

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

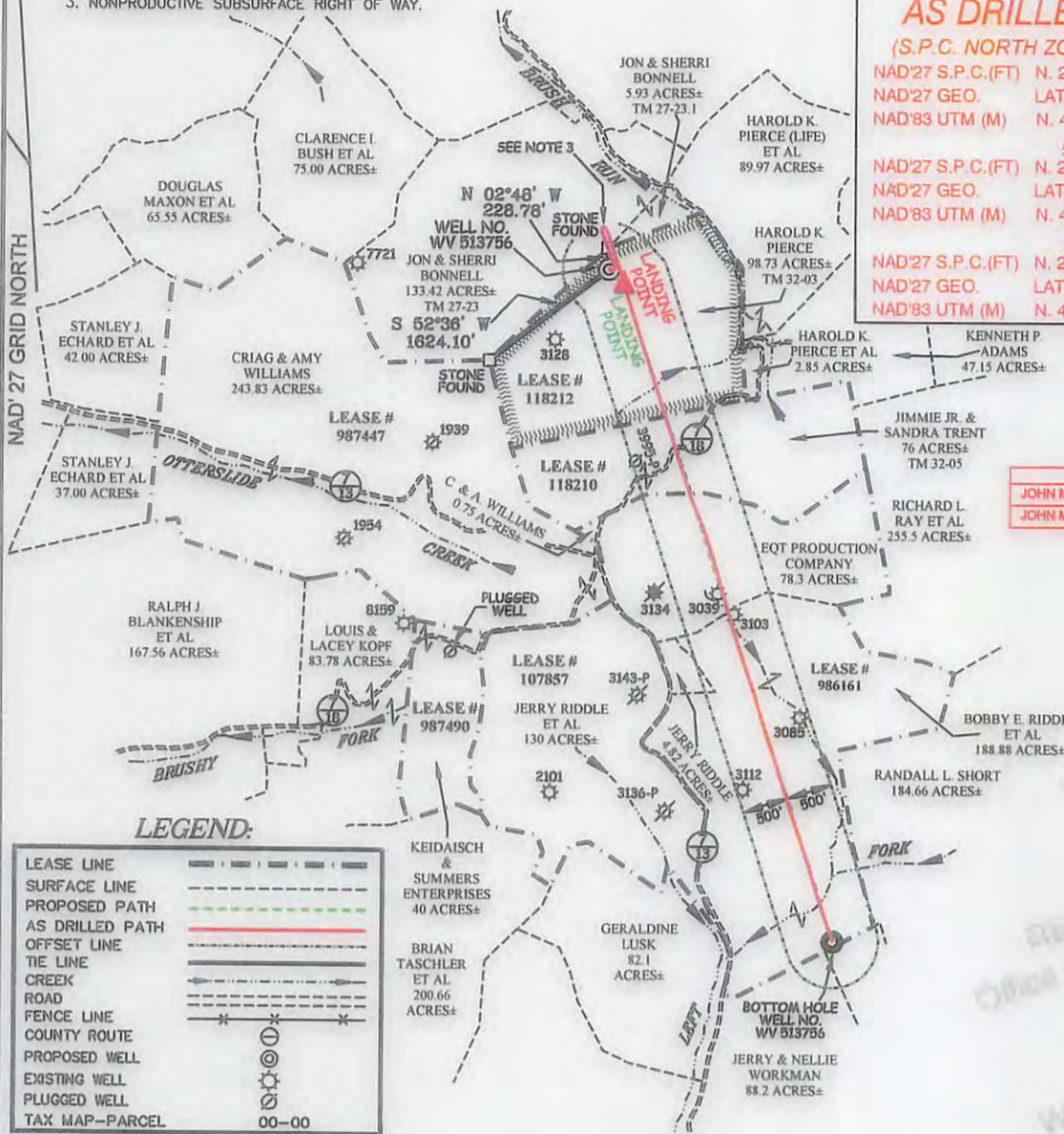
**NOTES ON SURVEY**

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 513756  
(OXF163 H1)  
AS DRILLED COORDINATES**

