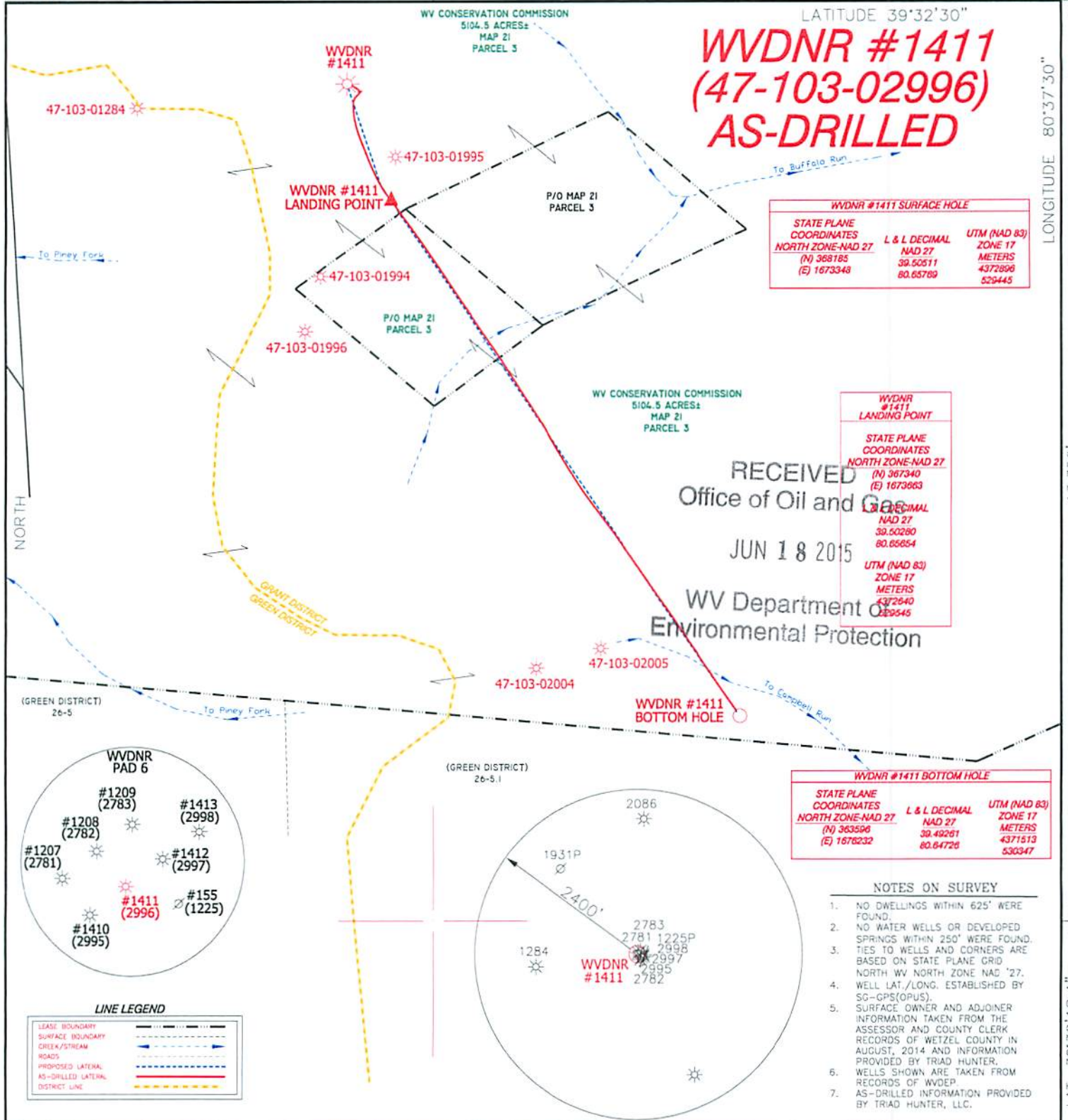


WVDNR #1411 (47-103-02996) AS-DRILLED



WVDNR #1411 SURFACE HOLE

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE-NAD 27	NAD 27	ZONE 17
(N) 368185	39.50511	METERS
(E) 1673348	80.65789	4372898
		529445

