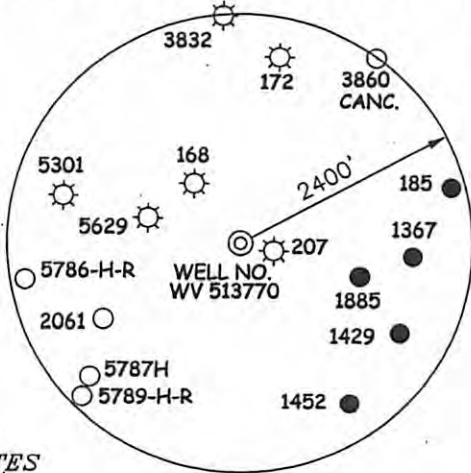
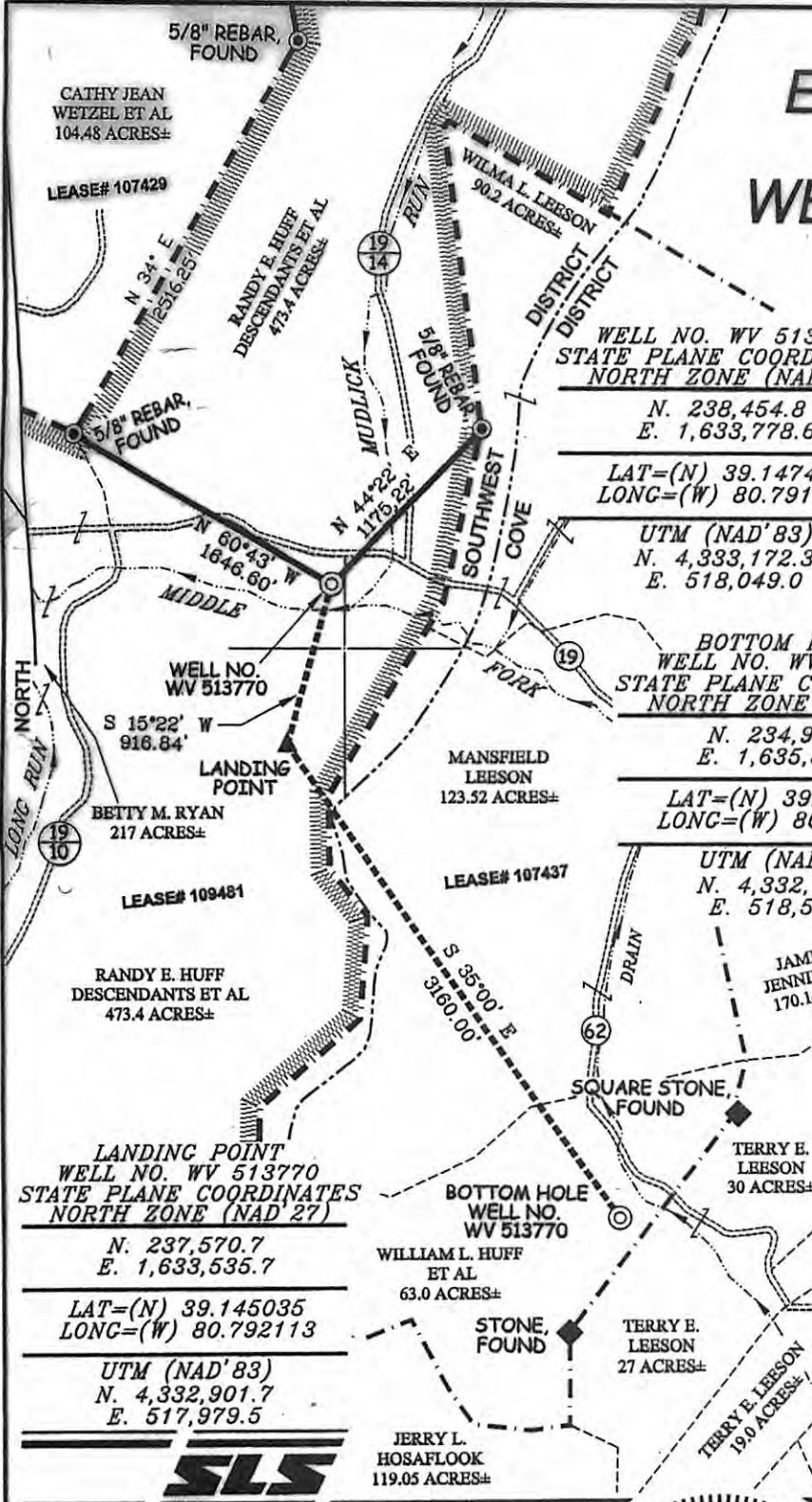