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

NAD'27 S.P.C.(FT)	N. 234,498.6	E. 1,619,128.2
NAD'27 GEO.	LAT-(N) 39.136021	LONG-(W) 80.842743
NAD'83 UTM (M)	N. 4,331,892.5	E. 513,606.0
<b>LANDING POINT</b>		
NAD'27 S.P.C.(FT)	N. 234,348.0	E. 1,619,291.9
NAD'27 GEO.	LAT-(N) 39.135615	LONG-(W) 80.842158
NAD'83 UTM (M)	N. 4,331,847.4	E. 513,656.6
<b>BOTTOM HOLE</b>		
NAD'27 S.P.C.(FT)	N. 227,252.2	E. 1,621,608.6
NAD'27 GEO.	LAT-(N) 39.116229	LONG-(W) 80.833621
NAD'83 UTM (M)	N. 4,329,697.5	E. 514,398.4



**SUBSURFACE AGREEMENT**

JOHN M. & SHERRI L. BONNELL	133.42 AC.±	TM 27-23
JOHN M. & SHERRI L. BONNELL	5.93 AC.±	TM 27-23.1

**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 SMITH LAND SURVEYING, INC.

**SLS**  
SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.

(904) 462-5634 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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE MAY 27, 20 14

REVISED 07/30/14, 10/27/14, 12/03/15, 05/16/16 & 06/06/16

OPERATORS WELL NO. WV 513756  
API WELL NO. 47-085-10132H  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7698AD513756R2  
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 1,168.4' 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

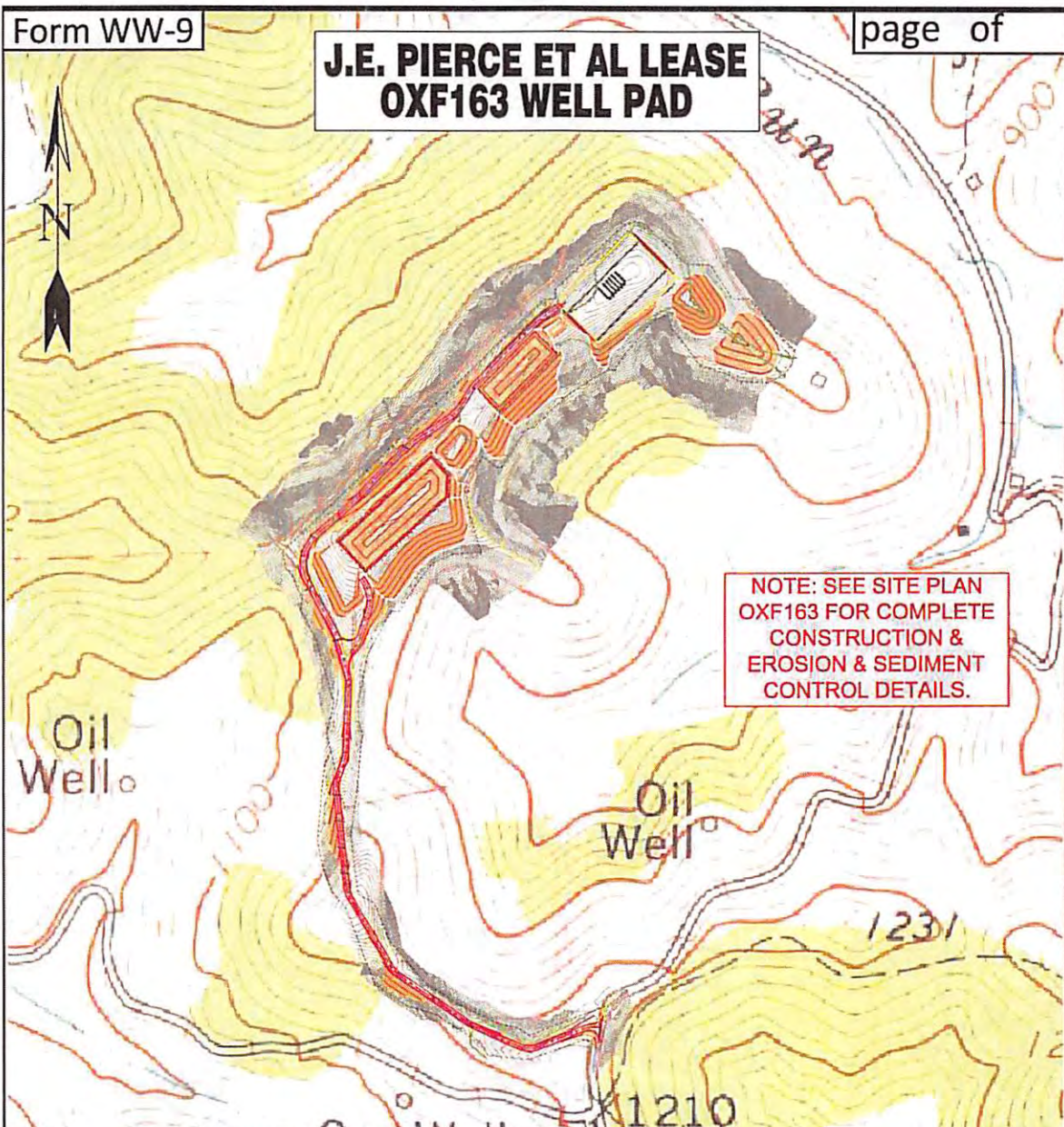
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCELLUS  
ESTIMATED DEPTH 6495'

