

bottom hole 80°51' 01.45" (80. 850403)

4810'

top hole 80°50' 57.60" (80.849333)

4560'

LATITUDE 39°27' 30"

UTM NAD 83
Utica Test
N: 4364650
E: 512985

UTM NAD 83
Marcellus 1H
top hole
N: 4364650
E: 512985
bottom hole
N: 4363045
E: 512908

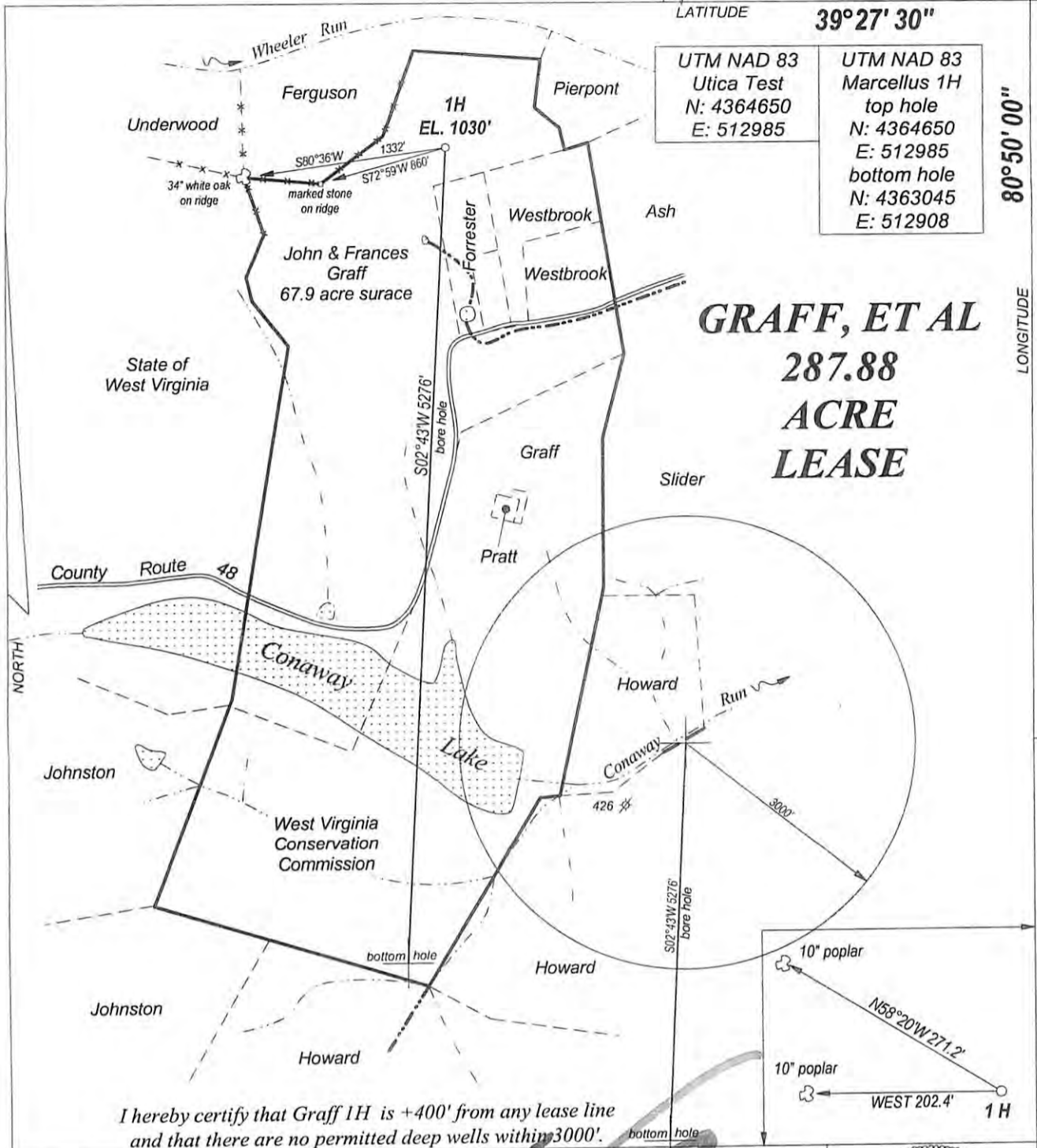
80°50' 00"

LONGITUDE 9840'

15110'

top hole 39°25' 52.54" (39.431261)

bottom hole 39°25' 00.64" (39.416844)

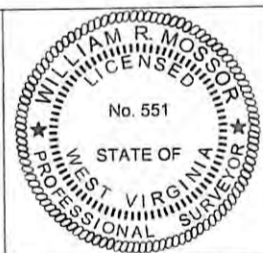


I hereby certify that Graft 1H is +400' from any lease line and that there are no permitted deep wells within 3000'.

