

ROYALTY OWNERS		
CRAIG H. WILLIAMS	243.83 AC.±	LEASE NO. 987447
RUSSELL L. LOCKE	40.00 AC.±	LEASE NO. 987490
J.P. SMITH ET UX	130.00 AC.±	LEASE NO. 107857

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.

**EQT PRODUCTION COMPANY
J.E. PIERCE ET AL LEASE
108 (98.73±) ACRES±
WELL NO. WV 513759**

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

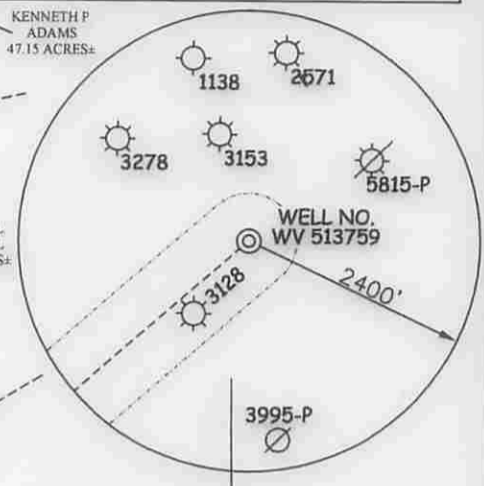
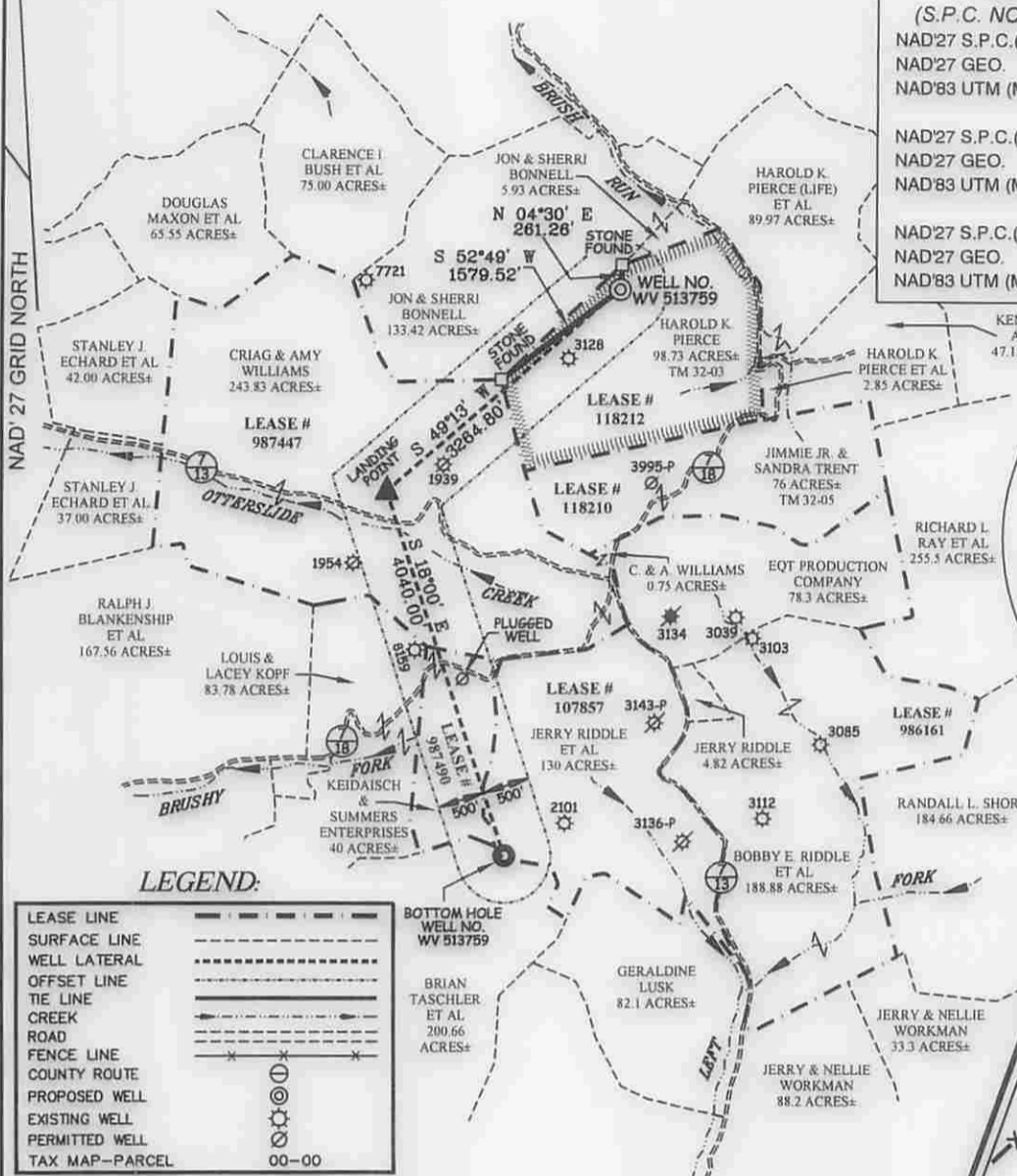
NAD'27 S.P.C.(FT)	N. 234,466.6	E. 1,619,096.5
NAD'27 GEO.	LAT-(N) 39.135932	LONG-(W) 80.842853
NAD'83 UTM (M)	N. 4,331,882.6	E. 513,596.5