# EQT PRODUCTION COMPANY WELL NO. WV 513770



WELL NO. WV 513770  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)  
N. 238,454.8  
E. 1,633,778.6  
LAT=(N) 39.147472  
LONG=(W) 80.791302  
UTM (NAD'83)  
N. 4,333,172.3  
E. 518,049.0

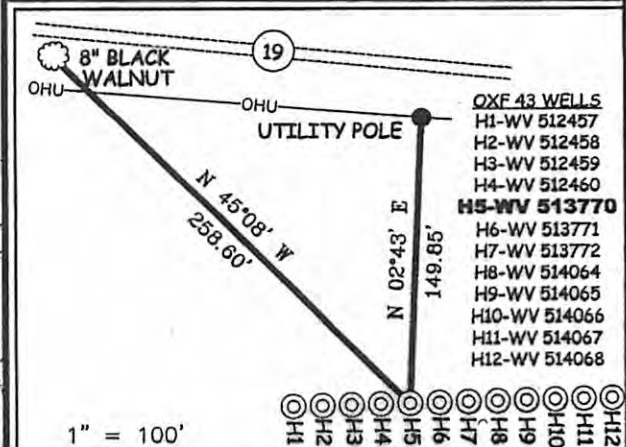
BOTTOM HOLE  
WELL NO. WV 513770  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)  
N. 234,982.2  
E. 1,635,348.2  
LAT=(N) 39.138000  
LONG=(W) 80.785593  
UTM (NAD'83)  
N. 4,332,122.4  
E. 518,544.8

LANDING POINT  
WELL NO. WV 513770  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)  
N. 237,570.7  
E. 1,633,535.7  
LAT=(N) 39.145035  
LONG=(W) 80.792113  
UTM (NAD'83)  
N. 4,332,901.7  
E. 517,979.5

### NOTES ON SURVEY

1. TIES TO WELLS, CORNERS, & REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 92 PAGE 37, DEED BOOK 52 PAGE 278 & DEED BOOK 247 PAGE 306.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2010.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE).

### REFERENCES



- OXF 43 WELLS  
H1-WV 512457  
H2-WV 512458  
H3-WV 512459  
H4-WV 512460  
**H5-WV 513770**  
H6-WV 513771  
H7-WV 513772  
H8-WV 514064  
H9-WV 514065  
H10-WV 514066  
H11-WV 514067  
H12-WV 514068



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 11  
OPERATORS WELL NO. WV 513770  
API WELL NO. 47-17-6068H  
STATE CANCELLED COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 6113P513770F (350-06)  
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1,000'

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 858' (GROUND) 862' (PROPOSED) WATERSHED MIDDLE FORK  
DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'  
SURFACE OWNER RANDY E. HUFF DESCENDANTS ET AL ACREAGE 473.4±  
ROYALTY OWNER ADELE V. McDOUGAL ET AL (2,000 AC.±) / S.F. MCDONNELL HEIRS ET AL (280 AC.±)  
PROPOSED WORK: LEASE NO. 109481 / 107437  
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 MARCELLUS  
ESTIMATED 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

05/02/2014