

WVDNR #1209 (47-103-02783) AS-DRILLED

WVDNR #1209 (47-103-02783) BOTTOM HOLE

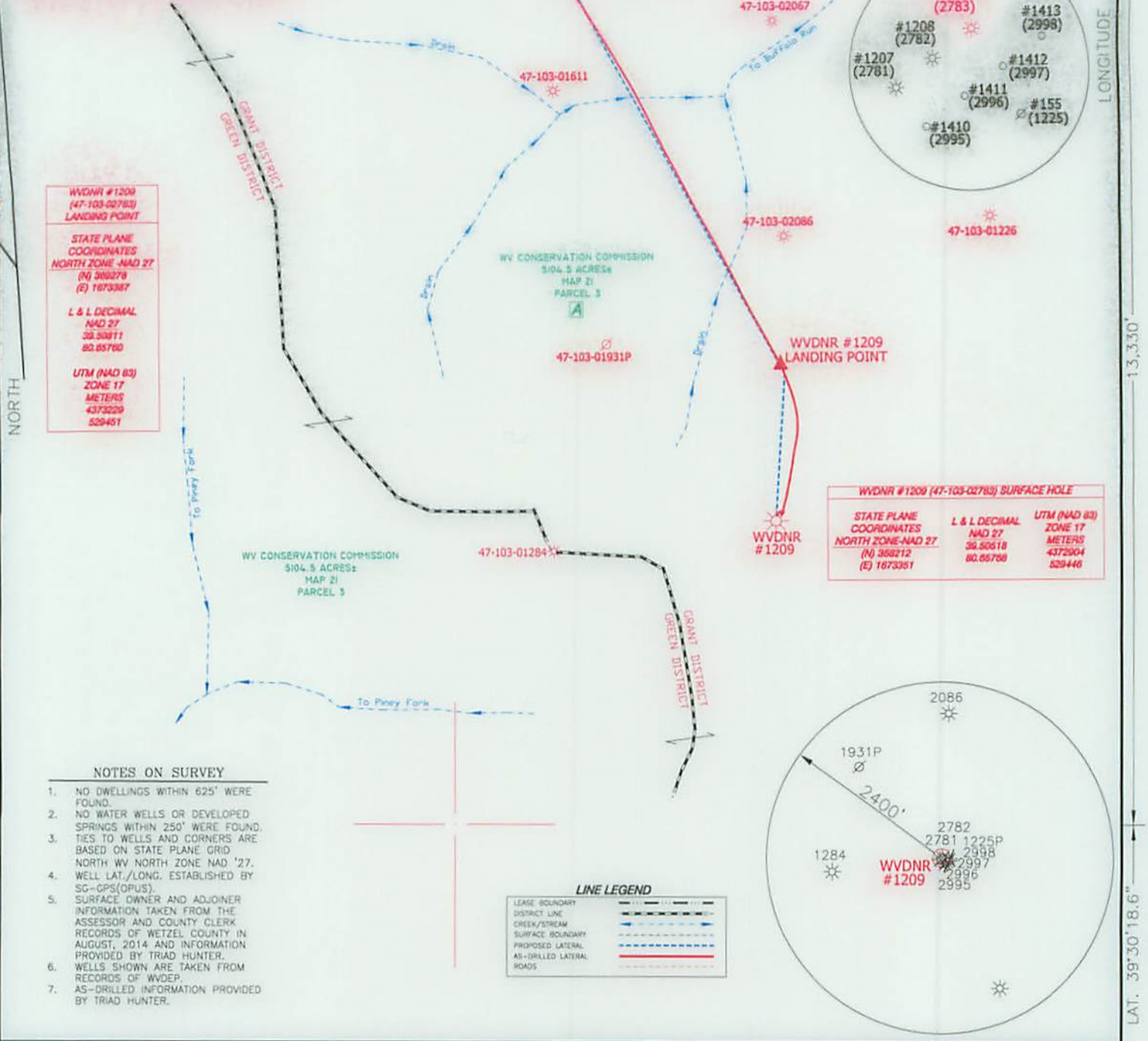
STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE-NAD 27	NAD 27	ZONE 17
(N) 372389	36.51839	METERS
(E) 1671999	80.86083	4374159
		528912

WVDNR #1209 (47-103-02783) LANDING POINT

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE-NAD 27	NAD 27	ZONE 17
(N) 368278	36.50811	METERS
(E) 1673387	80.65760	4373229
		529451

