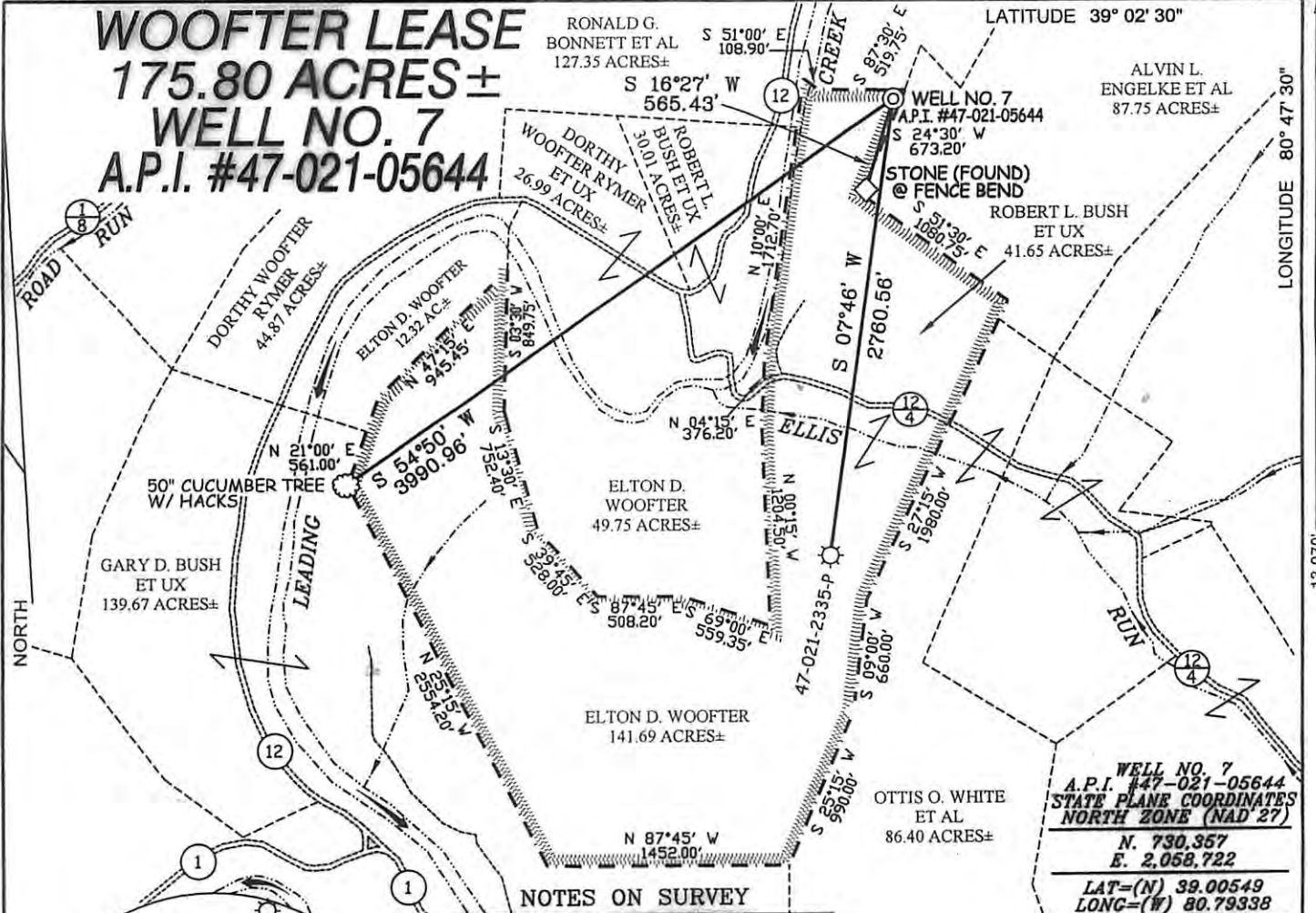


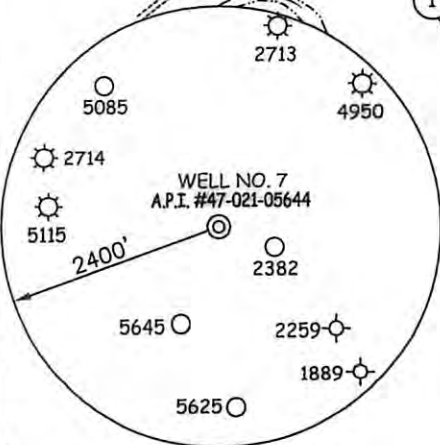
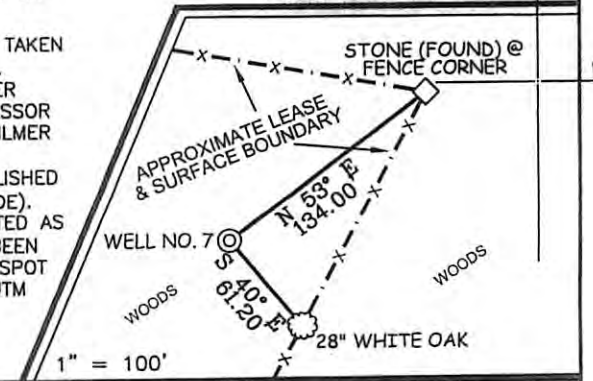
WOOFTER LEASE 175.80 ACRES ± WELL NO. 7 A.P.I. #47-021-05644



NOTES ON SURVEY

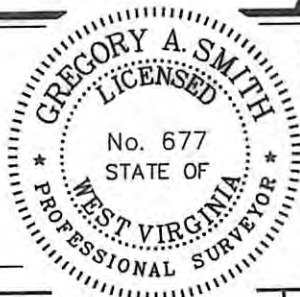
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 08/12/08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 55 PAGE 69.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF GILMER COUNTY IN JULY, 2010.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. THIS PLAT WAS PREVIOUSLY PERMITTED AS A.P.I. #47-021-05644 AND HAS BEEN REVISED TO UPDATE OWNERSHIP & SPOT CIRCLE INFORMATION & TO ADD UTM COORDINATES, ETC.

REFERENCES



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.

P.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE AUGUST 26, 20 08
 UPDATED SEPTEMBER 15, 20 10
 OPERATORS WELL NO. WOOFTER #7
 API WELL NO. 47-021-05721 (CANCELLED)
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 6914P7R (257-26)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1000'

STATE OF WEST VIRGINIA
 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 876' WATERSHED LEADING CREEK
 DISTRICT TROY COUNTY GILMER QUADRANGLE AUBURN 7.5'
 SURFACE OWNER ROBERT L. BUSH ET UX ACREAGE 41.65±
 ROYALTY OWNER ELTON D. WOOFTER, ET AL LEASE ACREAGE 175.80±
 PROPOSED WORK: 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 ELK
 ESTIMATED DEPTH 5,800'

WELL OPERATOR PDC MOUNTAINEER, LLC. DESIGNATED AGENT GARY W. FRIDLEY
 ADDRESS 120 GENESIS BOULEVARD ADDRESS 120 GENESIS BOULEVARD
BRIDGEPORT, WV, 26330 BRIDGEPORT, WV 26330