

ROYALTY OWNERS		
B.M. PIERCE ET UX	84.80 AC±	LEASE NO. 118210
CRAIG H. WILLIAMS	249.83 AC±	LEASE NO. 987447
J.P. SMITH ET UX	130 AC±	LEASE NO. 107867
DONALD SHEETS ET AL	82.10 AC±	LEASE NO. 988339

**NOTES ON SURVEY**

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
2. AS DRILLED INFORMATION PROVIDED BY EQT.
3. NONPRODUCTIVE SUBSURFACE RIGHT OF WAY

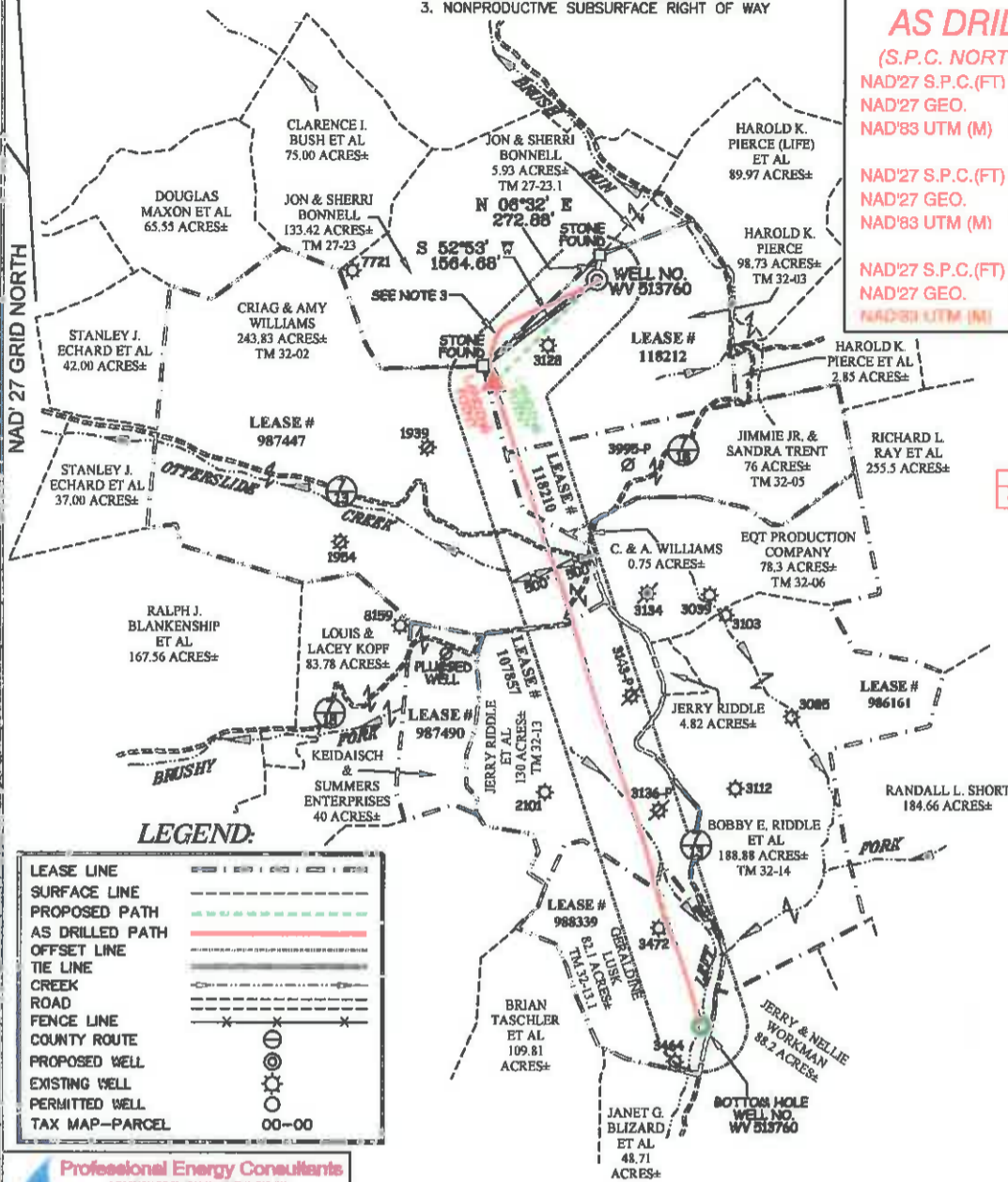
**EQT PRODUCTION COMPANY**  
**J.E. PIERCE ET AL LEASE**  
**108 (98.73±) ACRES±**  
**WELL NO. WV 513760**  
**(OXF163 H5)**

**AS DRILLED COORDINATES**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT)	N. 234,456.0	E. 1,619,086.0
NAD'27 GEO.	LAT-(N) 39.135903	LONG-(W) 80.842890
NAD'83 UTM (M)	N. 4,331,879.3	E. 513,593.3
<b>LANDING POINT</b>		
NAD'27 S.P.C.(FT)	N. 233,333.9	E. 1,617,952.5
NAD'27 GEO.	LAT-(N) 39.132776	LONG-(W) 80.846826
NAD'83 UTM (M)	N. 4,331,531.7	E. 513,253.7
<b>BOTTOM HOLE</b>		
NAD'27 S.P.C.(FT)	N. 226,278.0	E. 1,620,240.6
NAD'27 GEO.	LAT-(N) 39.113499	LONG-(W) 80.838390
NAD'83 UTM (M)	N. 4,329,393.8	E. 513,986.7

SUBSURFACE AGREEMENT  
 JOHN M. & SHERRI L. BONNELL 133.42 AC± TM 27-23



**LEGEND:**

LEASE LINE	---
SURFACE LINE	---
PROPOSED PATH	---
AS DRILLED PATH	---
OFFSET LINE	---
TIE LINE	---
CREEK	---
ROAD	---
FENCE LINE	---
COUNTY ROUTE	---
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
TAX MAP-PARCEL	00-00



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. 2288 *Earl N. Thompson*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE JUNE 3, 20 14  
 REVISED 08/22/14, 10/27/14, 10/31/14, 02/04/15, 05/19/15, 12/03/15, 05/16/16 & 06/03/16  
 OPERATORS WELL NO. WV 513760  
 API WELL NO. 47 - 085 - 10136H  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7698AD513760R2  
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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:  
 PAD ELEVATION 1,158.4' WATERSHED BRUSH RUN OF MIDDLE FORK  
 DISTRICT UNION COUNTY RITCHIE QUADRANGLE OXFORD 7.5'

SURFACE OWNER HAROLD K. PIERCE ACREAGE 98.73±  
 ROYALTY OWNER J.E. PIERCE ET AL ACREAGE 108± (98.73±)  
 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 MARCELLUS  
 ESTIMATED DEPTH 6495'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY  
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

LONGITUDE 80°50'50" PERMIT