

CARNEGIE NATURAL GAS CO. LEASE (POCA-CARNEGIE) 38,753.66 ACRES ± WELL NO. WV 512672

LATITUDE 37° 37' 30"

PATRICIA STATEN
54 ACRES±

47-059-0556

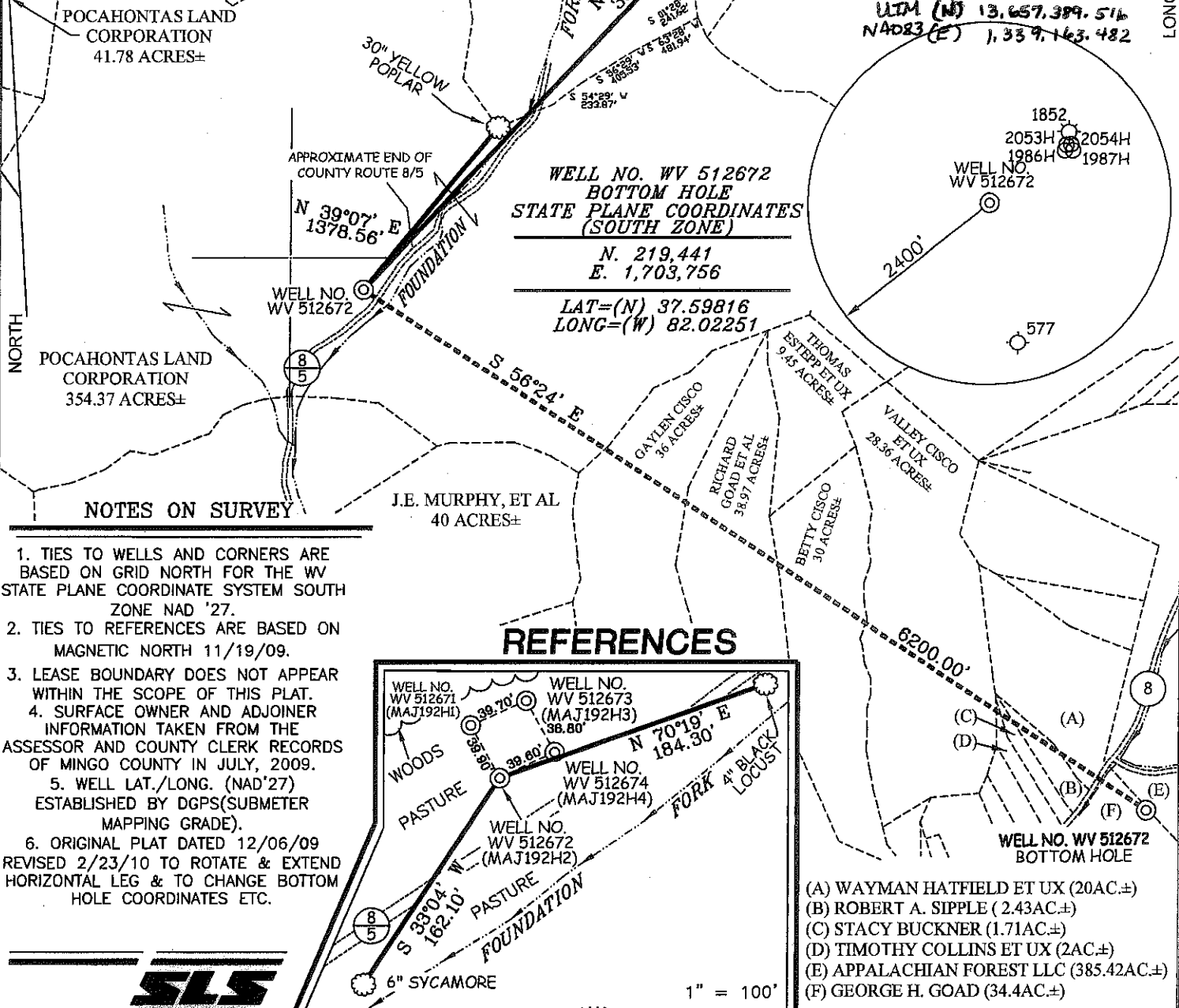
WELL NO. WV 512672
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 222,872
E. 1,698,592

LAT=(N) 37.60743
LONG=(W) 82.04046

UTM (N) 13,657,399.516
NAD83 (E) 1,339,163.482

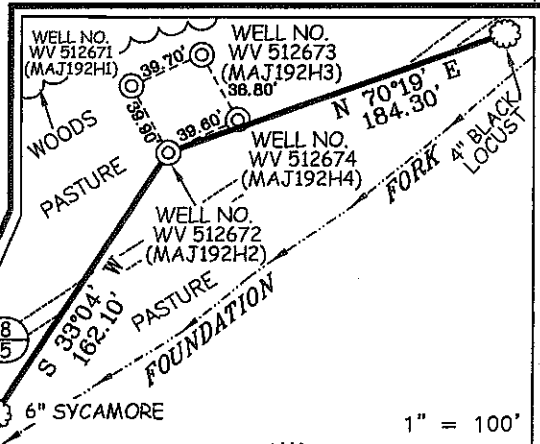
LONGITUDE 82° 00' 00"



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 11/19/09.
3. LEASE BOUNDARY DOES NOT APPEAR WITHIN THE SCOPE OF THIS PLAT.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JULY, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. ORIGINAL PLAT DATED 12/06/09 REVISED 2/23/10 TO ROTATE & EXTEND HORIZONTAL LEG & TO CHANGE BOTTOM HOLE COORDINATES ETC.

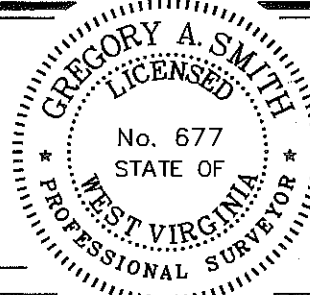
REFERENCES



- (A) WAYMAN HATFIELD ET UX (20AC.±)
- (B) ROBERT A. SIPPLE (2.43AC.±)
- (C) STACY BUCKNER (1.71AC.±)
- (D) TIMOTHY COLLINS ET UX (2AC.±)
- (E) APPALACHIAN FOREST LLC (385.42AC.±)
- (F) GEORGE H. GOAD (34.4AC.±)



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 DIVISION OF ENVIRONMENTAL PROTECTION.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE FEBRUARY 23, 20 10
OPERATORS WELL NO. WV 512672
API WELL NO. 47-059-02148H PERMIT

P.S. 677 *Gregory A. Smith*
MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 4672P512672R (289-39)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1000'

STAT. CANCELLED
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 1,285' WATERSHED FOUNDATION FORK OF BEECH CREEK
DISTRICT MAGNOLIA COUNTY MINGO QUADRANGLE MAJESTIC 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 354.37±
ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 38,753.66
PROPOSED WORK: LEASE NO. 717459
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION LOWER HURON
ESTIMATED DEPTH 4,850' (TOTAL VERTICAL DEPTH)

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302 **08/10/2012**

COUNTY NAME PERMIT