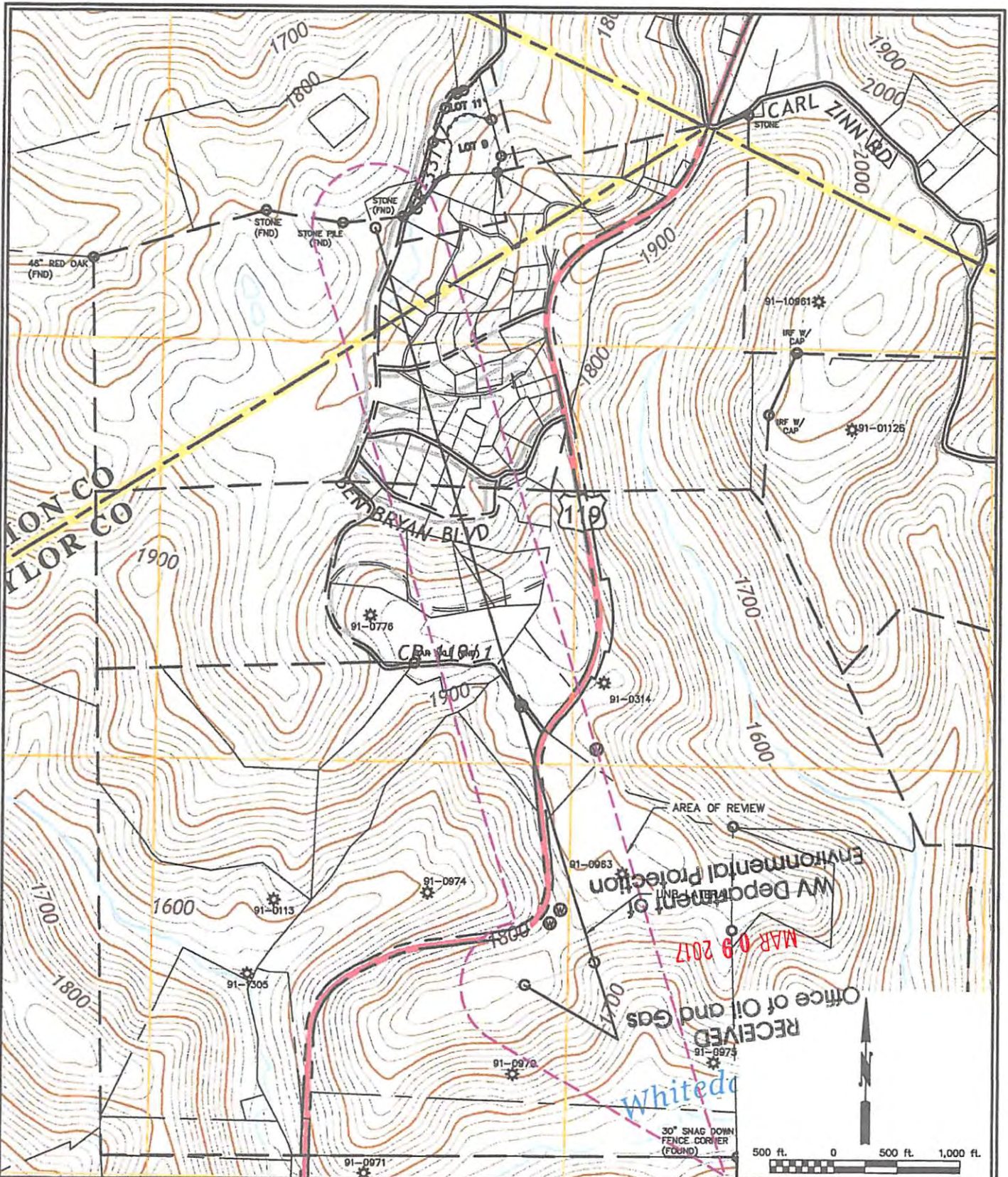
PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_

TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 7,958' TVD / 15,765' MD

WELL OPERATOR: MOUNTAINEER KEYSTONE DESIGNATED AGENT: NATHAN SKEEN

ADDRESS: 6031 WALLACE ROAD EX., SUITE 300 WEXFORD, PA 15090 ADDRESS: 65 PROFESSIONAL PLACE, SUITE 200 BRIDGEPORT, WV 26330

91-01329



PLOT DATE/TIME: 3/8/2017 11:19 AM  
CAD FILE: R:\030-2770 - MK - UNB South Road Access\Drawing\AOR Schematic\2770-AOR.dwg

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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