LANDING POINT

NAD'27 S.P.C.(FT)	N. 232,333.9	E. 1,616,624.6
NAD'27 GEO.	LAT-(N) 39.129976	LONG-(W) 80.851453
NAD'83 UTM (M)	N. 4,331,220.3	E. 512,854.3

BOTTOM HOLE

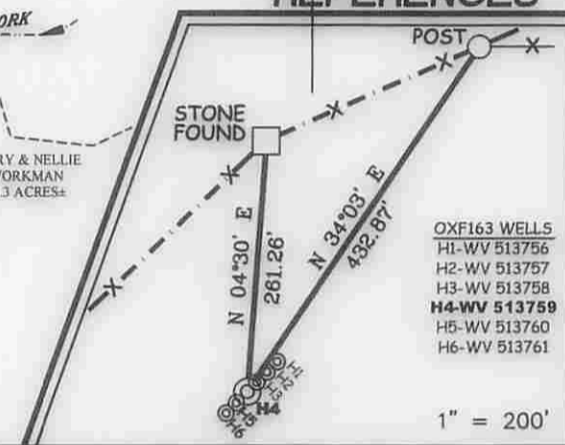
NAD'27 S.P.C.(FT)	N. 228,491.7	E. 1,617,873.0
NAD'27 GEO.	LAT-(N) 39.119479	LONG-(W) 80.846850
NAD'83 UTM (M)	N. 4,330,056.1	E. 513,254.1



LEGEND:

LEASE LINE	---
SURFACE LINE	----
WELL LATERAL	-----
OFFSET LINE	-----
TIE LINE	-----
CREEK	~~~~~
ROAD	=====
FENCE LINE	-----
COUNTY ROUTE	-----
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
TAX MAP-PARCEL	00-00

REFERENCES



1" = 200'

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC.
SLS
SURVEYORS
ENGINEERS
ENVIRONMENTAL
PROJECT MGMT.
(304) 427-5434 WWW.SLSSURVEYS.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 08/22/14 & 10/27/14
OPERATORS WELL NO. WV 513759
API WELL NO. 47-085-10135
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7698P513759R3
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 1,174'(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: 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'

