

ROYALTY OWNERS		
B.M. PIERCE ET UX	84.50 AC.±	LEASE NO. 118210
J.P. SMITH ET UX	130 AC.±	LEASE NO. 107857
SHIRLEY & RUTH RIDDLE HEIRS AND/OR ASSIGNS	272 AC.±	LEASE NO. 988161

NOTES ON SURVEY

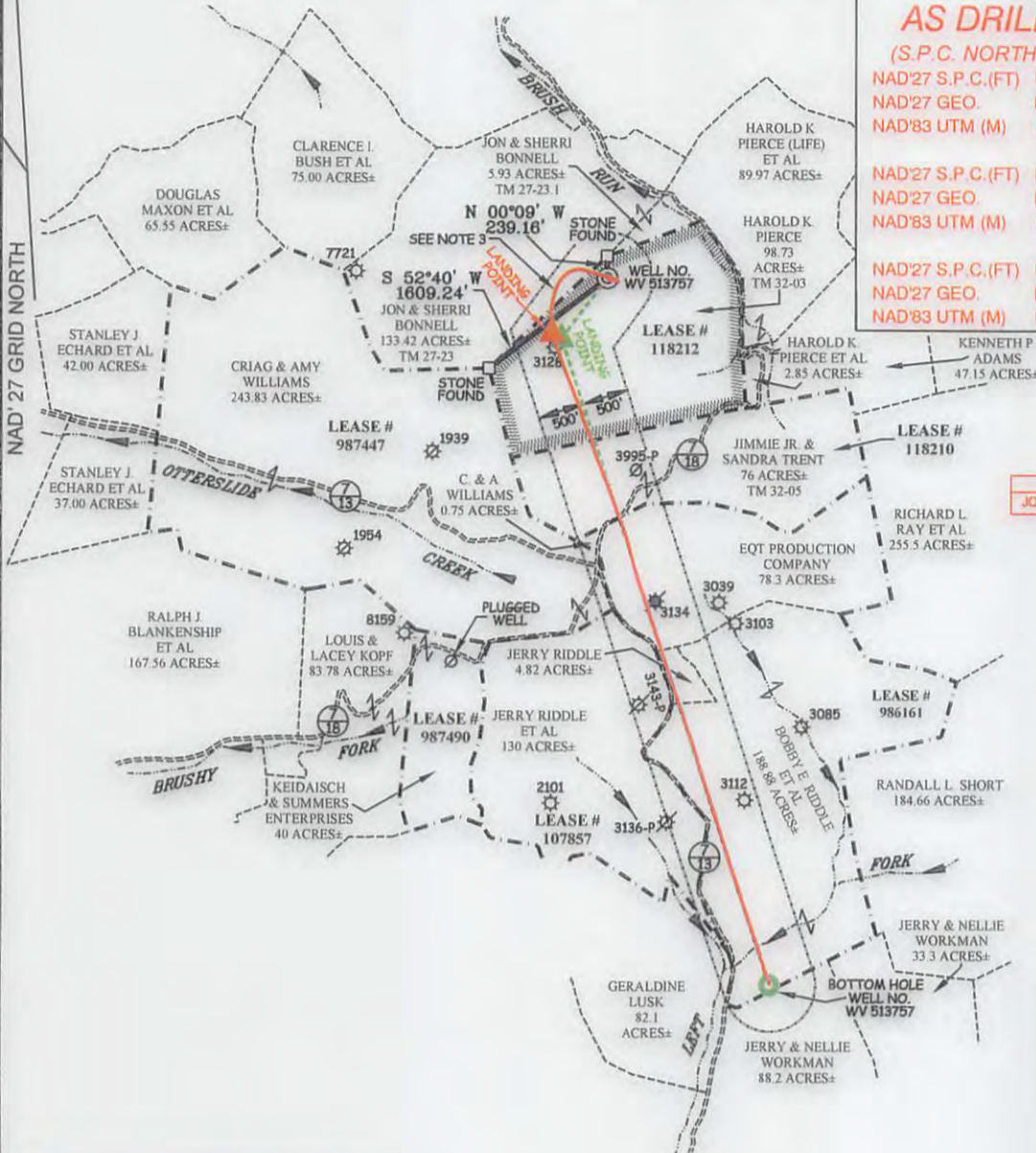
1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
2. AS DRILLED INFORMATION PROVIDED BY EQT.
3. NONPRODUCTIVE SUBSURFACE RIGHT OF WAY

