

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)

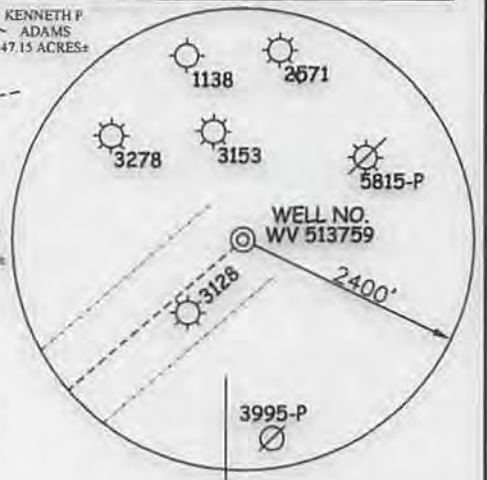
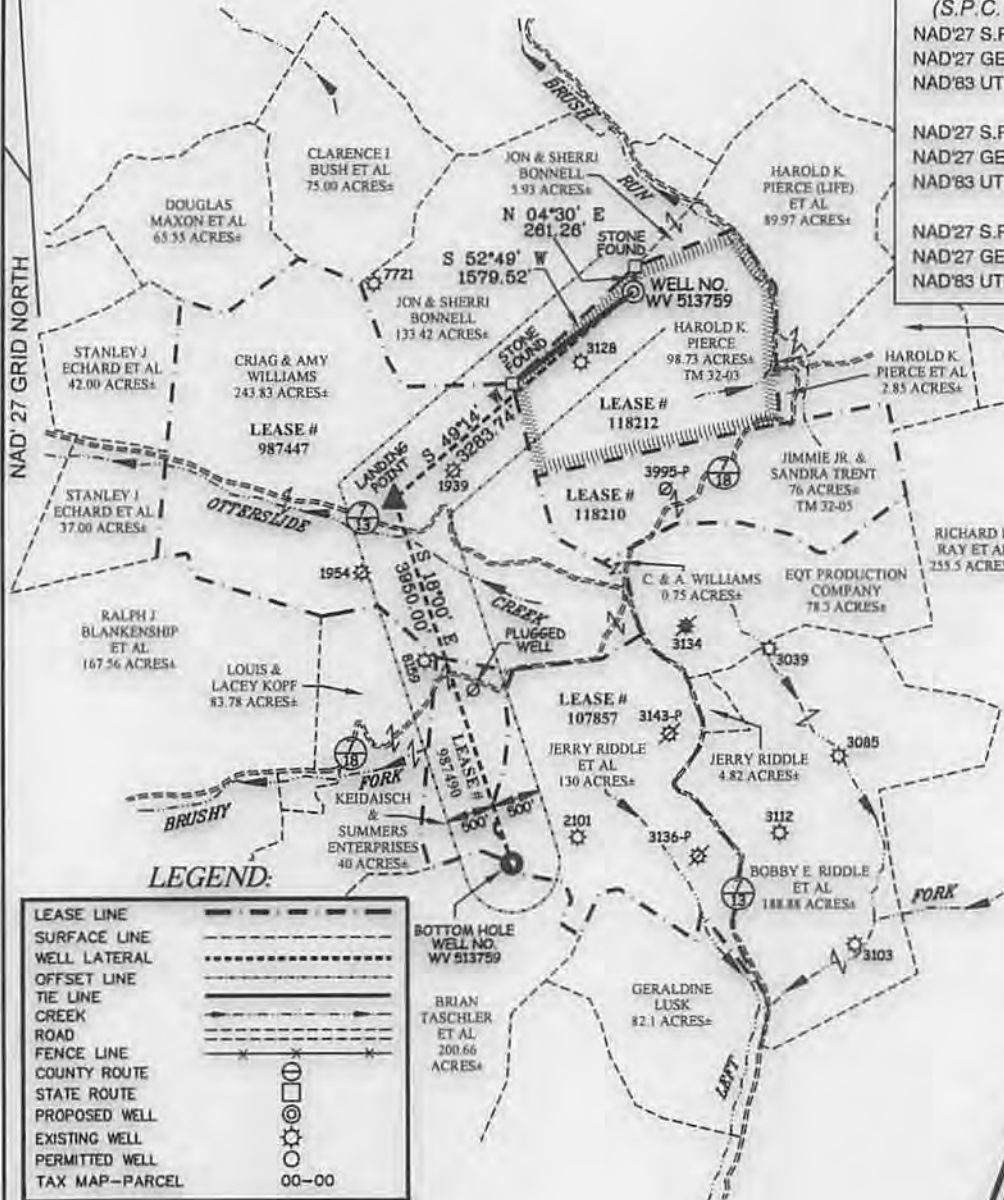
NAD'27 S.P.C.(FT) N. 234,486.6 E. 1,819,096.5  
NAD'27 GEO. LAT-(N) 39.135932 LONG-(W) 80.842853  
NAD'83 UTM (M) N. 4,331,882.6 E. 513,596.5