WVDNR #1209 (47-103-02783) SURFACE HOLE

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE-NAD 27	NAD 27	ZONE 17
(N) 368212	36.50618	METERS
(E) 1673351	80.65760	4372904
		529446



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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE FEBRUARY 18, 20 15
 OPERATORS WELL NO. WVDNR #1209
 API WELL NO. 47-103-02783
 STATE COUNTY PERMIT

P.S. 834
 HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7035 EMAIL: hupp@frontiernet.net

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2102(BK58-78)
 PROVEN SOURCE OF ELEVATION SG-GPS (OPUS) SCALE 1" = 1000'

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

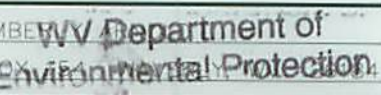
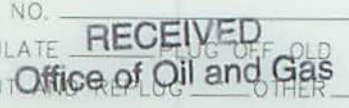
WELL TYPE : OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION : ELEVATION 1,455' WATERSHED TRIBUTARY OF BUFFALO RUN
 DISTRICT GRANT COUNTY WETZEL QUADRANGLE PINE GROVE 7.5'

SURFACE OWNER WEST VIRGINIA CONSERVATION COMMISSION ACREAGE 5104.5 ±
 ROYALTY OWNER MILLS WETZEL LAND Inc. LEASE ACREAGE 5104.5±

PROPOSED WORK : LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG AND ABANDON CLEAN OUT OTHER
 FORMATION MARCELLUS TARGET FORMATION MARCELLUS
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ ESTIMATED DEPTH 7,476' (11,676' MD)

WELL OPERATOR TRIAD HUNTER, LLC. DESIGNATED AGENT KIMBERLY
 ADDRESS 777 POST OAK BLVD., SUITE 910 HOUSTON, TX 77056 ADDRESS P.O. BOX 154