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

08/12/2016

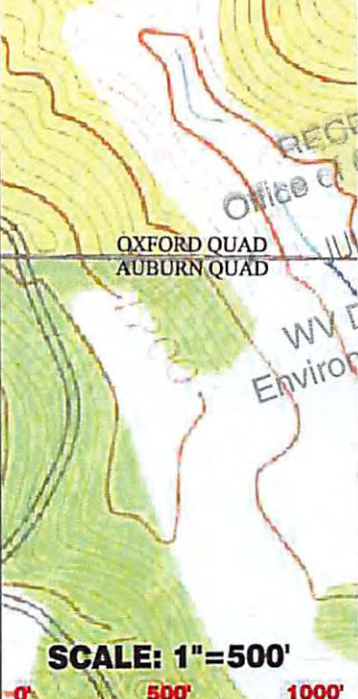
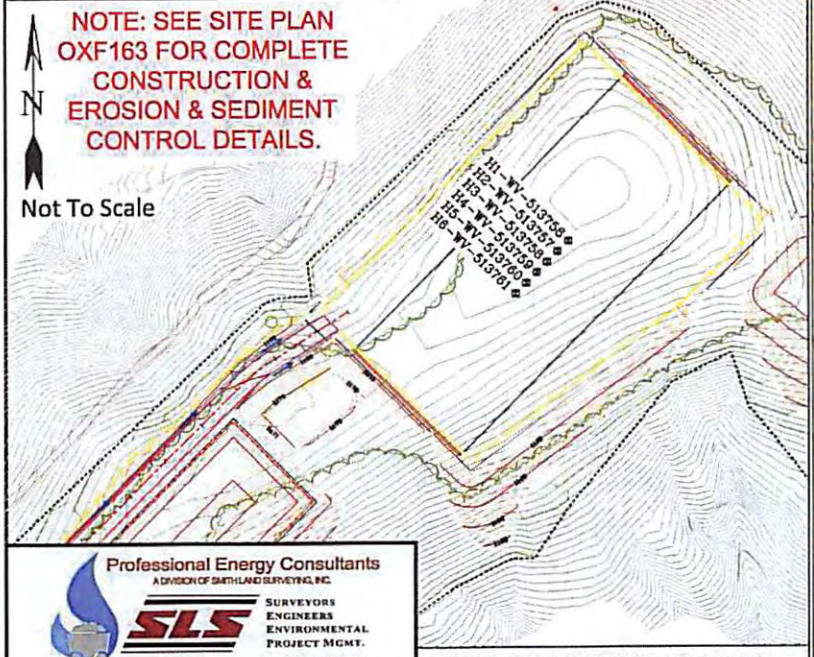
COUNTY PERMIT

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



4708510132

Detail Sketch for Proposed OXF163 Wells



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Office of Oil and Gas  
12 2016  
WV Department of  
Environmental Protection

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TOPO SECTION OF OXFORD 7.5' AND AUBURN 7.5' USGS TOPO QUADRANGLE

SCALE: 1"=500'



DRAWN BY K.G.M.	FILE NO. 7698	DATE 05-23-14	CADD FILE: 7698REC163.dwg
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08/12/2016