

7,737' TOP HOLE

8,983' BOTTOM HOLE

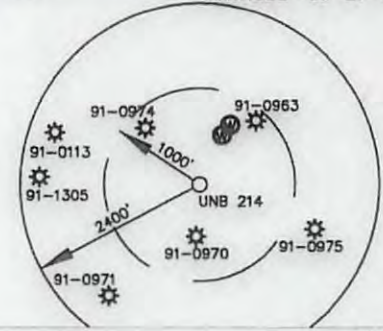
LATITUDE 39° 27' 30"

LONGITUDE 79° 55' 00"

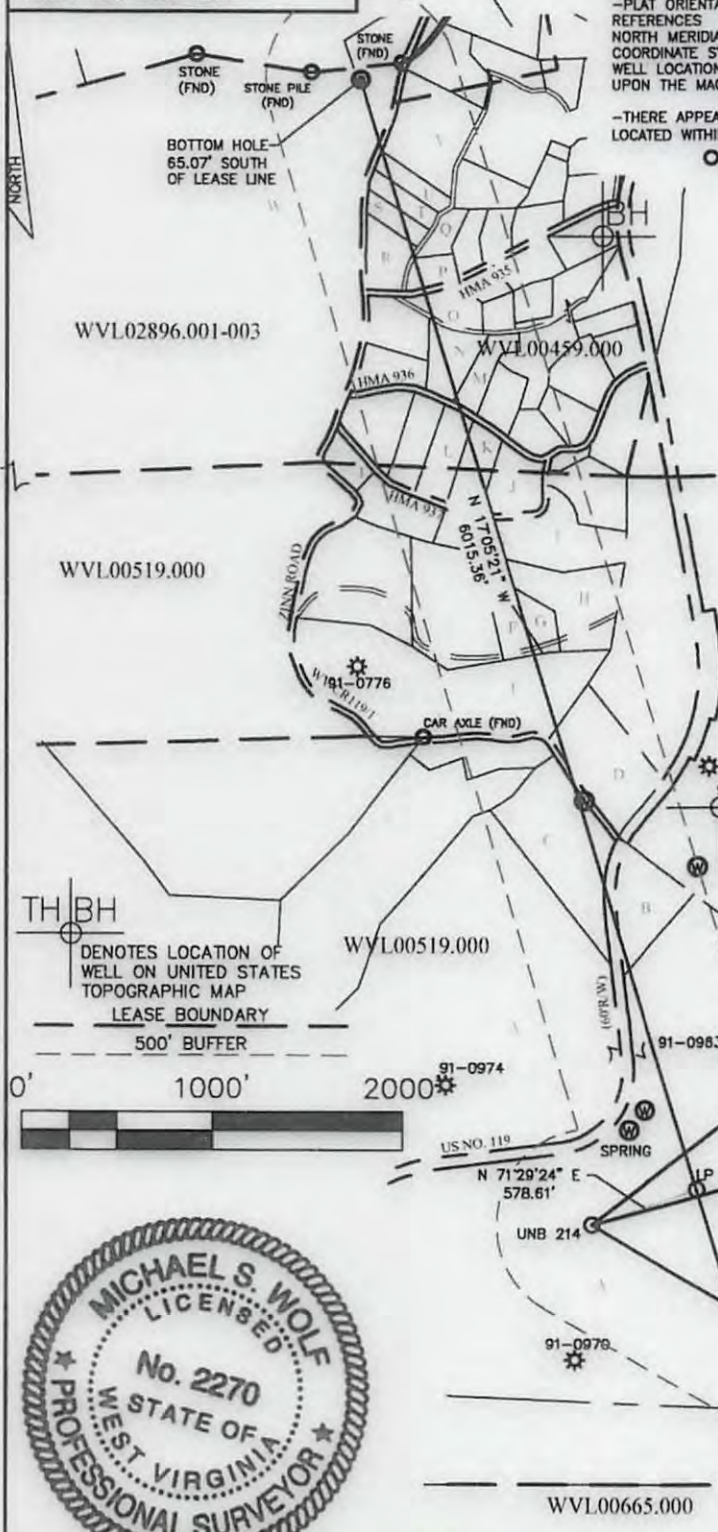
MOUNTAINEER KEYSTONE, LLC
WELL NO. UNB 214

