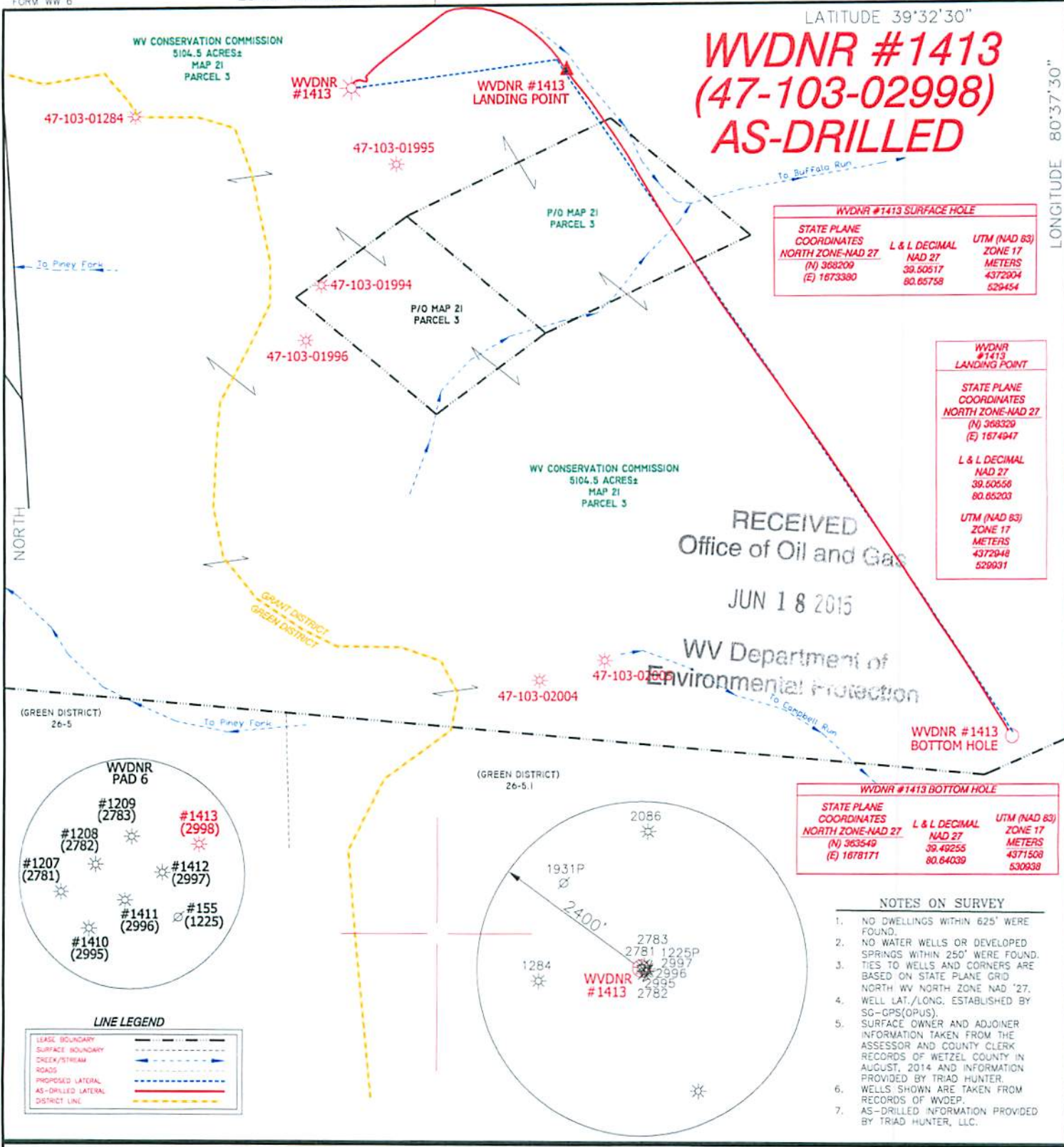


WVDNR #1413 (47-103-02998) AS-DRILLED



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.
DATE JUNE 8, 20 15
OPERATORS WELL NO. WVDNR #1413
API WELL NO. 47-103-02998
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(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 X LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION X STORAGE DEEP SHALLOW X
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 7,633' TVD 14,230' 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 #1413 (47-103-02998) AS-DRILLED

WV CONSERVATION COMMISSION
5104.5 ACRES±
MAP 21
PARCEL 3

WVDNR #1413

WVDNR #1413
LANDING POINT

47-103-01995

P/O MAP 21
PARCEL 3

47-103-01994

P/O MAP 21
PARCEL 3

47-103-01996

WV CONSERVATION COMMISSION
5104.5 ACRES±
MAP 21
PARCEL 3

47-103-02004

47-103-02005

WVDNR #1413
BOTTOM HOLE

WVDNR #1413 SURFACE HOLE

STATE PLANE COORDINATES NORTH ZONE-NAD 27	L & L DECIMAL NAD 27	UTM (NAD 83) ZONE 17 METERS
(N) 368209 (E) 1873380	39.50517 80.85758	4372504 529454

WVDNR #1413 LANDING POINT

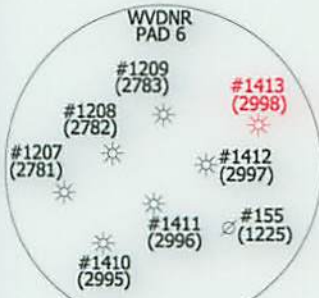
STATE PLANE COORDINATES NORTH ZONE-NAD 27	L & L DECIMAL NAD 27	UTM (NAD 83) ZONE 17 METERS
(N) 368329 (E) 1874947	39.50558 80.85203	4372648 529931

WVDNR #1413 BOTTOM HOLE

STATE PLANE COORDINATES NORTH ZONE-NAD 27	L & L DECIMAL NAD 27	UTM (NAD 83) ZONE 17 METERS
(N) 363549 (E) 1878171	39.49255 80.84039	4371508 530938

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	---
DITCH/STREAM	---
ROADS	---
PROPOSED LATERAL	---
AS-DRILLED LATERAL	---
DISTRICT LINE	---

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Doyle Hupp, Jr.

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STATE COUNTY PERMIT

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PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH 7,633' TVD 14,230' 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