**LANDING POINT**

NAD'27 S.P.C.(FT) N. 232,322.6 E. 1,816,809.3  
NAD'27 GEO. LAT-(N) 39.129944 LONG-(W) 80.851506  
NAD'83 UTM (M) N. 4,331,216.8 E. 512,849.7

**BOTTOM HOLE**

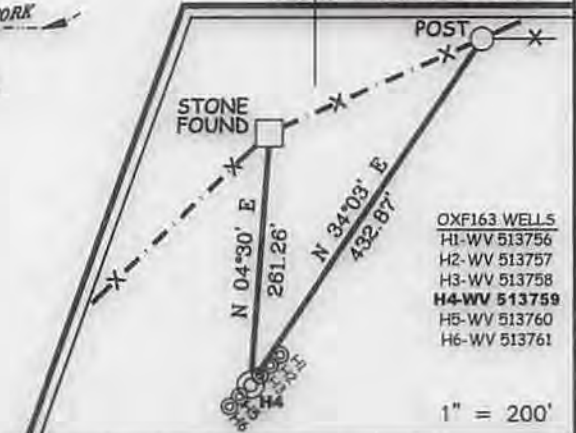
NAD'27 S.P.C.(FT) N. 228,566.0 E. 1,817,829.9  
NAD'27 GEO. LAT-(N) 39.119681 LONG-(W) 80.847006  
NAD'83 UTM (M) N. 4,330,078.5 E. 513,240.6



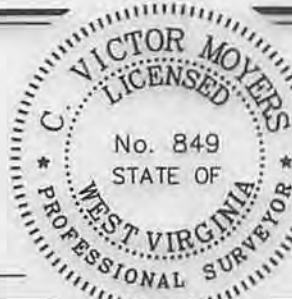
**LEGEND:**

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

**REFERENCES**



**Professional Energy Consultants**  
A DIVISION OF SMITH LAW SURVEYING, INC.  
**SLS**  
SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.  
(304) 402-8534 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. *C. Victor Moyers*  
849

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

DATE MAY 27 20 14

REVISED AUGUST 22 20 14

OPERATORS WELL NO. WV 513759

API WELL NO. 47-085-10135 H6A

STATE WV COUNTY MITCHELL PERMIT 10135 H6A

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7698P513759R2  
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: 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

