

ROYALTY OWNERS		
B.M. PIERCE ET UX	84.50 AC±	LEASE NO. 118210
SHIRLEY & RUTH RIDDLE HEIRS AND/OR ASSIGNS	272 AC±	LEASE NO. 988181

LATITUDE 39°10'00"

**EQT PRODUCTION COMPANY  
J.E. PIERCE ET AL LEASE  
108(98.73±) ACRES±  
WELL NO. WV 513756**

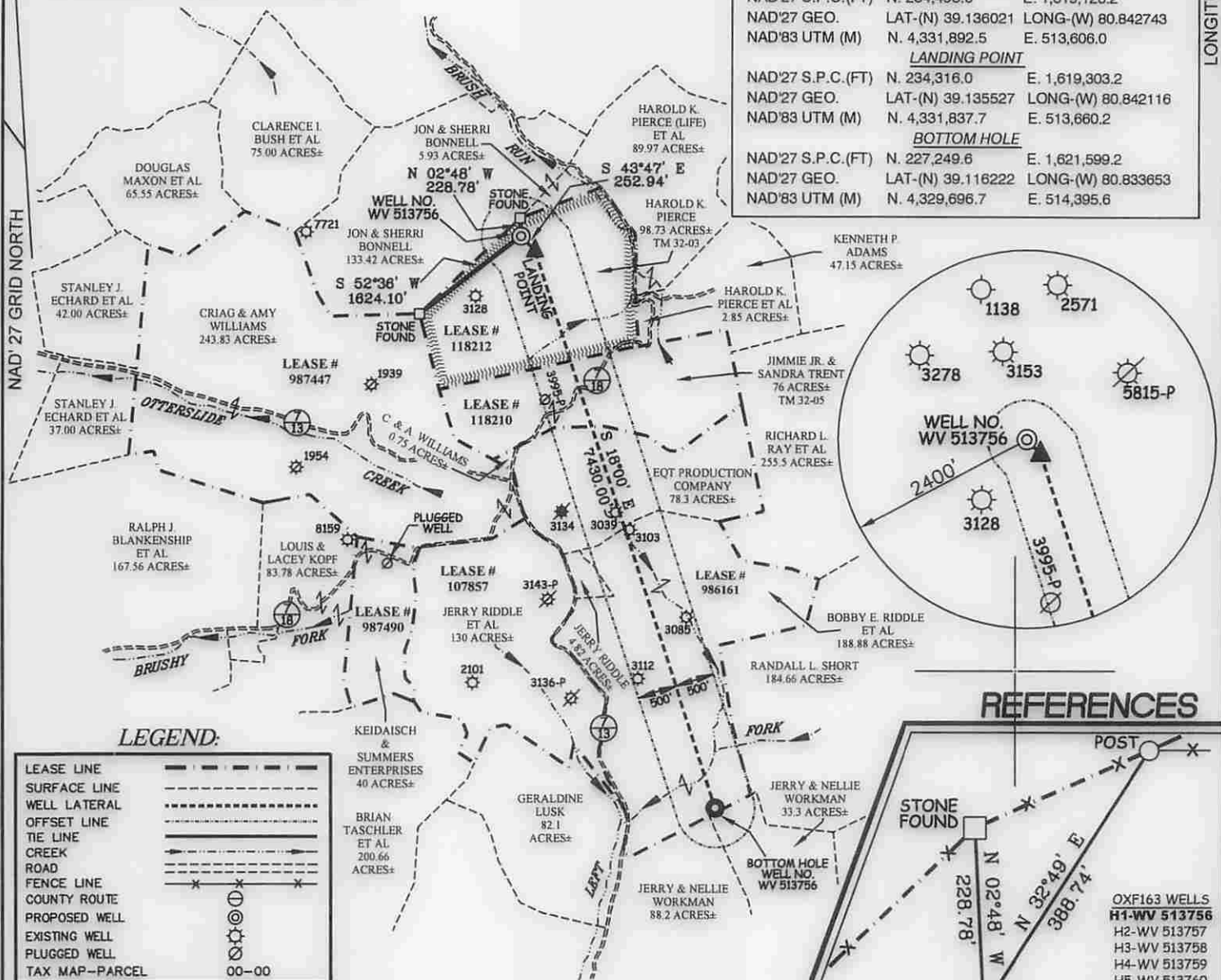
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