WVL01061.001-002

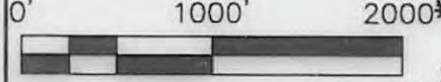
NOTES:
-PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.
-THERE APPEARS TO BE 1 WATER WELL LOCATED WITHIN 1000' OF WELL UNB 214.
○ = IRON ROD FOUND UNLESS OTHERWISE NOTED



| ID | TM | PAR | OWNER | ACRES |
|----|----|------|---|--------|
| A | 3 | 16 | N/F CHARLES E. MacDONALD | 222.75 |
| B | 3 | 22 | N/F MARY ERICKSON | 3.00 |
| C | 3 | 17 | N/F TRUSTEES FAIRMONT DIST. OF FREE METHODIST CHURCH | 7.50 |
| D | 3 | 15.1 | N/F WILLIAM J. LOGAR | 4.64 |
| E | 3 | 1.1 | N/F JOHN W. ZINN | 14.95 |
| F | 3 | 1.40 | N/F JAMES O. GWENDOLYN J. & RICHARD L. POWELL & SURV | 0.98 |
| G | 3 | 1.26 | N/F JAMES O. GWENDOLYN J. & RICHARD L. POWELL & SURV | 1.02 |
| H | 3 | 1.48 | N/F MICHAEL A. & MARJORIE A. DARRAH & SURV | 3.00 |
| I | 3 | 1.22 | N/F RANDALL D. & KIMBERLY N. McNEELY & SURV | 5.00 |
| J | 3 | 1.12 | N/F KENNETH E. RICHARDS | 2.25 |
| K | 3 | 1 | N/F KIMBERLY BRYAN | 14.78 |
| L | 3 | 1.53 | N/F HARRIET J. STUMP & SURV & DEBORAH RHYVARABHOTIA | 2.00 |
| M | 3 | 1.16 | N/F MARY A. DAVIDSON | 2.00 |
| N | 3 | 1.31 | N/F RICHARD A. & ANGELA M. DOWLING & SURV | 2.00 |
| O | 3 | 1.28 | N/F STEPHEN M. & AMY L. FORD & SURV | 1.13 |
| P | 3 | 1.39 | N/F PNC BANK TRUSTEE | 1.00 |
| Q | 3 | 1.41 | N/F FIRST UNITED BANK & TRUST | 1.00 |
| R | 3 | 1.50 | N/F RONALD L. STROUPE | 1.15 |
| S | 3 | 1.46 | N/F TRISH J. HERN | 1.00 |
| T | 3 | 1.44 | N/F DAVID & JOSEPHINE BIGGIN & SURV | 1.00 |
| U | 3 | 1.43 | N/F CALEB J. SISLER & SURV & KAY LEIGH B. LUNDE | 1.21 |
| V | 27 | 5.9 | N/F GINA P. DINGESS | 2.00 |
| W | 27 | 4 | N/F BEVERLY HORNBECK TRUSTEE OF THE BEVERLY HORNBECK LIV TR | 152.00 |

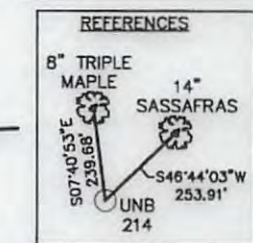
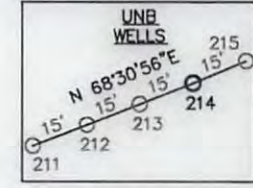


TH BH DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP LEASE BOUNDARY
500' BUFFER

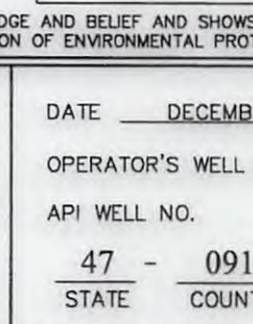


WELL NO. UNB 214
TOP HOLE
STATE PLANE COORDINATES
(NAD 27 NORTH ZONE)
N: 340443.89
E: 1874579.76
LAT: 39° 26' 02.245"
LON: 79° 56' 37.788"
STATE PLANE COORDINATES
(NAD 83 NORTH ZONE-METER)
N: 103779.28
E: 561790.77
UTM COORDINATES
(NAD 83-METER)
N: 4365467.22
E: 590895.35

WELL NO. UNB 214
LANDING POINT
STATE PLANE COORDINATES
(NAD 27 NORTH ZONE)
N: 340627.61
E: 1875128.42
LAT: 39° 26' 04.088"
LON: 79° 56' 30.806"
STATE PLANE COORDINATES
(NAD 83 NORTH ZONE-METER)
N: 103835.28
E: 561958.01
UTM COORDINATES
(NAD 83-METER)
N: 4365525.98
E: 591061.59



WELL NO. UNB 214
BOTTOM HOLE
STATE PLANE COORDINATES
(NAD 27 NORTH ZONE)
N: 346377.38
E: 1873360.73
LAT: 39° 27' 00.828"
LON: 79° 56' 53.701"
STATE PLANE COORDINATES
(NAD 83 NORTH ZONE-METER)
N: 105587.75
E: 561419.25
UTM COORDINATES
(NAD 83-METER)
N: 4367268.81
E: 590493.86



