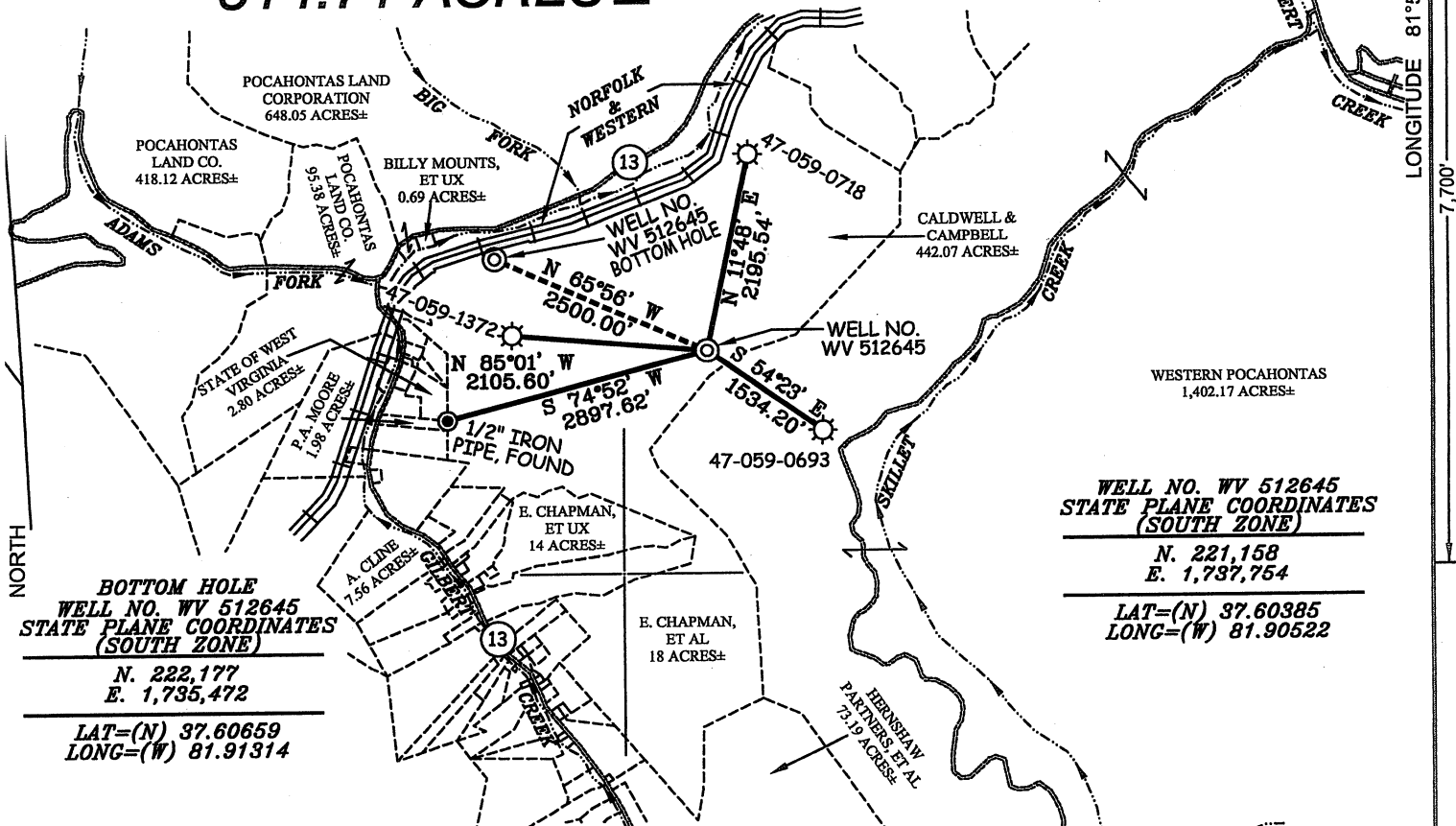


# CALDWELL & CAMPBELL LEASE 514.71 ACRES±

# WELL NO. WV 512645



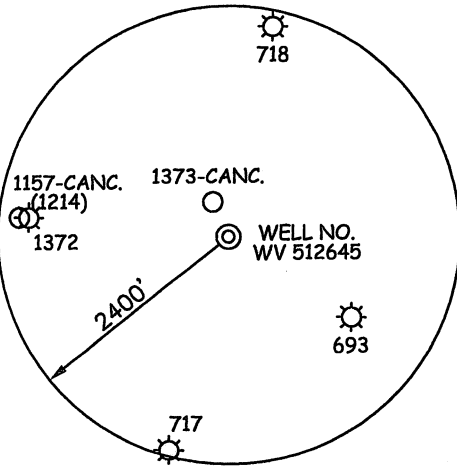
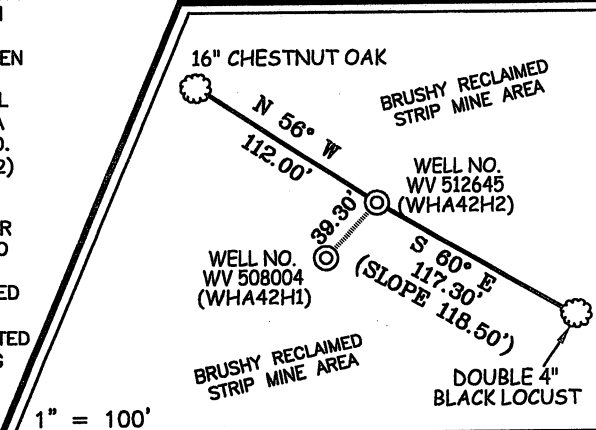
**BOTTOM HOLE**  
**WELL NO. WV 512645**  
**STATE PLANE COORDINATES**  
**(SOUTH ZONE)**  
 N. 222,177  
 E. 1,735,472  
 LAT=(N) 37.60659  
 LONG=(W) 81.91314

**WELL NO. WV 512645**  
**STATE PLANE COORDINATES**  
**(SOUTH ZONE)**  
 N. 221,158  
 E. 1,737,754  
 LAT=(N) 37.60385  
 LONG=(W) 81.90522

### NOTES ON SURVEY

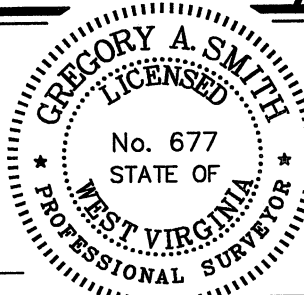
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 07/09/09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED FROM L.E. WOODS, JR., SPECIAL COMM., TO CALDWELL-CAMPBELL CO. et al (MAY 12, 1949) AND FROM A DEED BETWEEN GILBERT CREEK LAND CO. et al TO F.D. CALDWELL (JUNE 02, 1922) DEED BOOK 45 PAGE 383.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JUNE, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. ORIGINAL PLAT DATED 06/22/09 UPDATED 11/09/09 TO CHANGE HORIZONTAL LEG DIRECTION, SHORTEN LEG & REVISE BOTTOM HOLE 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 NOVEMBER 09, 20 09

OPERATORS WELL NO. WV 512645

API WELL NO. 47-059-02098H  
 COUNTY STAFFORD PERMIT Revised

## CANCELLED

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS



MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 4303P512645R (283-23)  
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2,000'

WELL TYPE: OIL  GAS  INJECTION  LIQUID WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1,617' 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 / SILTSTONE  
 ESTIMATED DEPTH 5,090' (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 02/03/2012

COUNTY NAME PERMIT