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. 234,316.0	E. 1,619,303.2
NAD'27 GEO.	LAT-(N) 39.135527	LONG-(W) 80.842116
NAD'83 UTM (M)	N. 4,331,837.7	E. 513,660.2
<b>BOTTOM HOLE</b>		
NAD'27 S.P.C.(FT)	N. 227,249.6	E. 1,621,599.2
NAD'27 GEO.	LAT-(N) 39.116222	LONG-(W) 80.833653
NAD'83 UTM (M)	N. 4,329,696.7	E. 514,395.6

LONGITUDE 80°05'00"

**NOTES ON SURVEY**

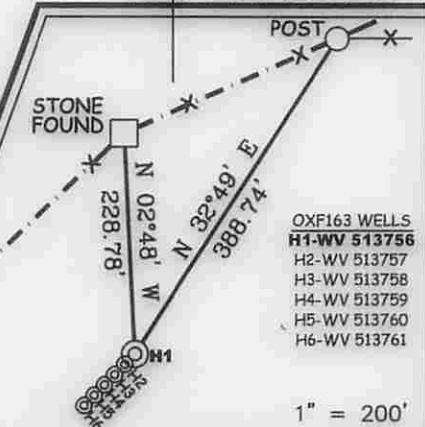
- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.



**LEGEND:**

LEASE LINE	---
SURFACE LINE	----
WELL LATERAL	-----
OFFSET LINE	-----
TIE LINE	-----
CREEK	~~~~~
ROAD	-----
FENCE LINE	-----
COUNTY ROUTE	-----
PROPOSED WELL	☉
EXISTING WELL	☼
PLUGGED WELL	⊗
TAX MAP-PARCEL	00-00

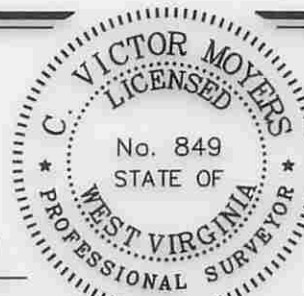
**REFERENCES**



**Professional Energy Consultants**  
A DIVISION OF SMITH LAND SURVEYING, INC.

**SLS**  
SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.

(304) 462-8824 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. 849 *C. Victor Moyers*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE MAY 27, 20 14

REVISED 07/30/14 & 10/27/14

OPERATORS WELL NO. WV 513756

API WELL NO. 47-085-10132 MOD

STATE MD COUNTY MD PERMIT MD

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7698P513756R2

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: ELEVATION 1,175(GROUND)1,158.5(PROPOSED) 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: LEASE NO. 118212

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 TVD 6495'