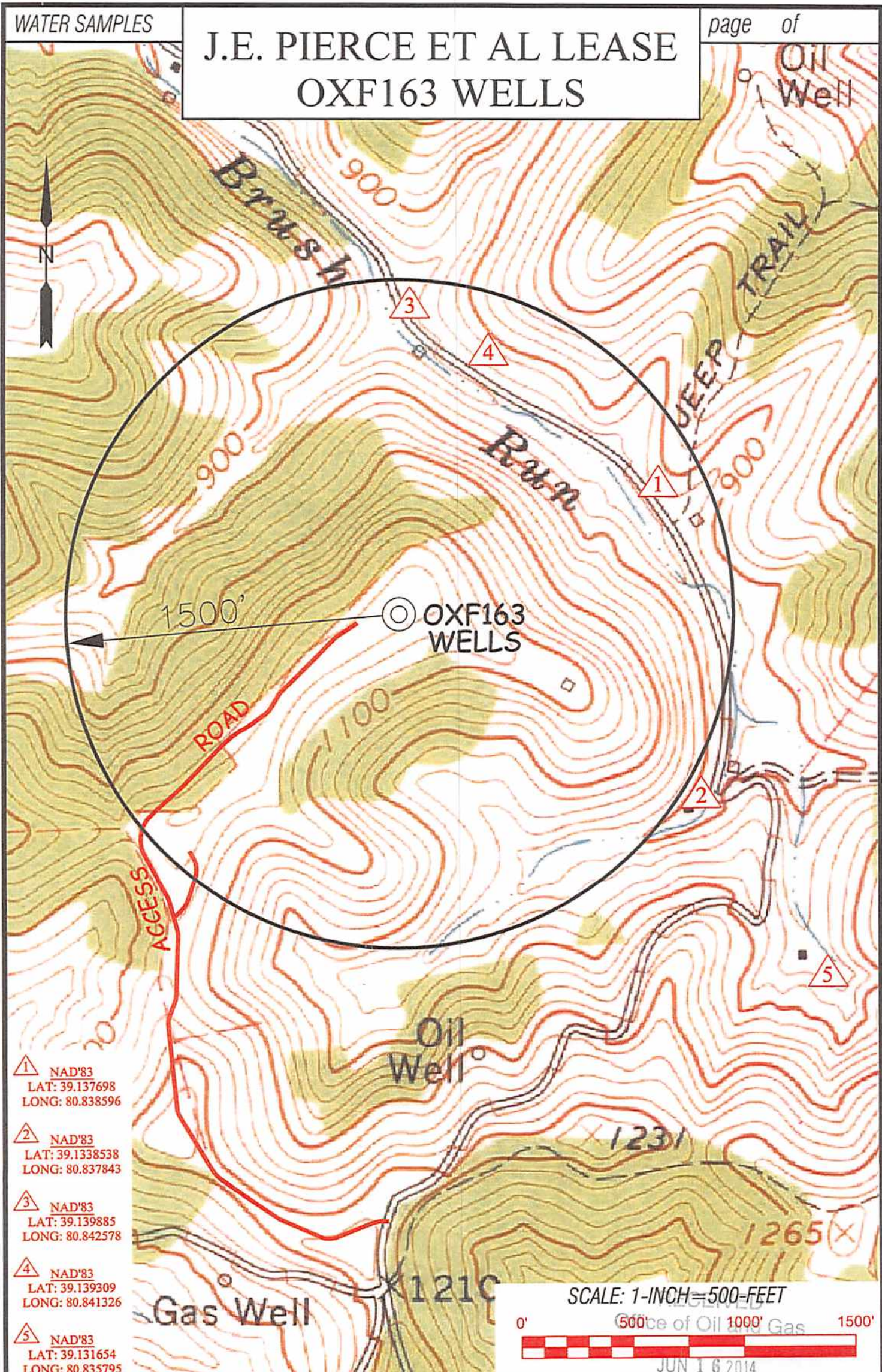
ESTIMATED DEPTH TVD 6495'

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

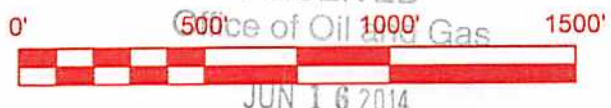
09/26/2014

# J.E. PIERCE ET AL LEASE OXF163 WELLS



- 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

SCALE: 1-INCH=500-FEET



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

**SLS**  
SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.

1941-422-8070  
20001-D-0100-01-01-0000

TOPO SECTIONS OF:  
OXFORD, WV 7.5' QUAD

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

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