

9,392'

LATITUDE 40°12'30"

LONGITUDE 80°37'30"

TOP HOLE (NAD 83)
N: 611532.9
E: 1644951.8
LAT: 40°10'23.5"
LONG: -80°39'28.2"
DEC. LAT: 40.173203
DEC. LONG: -80.657835

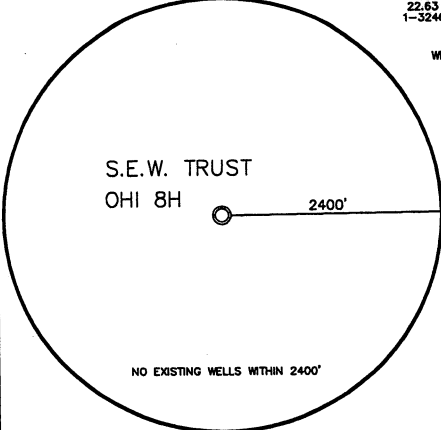
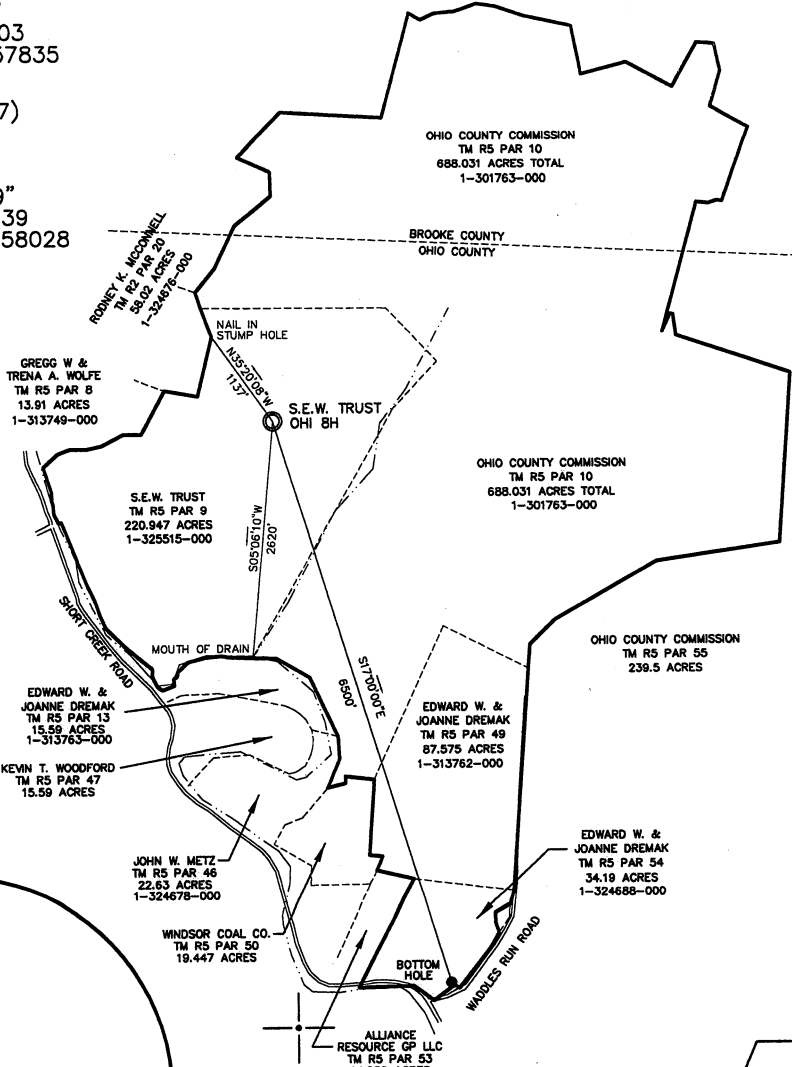
TOP HOLE (NAD 27)
N: 611496.1
E: 1676387.0
LAT: 40°10'23.3"
LONG: -80°39'28.9"
DEC. LAT: 40.173139
DEC. LONG: -80.658028

BOTTOM HOLE (NAD 83)
N: 605317.0
E: 1646852.3
LAT: 40°09'22.3"
LONG: -80°39'02.7"
DEC. LAT: 40.156208
DEC. LONG: -80.650750

BOTTOM HOLE (NAD 27)
N: 605280.1
E: 1678287.4
LAT: 40°09'22.1"
LONG: -80°39'03.4"
DEC. LAT: 40.156136
DEC. LONG: -80.650951

NORTH

12,706'

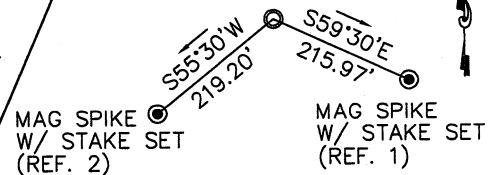


- NOTES:
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WEST VIRGINIA STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27.
 2. WELL LOCATION REFERENCES ARE BASED ON MAGNETIC MERIDIAN.
 3. BOUNDARIES SHOWN HEREON DERIVED FROM DEEDS, TAX MAPS AND FIELD LOCATION AND ARE NOT INTENDED TO INFER A FULL BOUNDARY SURVEY.
 4. SURFACE OWNERSHIP INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF OHIO COUNTY IN APRIL 2011.
 5. WELL COORDINATES ESTABLISHED BY SUBFOOT GPS UNIT.

REFERENCES

(N.T.S.)

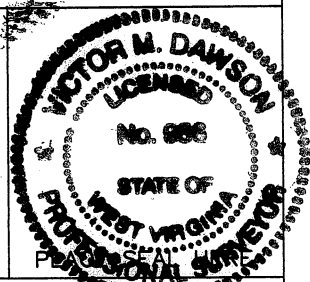
S.E.W. TRUST OHI 8H



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 11-0167-762
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION GPS
 SUBFOOT UNIT _____

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
 (SIGNED) [Signature]
 R.P.E. _____ P.S. 956



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



DATE MAY 23, 2011
 OPERATOR'S WELL NO. S.E.W. TRUST OHI 8H
 API WELL NO. _____

47 - 069 - 00098H
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1136' WATERSHED SHORT CREEK
 DISTRICT RICHLAND COUNTY OHIO

QUADRANGLE TILTONSVILLE
 SURFACE OWNER S.E.W. TRUST ACREAGE 220.947 +/-
 OIL & GAS ROYALTY OWNER S.E.W. TRUST, ET AL LEASE ACREAGE 1030.7 +/-

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH _____ TVD: 5,950' TMD: 12,245'
 WELL OPERATOR CHESAPEAKE APPALACHIA, LLC DESIGNATED AGENT ERIC GILLESPIE
 ADDRESS PO BOX 18496, OKLAHOMA CITY, OK 73154-0496 ADDRESS PO BOX 6070, CHARLESTON, WV 25301

F:\URM\WV\WV-0

COUNTY NAME

PERMIT

69-000984

