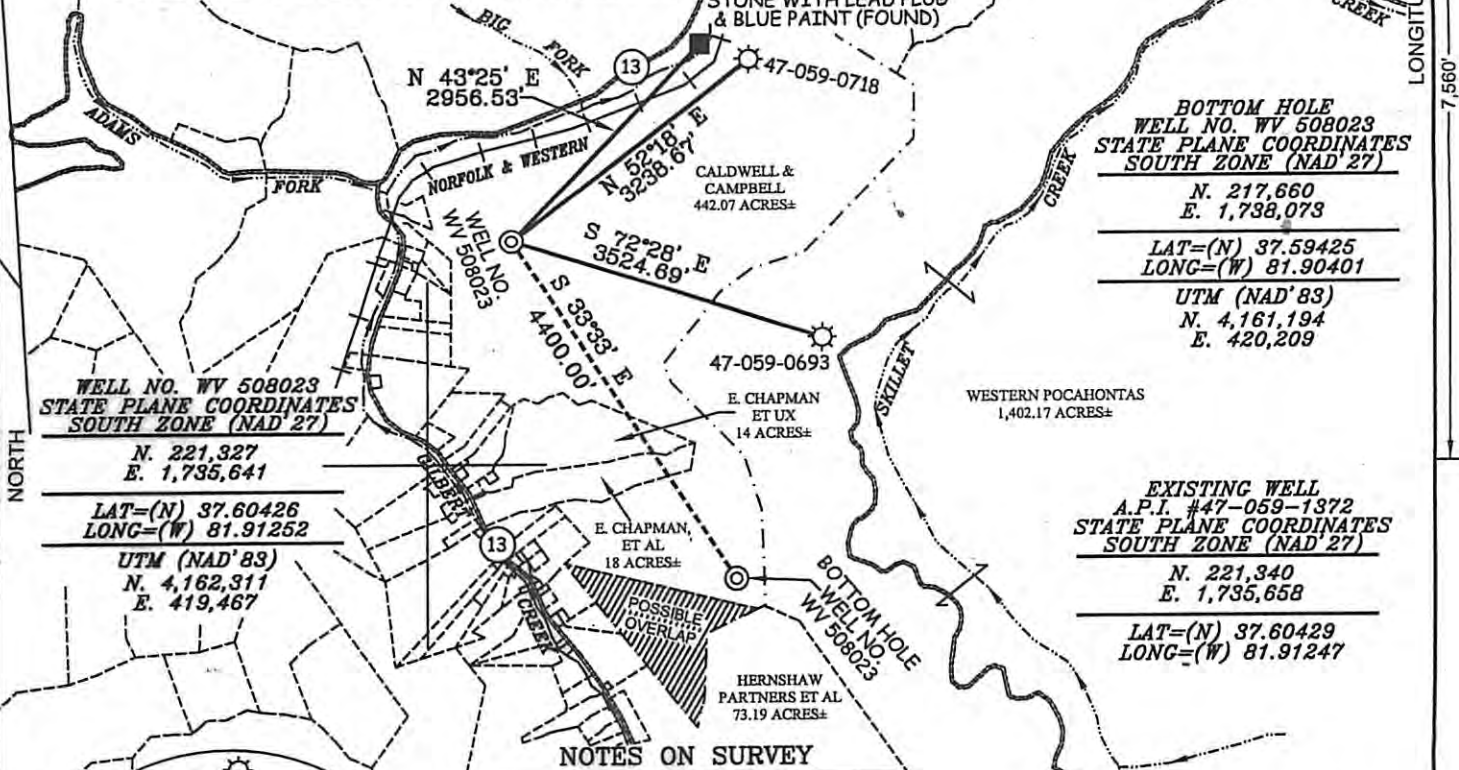


CALDWELL & CAMPBELL LEASE

514.71 ACRES ±

WELL NO. WV 508023



BOTTOM HOLE
WELL NO. WV 508023
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)

N. 217,660
 E. 1,738,073

LAT=(N) 37.59425
 LONG=(W) 81.90401

UTM (NAD'83)
 N. 4,161,194
 E. 420,209

WELL NO. WV 508023
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)

N. 221,327
 E. 1,735,641

LAT=(N) 37.60426
 LONG=(W) 81.91252

UTM (NAD'83)
 N. 4,162,311
 E. 419,467

EXISTING WELL
A.P.I. #47-059-1372
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)

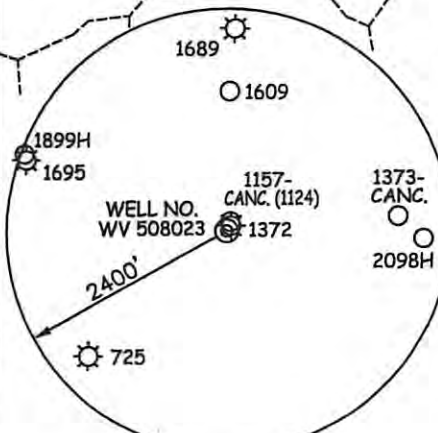
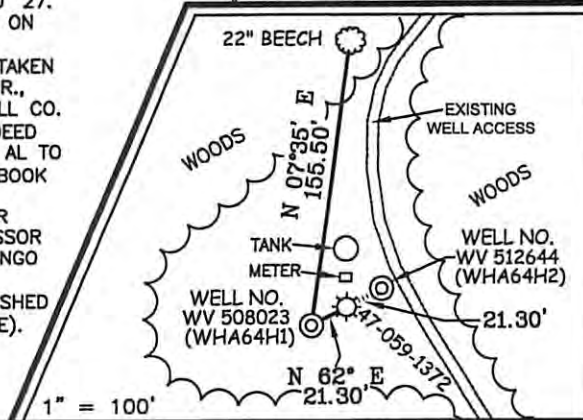
N. 221,340
 E. 1,735,658

LAT=(N) 37.60429
 LONG=(W) 81.91247

NOTES ON SURVEY

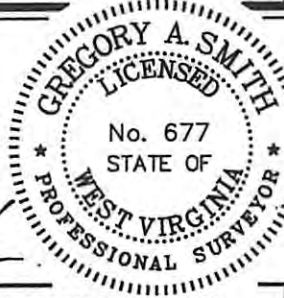
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 03/11/10.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED FROM L.E. WOODS, JR., SPECIAL COMM., TO CALDWELL-CAMPBELL CO. et al (MAY 12, 1949) AND FROM A DEED BETWEEN GILBERT CREEK LAND CO. ET AL TO F.D. CALDWELL (JUNE 2, 1922) DEED BOOK 45 PAGE 383.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JULY, 2010.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

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 OCTOBER 12, 20 10
 OPERATORS WELL NO. WV 508023
 API WELL NO. 47-059-02193H
 STATE CANON PERMIT CANCELLED

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 4303P508023R (299-02)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2,000'

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 1,459' WATERSHED GILBERT CREEK
 DISTRICT STAFFORD COUNTY MINGO QUADRANGLE WHARNCLIFFE 7.5'

SURFACE OWNER CALDWELL & CAMPBELL ACREAGE 442.07±
 ROYALTY OWNER CALDWELL & CAMPBELL LEASE ACREAGE 514.71±
 PROPOSED WORK: LEASE NO. 080600
 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 5,210' (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