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 JULY 23RD, 2012
OPERATORS WELL NO. GRAFF 1H

API 47 - 095 - 2064 H 6A
STATE COUNTY PERMIT

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

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 XX CONVERT ___ DRILL DEEPER ___ REDRILL ___
FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ LOG & SIDEWALL CORE UTICA ___
OTHER PHYSICAL CHANGE IN WELL ___ PLUG BACK TO MARCELLUS ___
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION MARCELLUS SHALE - UTICA TEST ESTIMATED DEPTH 7200' (11000')

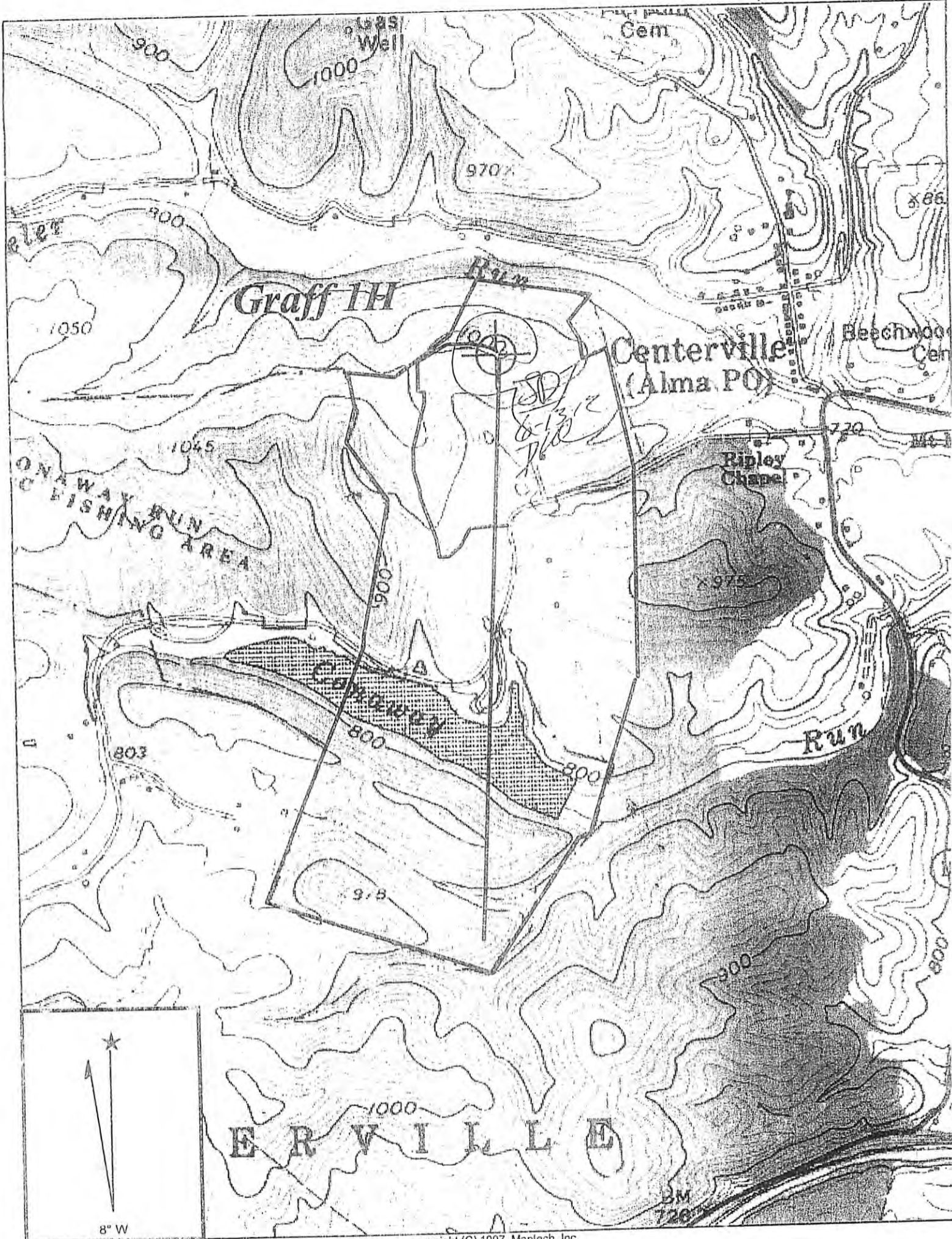
WELL OPERATOR TRANS ENERGY, INC. DESIGNATED AGENT LOREN BAGLEY
ADDRESS P. O. BOX 393 ADDRESS P. O. BOX 393
ST. MARYS, WV 26170 ST. MARYS, WV 26170

FORM WW - 6

COUNTY NAME

PERMIT

12/14/2012



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SHIRLEY QUADRANGLE

SCALE 1" = 1000'

TRANS ENERGY, INC.

WELL: GRAFF 1H
GRAFF, ET AL 287.88 ACRE LEASE

CENTERVILLE DISTRICT TYLER COUNTY WEST VIRGINIA