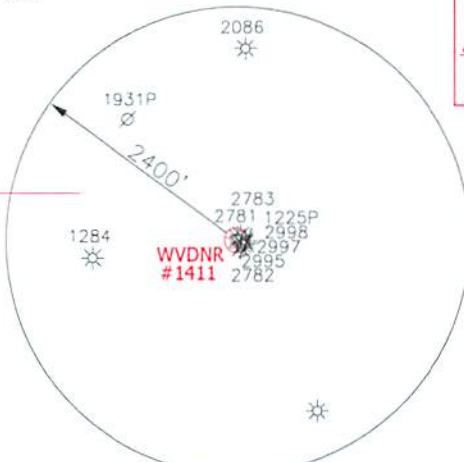
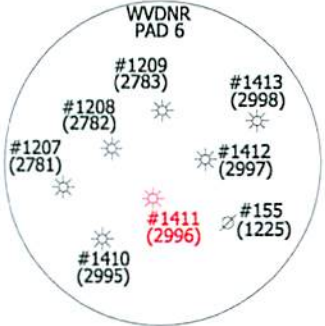
WVDNR #1411 LANDING POINT

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE-NAD 27	NAD 27	ZONE 17
(N) 367340	39.50260	METERS
(E) 1673663	80.65654	4372640
		529545

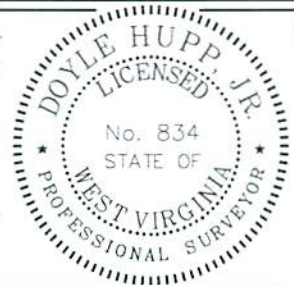
WVDNR #1411 BOTTOM HOLE

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE-NAD 27	NAD 27	ZONE 17
(N) 363596	39.49261	METERS
(E) 1676232	80.64728	4371513
		530347

RECEIVED
Office of Oil and Gas
JUN 18 2015
WV Department of
Environmental Protection



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.

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

DATE JUNE 8, 20 15
OPERATORS WELL NO. WVDNR #1411
API WELL NO. 47-103-02996
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2102(BK77-11)
PROVEN SOURCE OF ELEVATION SG-GPS (OPUS) SCALE 1" = 1000'

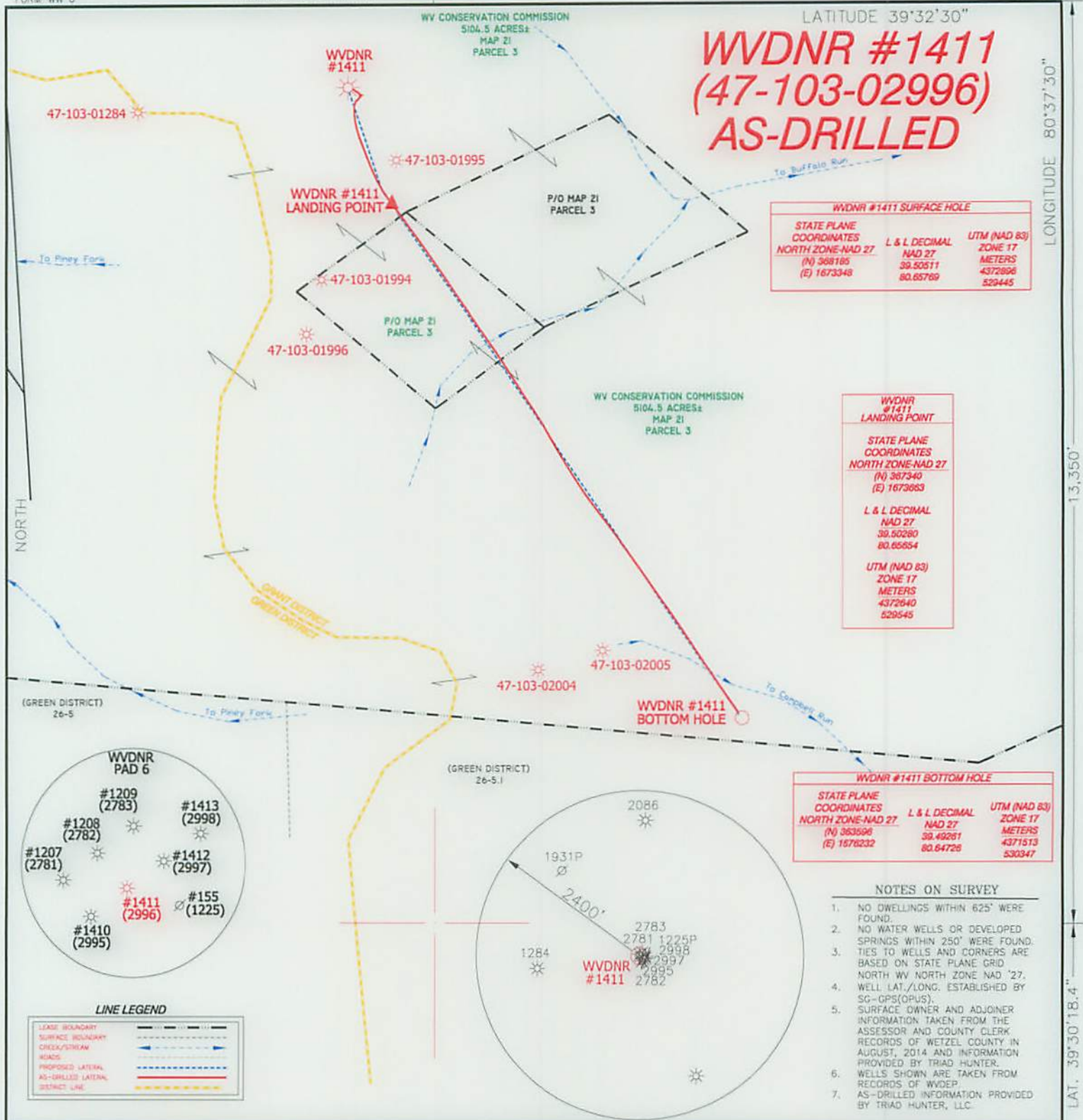
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