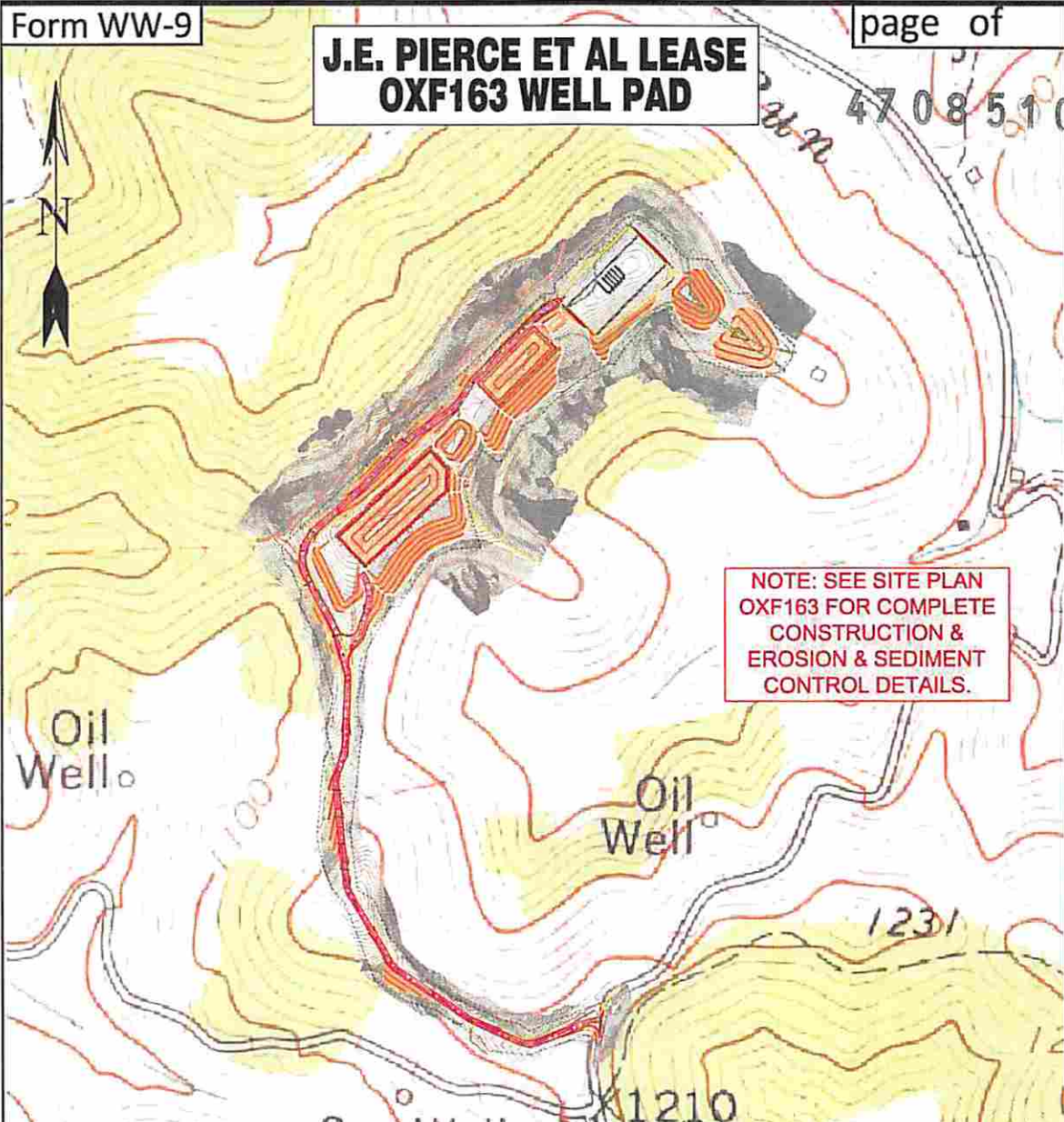
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY

ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

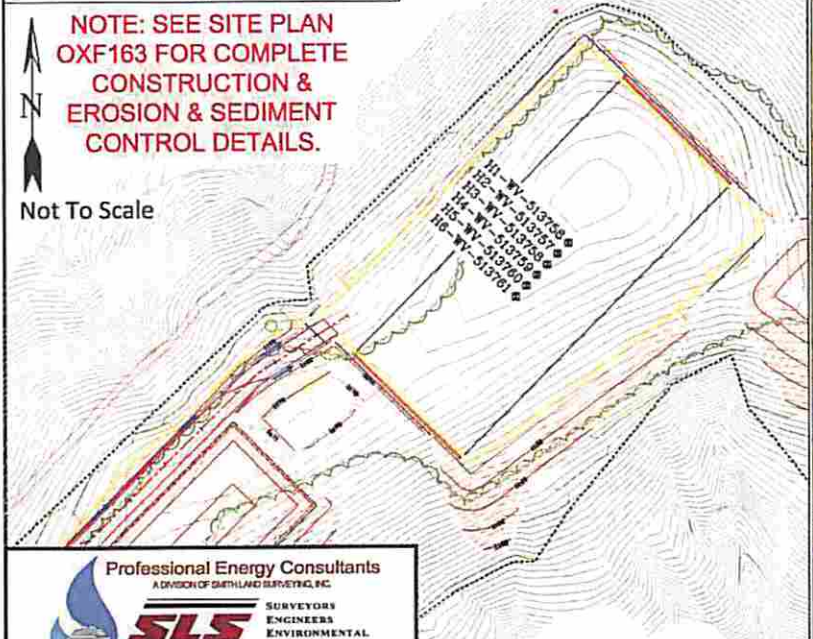
01/02/2015

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

47 08 51 01 32 MOD



Detail Sketch for Proposed OXF163 Wells



OXFORD QUAD  
AUBURN QUAD

RECEIVED  
Office of Oil and Gas

SCALE: 1"=500'

0' 500' 1000'

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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

WV Department of  
Environmental Protection