**EQT PRODUCTION COMPANY**  
**J.E. PIERCE ET AL LEASE**  
**108 (98.73±) ACRES±**  
**WELL NO. WV 513757**  
**(OXF163 H2)**

**AS DRILLED COORDINATES**  
 (S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

LANDING POINT		
NAD'27 S.P.C.(FT)	N. 234,487.9	E. 1,619,117.6
NAD'27 GEO.	LAT-(N) 39.135992	LONG-(W) 80.842780
NAD'83 UTM (M)	N. 4,331,889.2	E. 513,602.8
BOTTOM HOLE		
NAD'27 S.P.C.(FT)	N. 233,897.8	E. 1,618,525.6
NAD'27 GEO.	LAT-(N) 39.134347	LONG-(W) 80.844835
NAD'83 UTM (M)	N. 4,331,706.4	E. 513,425.5
BOTTOM HOLE		
NAD'27 S.P.C.(FT)	N. 226,888.4	E. 1,620,901.8
NAD'27 GEO.	LAT-(N) 39.115201	LONG-(W) 80.836092
NAD'83 UTM (M)	N. 4,329,583.1	E. 514,185.0

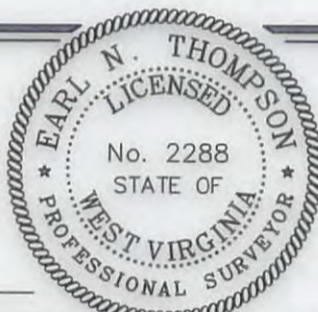
SUBSURFACE AGREEMENT  
 JOHN M. & SHERRI L. BONNELL 133.42 AC.± TM 27-23



LEGEND:

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

**Professional Energy Consultants**  
 A DIVISION OF SOUTH LAND SURVEYING, INC.  
  
 SURVEYORS  
 ENGINEERS  
 ENVIRONMENTAL  
 PROJECT MGMT.  
 (304) 482-9534 WWW.SLSURVEYS.COM



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 MAY 27, 20 14  
 REVISED 08/22/14, 10/27/14, 12/03/15, 05/16/16 & 06/08/16  
 OPERATORS WELL NO. WV 513757  
 API WELL NO. 47 - 085 - 10133H <sup>MDD</sup>  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7698AD513757R2  
 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 X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

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 X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X 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'

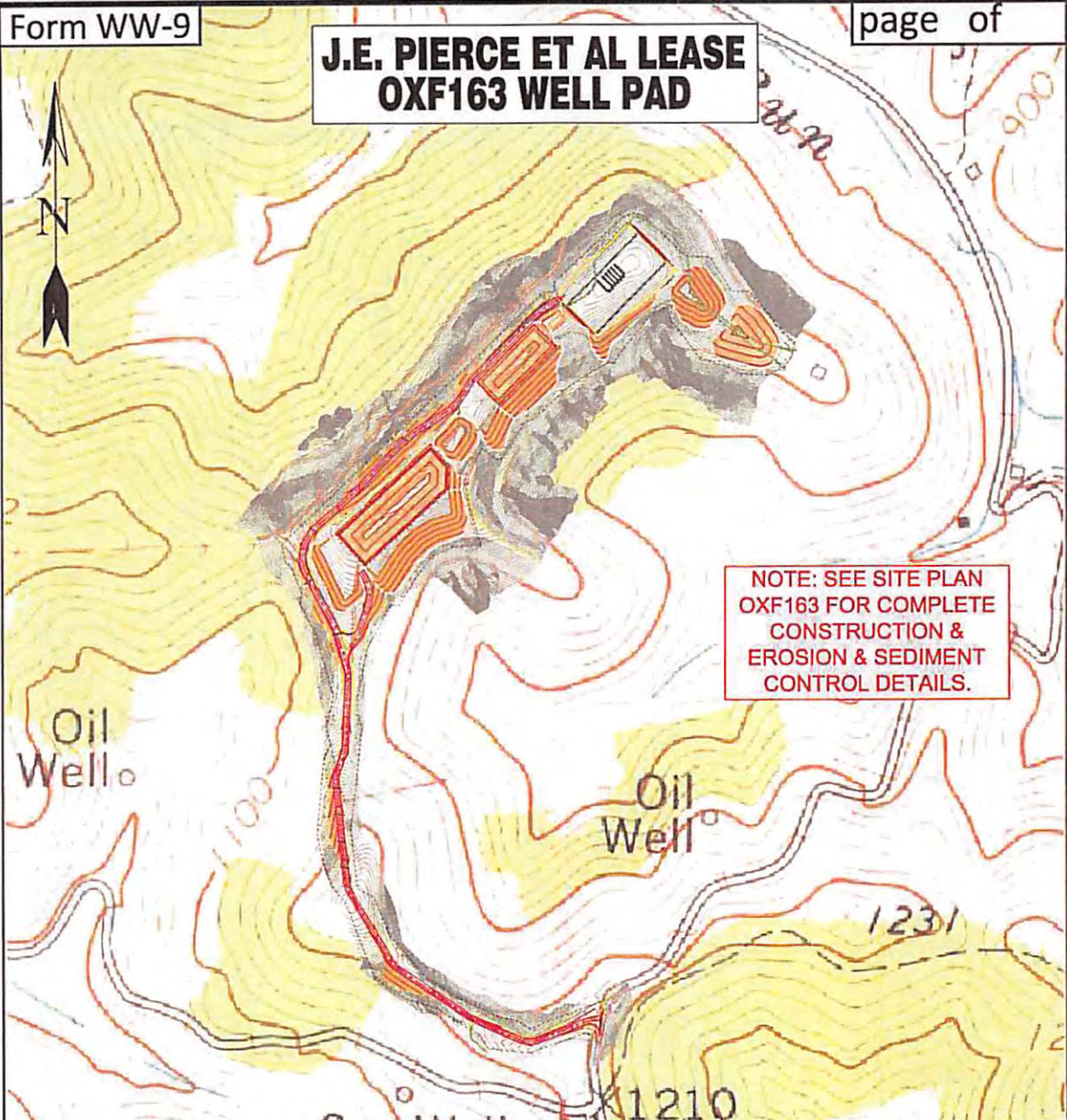
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY  
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

