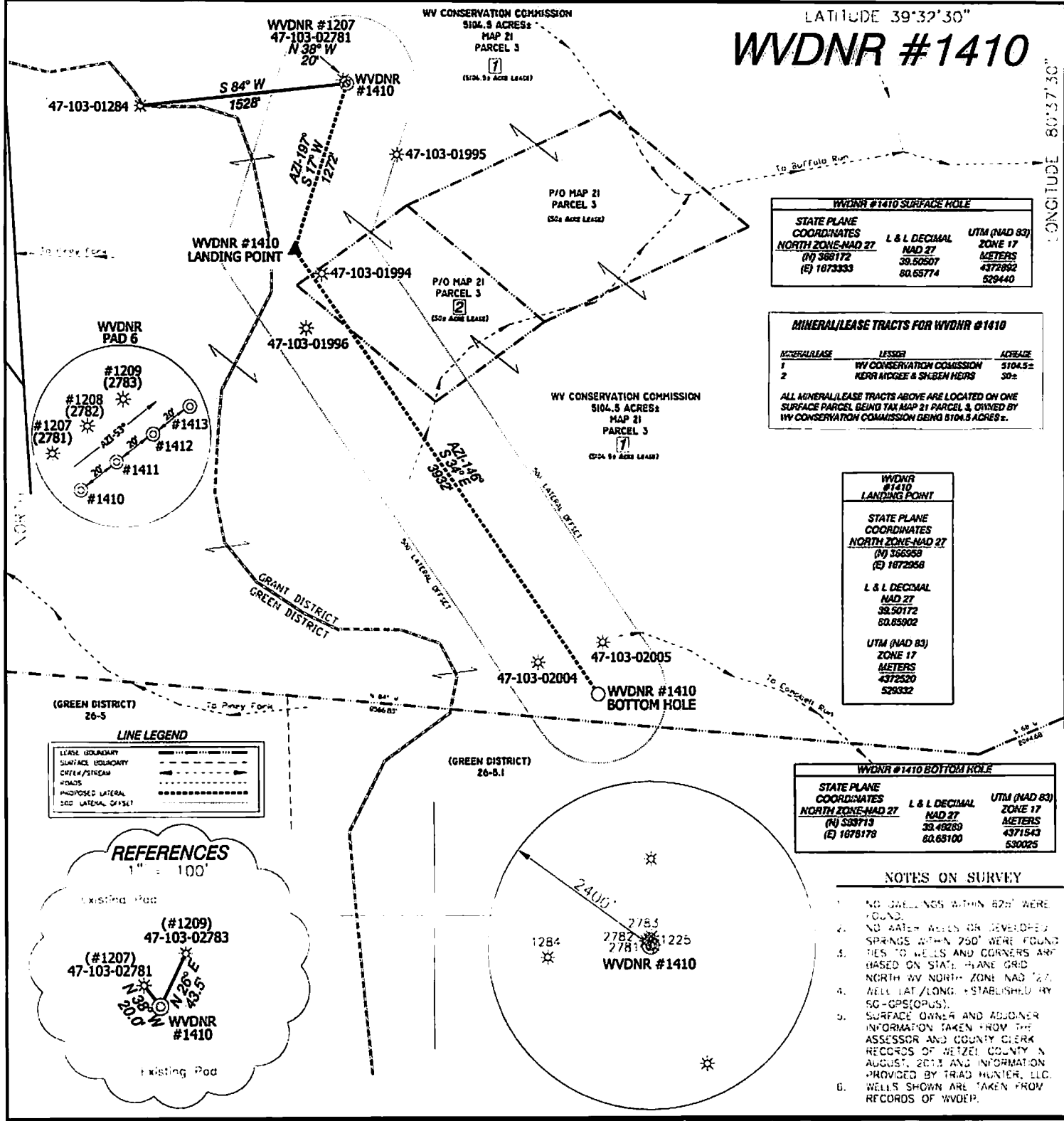


WVDNR #1410



WVDNR #1410 SURFACE HOLE		
STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE-NAD 27	NAD 27	ZONE 17
(N) 388172	38.50507	METERS
(E) 1873333	80.65774	4372892
		529440

MINERAL/LEASE TRACTS FOR WVDNR #1410		
MINERAL/LEASE	LESSOR	ACREAGE
1	WV CONSERVATION COMMISSION	5104.5±
2	KERR MCGEE & SHIBEN HEIRS	5134.5±

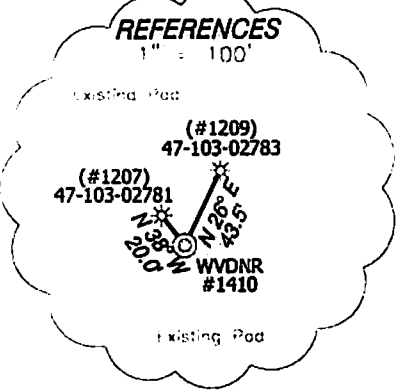
ALL MINERAL/LEASE TRACTS ABOVE ARE LOCATED ON ONE SURFACE PARCEL BEING TAX MAP 21 PARCEL 3, OWNED BY WV CONSERVATION COMMISSION BEING 5104.5 ACRES ±.

WVDNR #1410 LANDING POINT		
STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE-NAD 27	NAD 27	ZONE 17
(N) 366958	38.50172	METERS
(E) 1872958	80.65902	4372520
		529332

WVDNR #1410 BOTTOM HOLE		
STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83)
NORTH ZONE-NAD 27	NAD 27	ZONE 17
(N) 533713	38.48289	METERS
(E) 1878178	80.65100	4371543
		530025

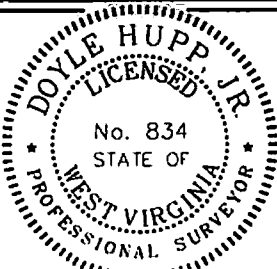
LINE LEGEND

LEASE BOUNDARY	---
SURFACE BOUNDARY	----
CUTLINE/STREAM	~~~~~
ROADS	=====
PROPOSED LATERAL	-----
500' LATERAL OFFSET



- NOTES ON SURVEY**
- NO OBSTRUCTIONS WITHIN 625' WERE FOUND.
 - NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
 - IES 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 ADJACENT INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY AUGUST, 2013 AND INFORMATION PROVIDED BY TRAD HUNTER, LLC.
 - WELLS SHOWN ARE TAKEN FROM RECORDS OF WDEP.

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 2, 20 14
 OPERATORS WELL NO. WVDNR #1410
 API WELL NO. 47-103-02995 H6A
 STATE WEST VIRGINIA COUNTY WETZEL PERMIT WV-1410

P.S. 8.34

HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 384-7035 EMAIL: hupp@front-ernet.net

MINIMUM DISTANCE 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./SHIBEN HEIRS/KERR MCGEE LEASE ACREAGE 5134.5±
 PROPOSED WORK : LEASE NO.
 DRILL : X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCIUS
 ESTIMATED DEPTH 7,500' TO 12,200' MD

OPERATOR TRAD HUNTER, LLC DESIGNATED AGENT KIMBERLY ARNOLD
 ADDRESS 777 POST OAK BLVD., SUITE 910, HOUSTON, TX 77066 ADDRESS P.O. BOX 154, WAVELLY, WV 26184

06/13/2014



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