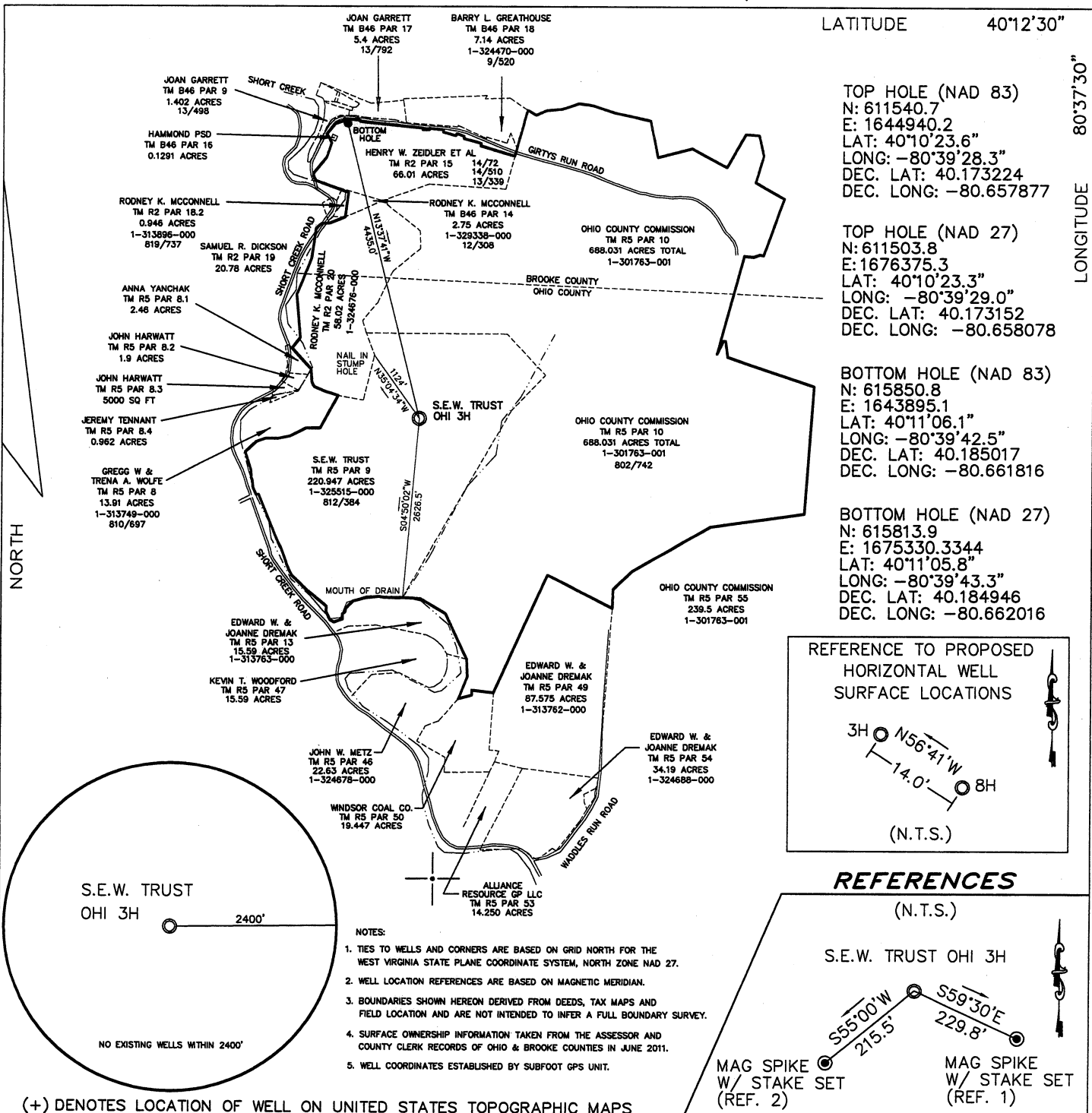


9,404'

LATITUDE 40°12'30"

LONGITUDE 80°37'30"

12,698'

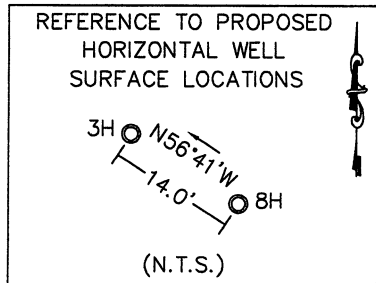


TOP HOLE (NAD 83)
 N: 611540.7
 E: 1644940.2
 LAT: 40°10'23.6"
 LONG: -80°39'28.3"
 DEC. LAT: 40.173224
 DEC. LONG: -80.657877

TOP HOLE (NAD 27)
 N: 611503.8
 E: 1676375.3
 LAT: 40°10'23.3"
 LONG: -80°39'29.0"
 DEC. LAT: 40.173152
 DEC. LONG: -80.658078

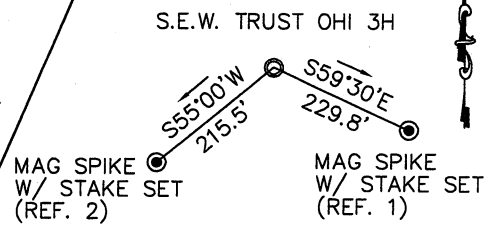
BOTTOM HOLE (NAD 83)
 N: 615850.8
 E: 1643895.1
 LAT: 40°11'06.1"
 LONG: -80°39'42.5"
 DEC. LAT: 40.185017
 DEC. LONG: -80.661816

BOTTOM HOLE (NAD 27)
 N: 615813.9
 E: 1675330.3344
 LAT: 40°11'05.8"
 LONG: -80°39'43.3"
 DEC. LAT: 40.184946
 DEC. LONG: -80.662016



REFERENCES

(N.T.S.)



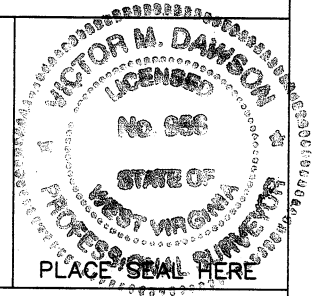
NOTES:

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 & BROOKE COUNTIES IN JUNE 2011.
5. WELL COORDINATES ESTABLISHED BY SUBFOOT GPS UNIT.

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

FILE NO. 11-0167-762
 DRAWING NO. 3H
 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. 9/56



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



DATE JUNE 29, 2011
 OPERATOR'S WELL NO. S.E.W. TRUST OHI 3H
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1137.5' 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 1035.9 +/-

LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE 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: 5,790' TMD: 10,020'
 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

COUNTY NAME PERMIT

69-00097H