08/12/2016

COUNTY NAME PERMIT

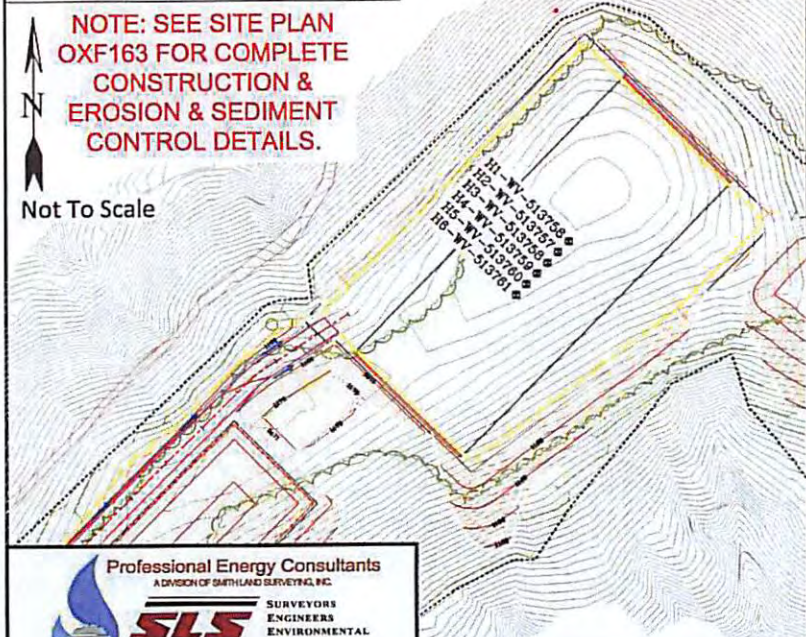


# J.E. PIERCE ET AL LEASE OXF163 WELL PAD



NOTE: SEE SITE PLAN  
OXF163 FOR COMPLETE  
CONSTRUCTION &  
EROSION & SEDIMENT  
CONTROL DETAILS.

Detail Sketch for Proposed OXF163 Wells



NOTE: SEE SITE PLAN  
OXF163 FOR COMPLETE  
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Not To Scale

- H1-WY-519708
- H2-WY-519709
- H3-WY-519710
- H4-WY-519711
- H5-WY-519712
- H6-WY-519713

OXFORD QUAD  
AUBURN QUAD

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SCALE: 1"=500'



DRAWN BY K.G.M.	FILE NO. 7698	DATE 05-23-14	CADD FILE: 7698REC163.dwg
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TOPO SECTION OF OXFORD 7.5' AND  
AUBURN 7.5' USGS TOPO QUADRANGLE

4708510133  
New

08/12/2016