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. 214</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 - 091 - 01330 #6A</u> |
| | STATE COUNTY PERMIT |

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

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: 447.36 AC +

OIL & GAS ROYALTY OWNER: JP MORGAN LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE

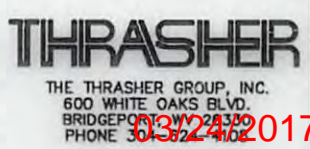
PERFORATE NEW FORMATION PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

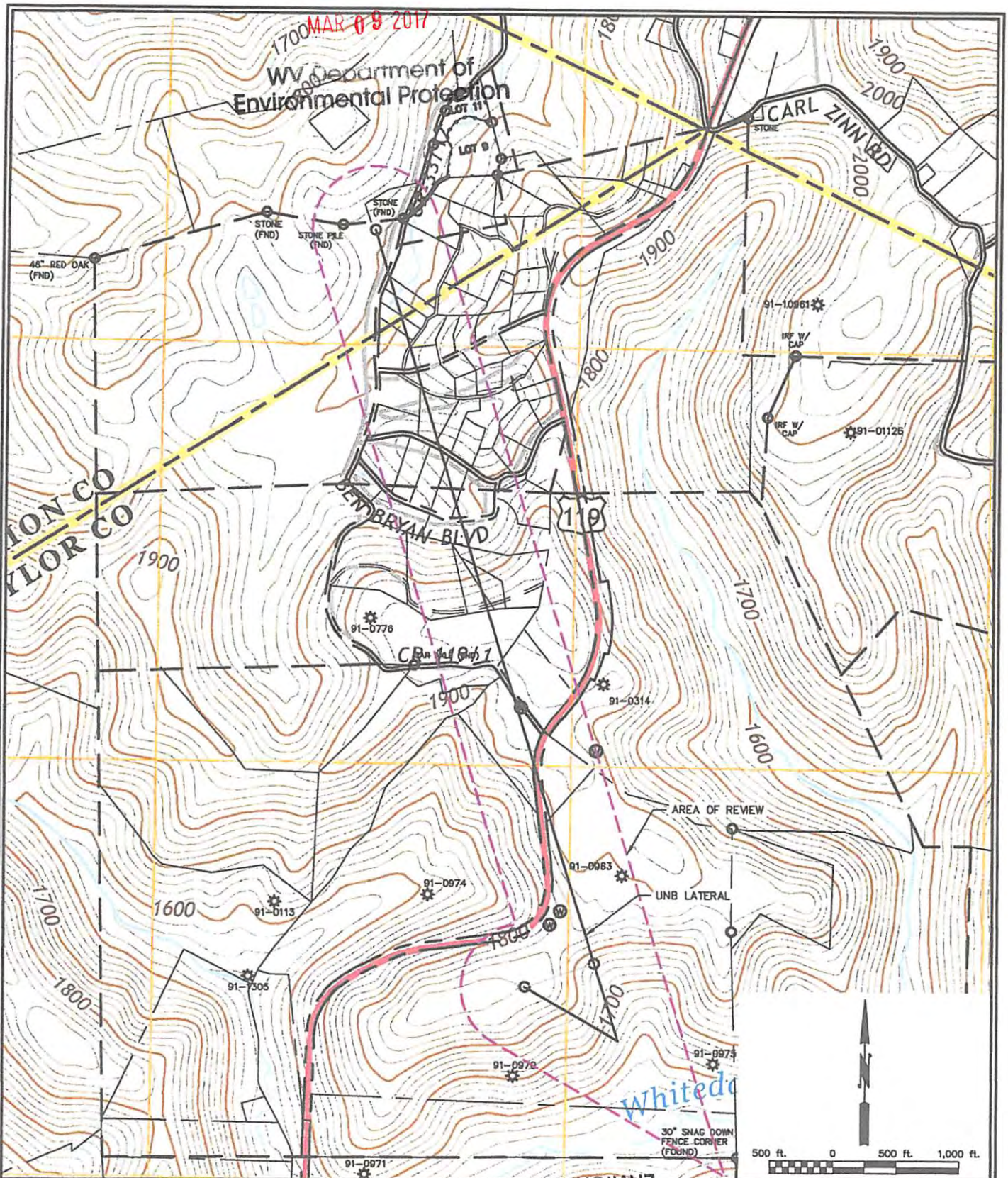
TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 7,958' TVD / 14,484' MD

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



03242017



PLOT DATE/TIME: 3/9/2017 11:19 AM
 CAD FILE: R:\030-2770 - MK - UNB South Road Access\Drawing\AOR Schematic\2770-AOR.dwg

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|---|--|---|---|--------------------------------------|