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./SHIBEN HEIRS/KERR MCGEE LEASE ACREAGE 5134.5±
PROPOSED WORK : LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH 7,580' TVD 12,533' MD

WELL OPERATOR TRIAD HUNTER, LLC. DESIGNATED AGENT KIMBERLY ARNOLD
ADDRESS 777 POST OAK BLVD., SUITE 910 HOUSTON, TX 77056 ADDRESS P.O. BOX 154 WAVERLY, WV 26184

WVDNR #1411 (47-103-02996) AS-DRILLED



WVDNR #1411 SURFACE HOLE		
STATE PLANE COORDINATES NORTH ZONE-NAD 27	L & L DECIMAL NAD 27	UTM (NAD 83) ZONE 17 METERS
(N) 368185 (E) 1673348	39.50511 80.65769	4372698 529445

WVDNR #1411 LANDING POINT		
STATE PLANE COORDINATES NORTH ZONE-NAD 27	L & L DECIMAL NAD 27	UTM (NAD 83) ZONE 17 METERS
(N) 367340 (E) 1673663	39.50280 80.65854	4372640 529545

WVDNR #1411 BOTTOM HOLE		
STATE PLANE COORDINATES NORTH ZONE-NAD 27	L & L DECIMAL NAD 27	UTM (NAD 83) ZONE 17 METERS
(N) 363596 (E) 1676232	39.49261 80.64726	4371513 530347

- NOTES ON SURVEY**
- NO DWELLINGS WITHIN 625' WERE FOUND.
 - NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
 - TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
 - WELL LAT./LONG. ESTABLISHED BY SG-GPS(OPUS).
 - 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.
 - WELLS SHOWN ARE TAKEN FROM RECORDS OF WDEP.
 - AS-DRILLED INFORMATION PROVIDED BY TRIAD HUNTER, LLC.

LINE LEGEND

LEASE BOUNDARY	---
SURFACE BOUNDARY	---
CREEK/STREAM	---
ROAD	---
PROPOSED LATERAL	---
AS-DRILLED LATERAL	---
DISTRICT LINE	---

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Doyle Hupp, Jr.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 8, 20 15
 OPERATORS WELL NO. WVDNR #1411
 API WELL NO. 47-103-02996
 STATE COUNTY PERMIT

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MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2102(BK77-11)
 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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 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
 ESTIMATED DEPTH 7,580' TVD 12,533' MD

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