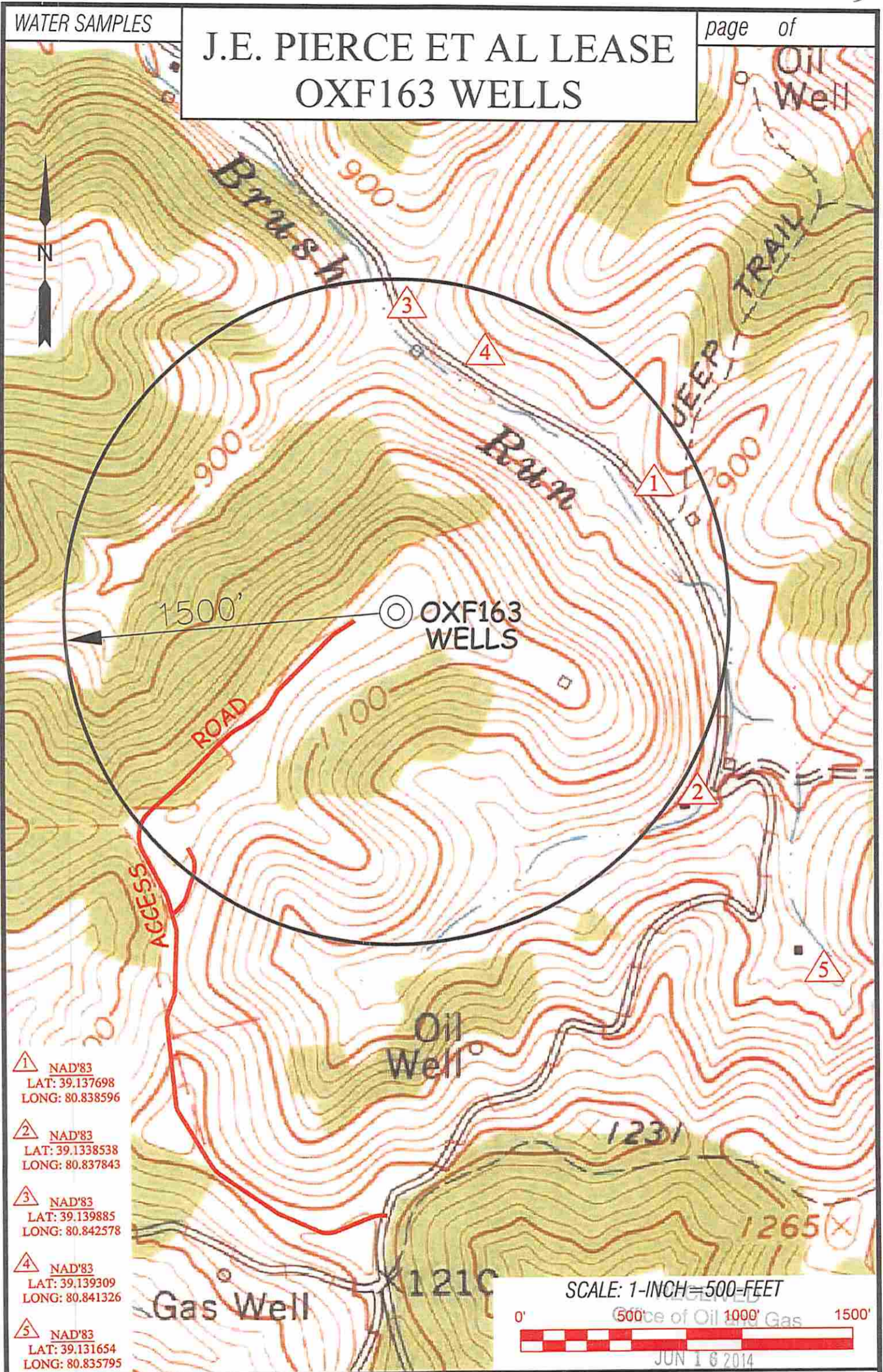
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

01/02/2015

WATER SAMPLES

J.E. PIERCE ET AL LEASE OXF163 WELLS

page of



- ① NAD'83
LAT: 39.137698
LONG: 80.838596
- ② NAD'83
LAT: 39.1338538
LONG: 80.837843
- ③ NAD'83
LAT: 39.139885
LONG: 80.842578
- ④ NAD'83
LAT: 39.139309
LONG: 80.841326
- ⑤ NAD'83
LAT: 39.131654
LONG: 80.835795

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ENGINEERS
ENVIRONMENTAL
PROJECT MGMT.

TOPO SECTIONS OF:
OXFORD, WV 7.5' QUAD

DISTRICT	COUNTY	TAX MAP-PARCEL NO.
UNION	ITCHIE	32-03

OPERATOR:
EQT PRODUCTION COMPANY
115 PROFESSIONAL PLACE
P.O. BOX 280
BRIDGEPORT, WV 26330