

bottom hole 80°51' 16.70" (80. 854639)

6000'

top hole 80°50' 57.85" (80.849402)

LATITUDE 39°27' 30"

UTM NAD 83  
N: 4363178  
E: 512512

UTM NAD 83  
N: 4364651  
E: 512979

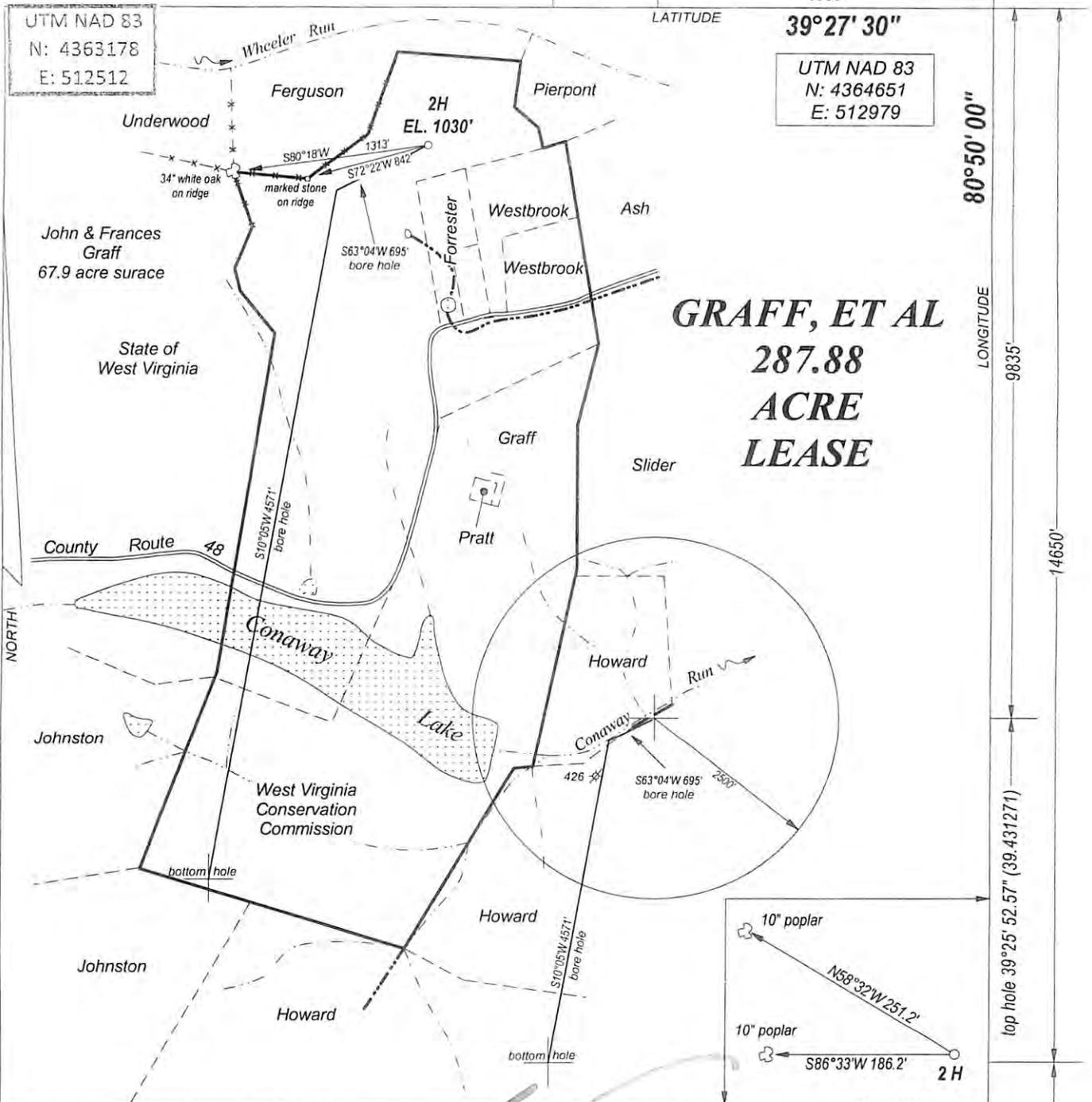
LONGITUDE 80°50' 00"

9835'

14650'

top hole 39°25' 52.57" (39.431271)

bottom hole 39°25' 04.95" (39.418042)



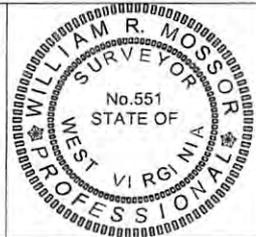
# GRAFF, ET AL 287.88 ACRE LEASE

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 : 200  
 PROVEN SOURCE OF ELEVATION GPS  
 OBSERVATION

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 ENERGY.

(SIGNED)

PROFESSIONAL SURVEYOR: 551



**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENERGY**  
**DIVISION OF OIL AND GAS**

DATE APRIL 9TH, 2012  
 OPERATORS WELL NO. GRAFF 2H

**API 47 - 095 - 02063H6A**  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF GAS) PRODUCTION  STORAGE \_\_\_ DEEP  SHALLOW

LOATION: ELEVATION 1030' WATER SHED CONAWAY RUN  
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE SHIRLEY

SURFACE OWNER JOHN H. GRAFF & FRANCES J. GRAFF ACREAGE 67.9  
 OIL & GAS ROYALTY GRAFF, ET AL LEASE AC. 287.88

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_  
 FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_  
 PERFORATE NEW FORMATION \_\_\_  
 OTHER PHYSICAL CHANGE IN WELL \_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_

TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 7200'

WELL OPERATOR TRANS ENERGY, INC. DESIGNATED AGENT LOREN BAGLEY  
 ADDRESS P. O. BOX 393 ADDRESS P. O. BOX 393  
ST. MARYS, WV 26170 ST. MARYS, WV 26170

FORM WW - 6

COUNTY NAME

PREMIT

12/07/2012