

WVDNR #1412

WVDNR #1412 SURFACE HOLE		
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 388787 (E) 1873365	L & L DECIMAL NAD 27 38.50514 80.65783	UTM (NAD 83) ZONE 17 METERS 4372800 529450

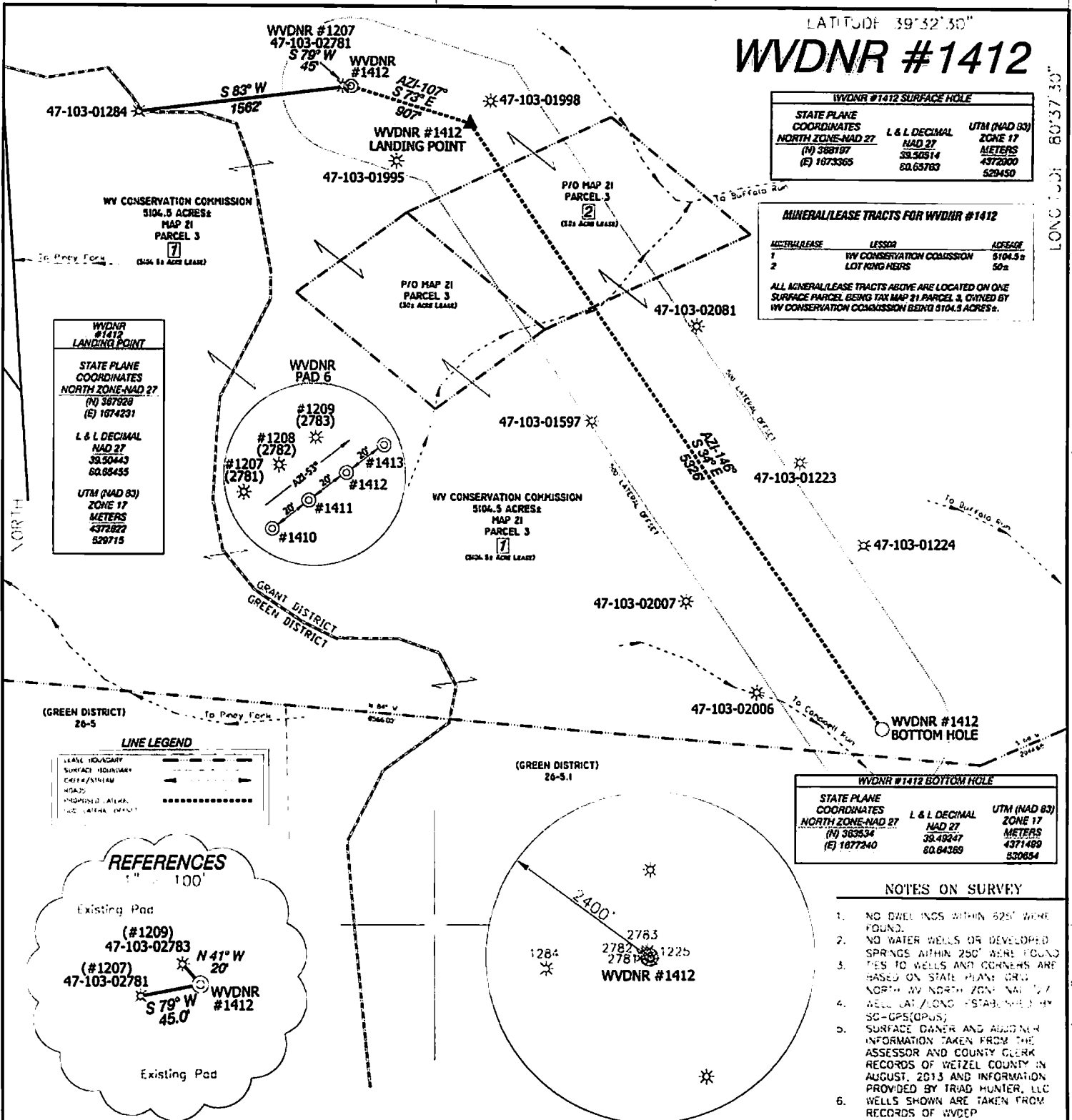
MINERAL/LEASE TRACTS FOR WVDNR #1412		
ACREAGE	LESSOR	ACREAGE
1	WV CONSERVATION COMMISSION	5104.5±
2	LOT KING HEIRS	50±

ALL MINERAL/LEASE TRACTS ABOVE ARE LOCATED ON ONE SURFACE PARCEL BEING TAX MAP #1 PARCEL 3, OWNED BY WV CONSERVATION COMMISSION BEING 5104.5 ACRES±.

WVDNR #1412 BOTTOM HOLE		
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 382534 (E) 1877240	L & L DECIMAL NAD 27 38.49247 80.64369	UTM (NAD 83) ZONE 17 METERS 4371480 530684

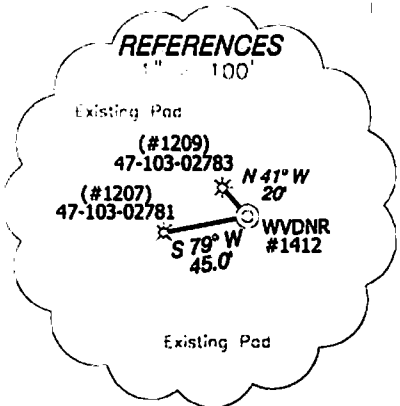
NOTES ON SURVEY

- 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.
- WELL CAT / LOGS ESTABLISHED BY SC-GPS(OPUS).
- SURFACE OWNER AND LESSOR INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN AUGUST, 2013 AND INFORMATION PROVIDED BY TRIAD HUNTER, LLC.
- WELLS SHOWN ARE TAKEN FROM RECORDS OF WVCEP.

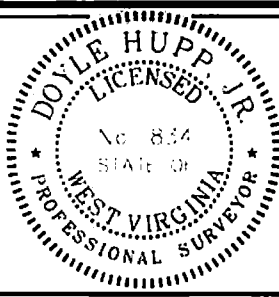


WVDNR #1412 LANDING POINT		
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 387828 (E) 1874231	L & L DECIMAL NAD 27 38.50443 80.66435	UTM (NAD 83) ZONE 17 METERS 4372822 529715

LINE LEGEND	
LEASE BOUNDARY	---
SURFACE BOUNDARY	---
CRUISE/ATRIUM	---
ROAD	---
PROPOSED PATH	---
SEE LATER SHEET	---



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 28, 2014
 OPERATORS WELL NO: WVDNR #1412
 AP WELL NO: 47-103-02997 H6A
 STATE COUNTY PERMIT

P.S. 834
 Doyle Hupp Jr.
 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)
 SCALE: 1" = 1000'
 SOURCE OF ELEVATION: SC-GPS (OPUS)

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: M.J.S. WETZEL LAND Inc./LOT KING HEIRS ACREAGE: 5154.0 ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OR ABANDON

TARGET FORMATION: MARCELLUS
 ESTIMATED DEPTH: 7,550' TVD 13,600' 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 WEAVERLY, WV 26184

06/13/2014



TM
 MAN (8.87M)
 DHH
 4-14-14

Scale 1 : 24,000
 1" = 2,000.0 ft
 Data Zoom 14-1

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Received
 APR 27 2014