COUNTY NAME
 PERMIT

WVDNR #1209 (47-103-02783) AS-DRILLED

**WVDNR #1209
(47-103-02783)
LANDING POINT**

**STATE PLANE
COORDINATES
NORTH ZONE -NAD 27**
(N) 369278
(E) 1673387

**L & L DECIMAL
NAD 27**
39.50811
80.65760

**UTM (NAD 83)
ZONE 17
METERS**
4373229
529451

WVDNR #1209 (47-103-02783) BOTTOM HOLE

**STATE PLANE
COORDINATES
NORTH ZONE-NAD 27**
(N) 372389
(E) 1671669

**L & L DECIMAL
NAD 27**
39.51659
80.66383

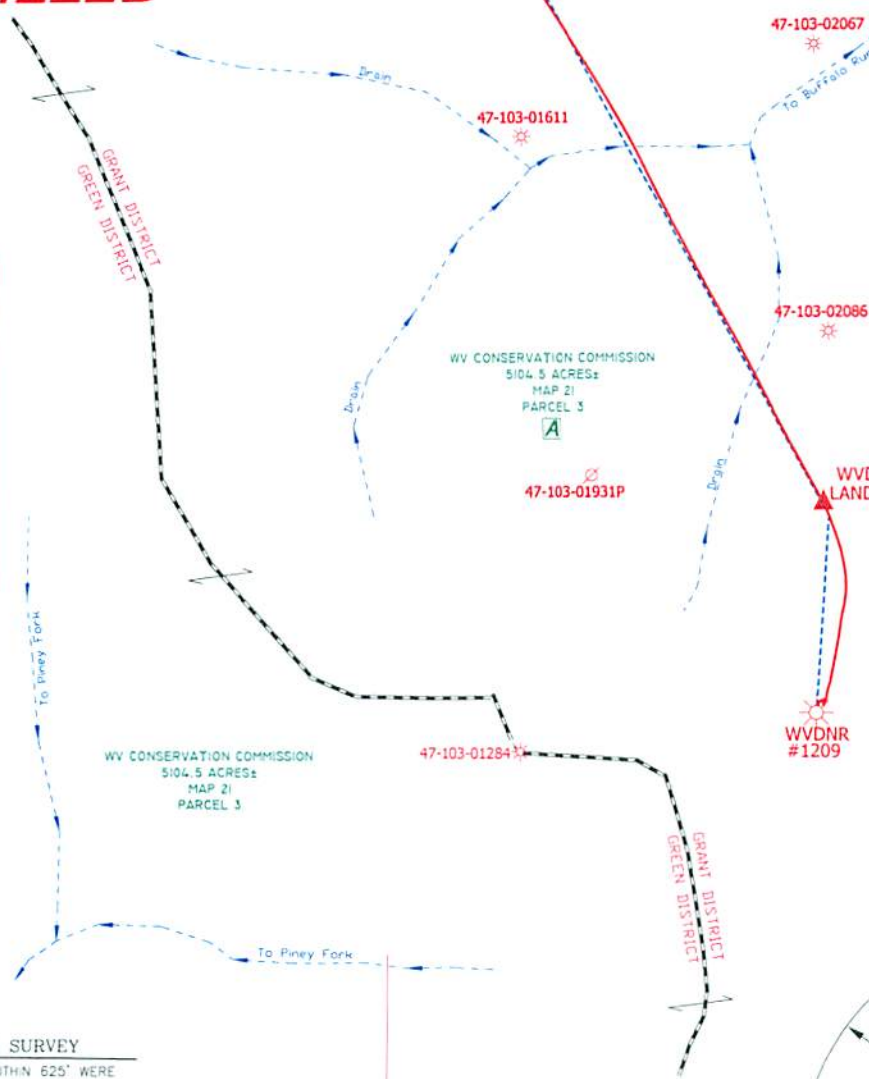
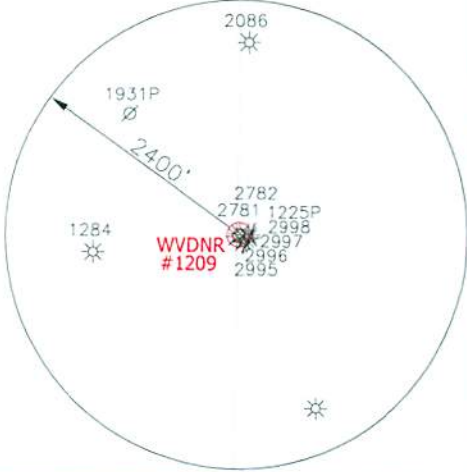
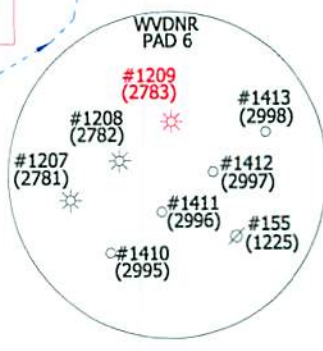
**UTM (NAD 83)
ZONE 17
METERS**
4374169
526912

WVDNR #1209 (47-103-02783) SURFACE HOLE

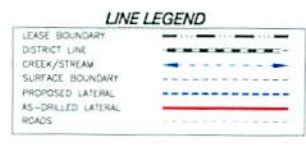
**STATE PLANE
COORDINATES
NORTH ZONE-NAD 27**
(N) 368212
(E) 1673351

**L & L DECIMAL
NAD 27**
39.50518
80.65768

**UTM (NAD 83)
ZONE 17
METERS**
4372904
529448



- NOTES ON SURVEY**
1. NO DWELLINGS WITHIN 625' WERE FOUND.
 2. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
 3. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
 4. WELL LAT./LONG. ESTABLISHED BY SG-GPS(OPUS).
 5. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN AUGUST, 2014 AND INFORMATION PROVIDED BY TRIAD HUNTER.
 6. WELLS SHOWN ARE TAKEN FROM RECORDS OF WDEP.
 7. AS-DRILLED INFORMATION PROVIDED BY TRIAD HUNTER.



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DATE FEBRUARY 18, 2015

OPERATORS WELL NO. WVDNR #1209

API WELL NO. 47-103-02783

STATE COUNTY PERMIT

P.S. 834

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MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2102(BK58-78)

PROVEN SOURCE OF ELEVATION SG-GPS (OPUS) SCALE 1" = 1000'

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

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FORMATION MARBLEUS TARGET FORMATION MARBLEUS

PHYSICAL CHANGE IN WELL (SPECIFY) _____ ESTIMATED DEPTH 7,471' TVD 11,676' MD

WELL OPERATOR TRIAD HUNTER, LLC. DESIGNATED AGENT KIMBERLY ARNO

ADDRESS 777 POST OAK BLVD., SUITE 910 HOUSTON, TX 77056 ADDRESS P.O. BOX 154 WAVERLY, WV 26184

RECEIVED
Office of Oil and Gas
MAR 2 2015
WV Department of Environmental Protection

LONGITUDE 80°37'30" 13,330' LAT. 39°30'18.6" COUNTY NAME PERMIT