

| ROYALTY OWNERS | | |
|-------------------|-----------|------------------|
| B.M. PIERCE ET UX | 64.50 AC± | LEASE NO. 118210 |

NOTES ON SURVEY

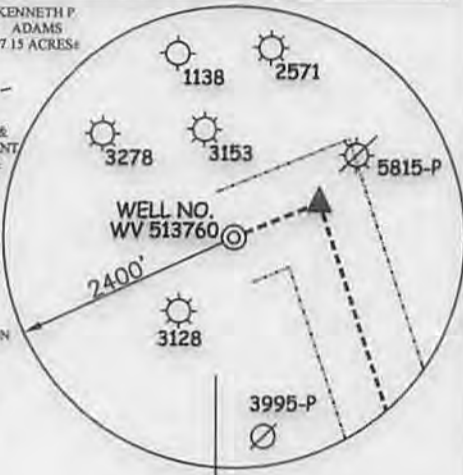
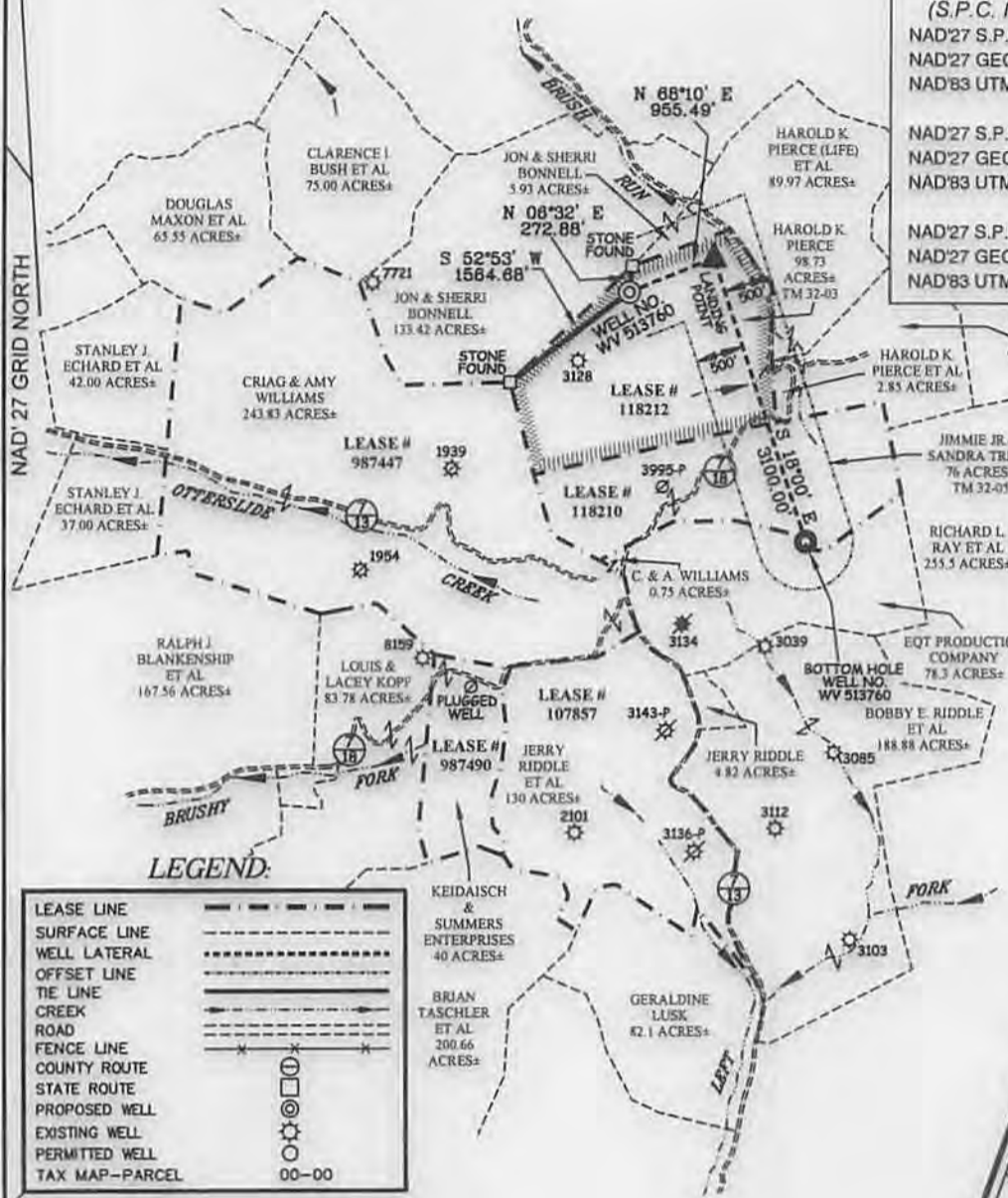
1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.

**EQT PRODUCTION COMPANY
J.E. PIERCE ET AL LEASE
108 (98.73±) ACRES±
WELL NO. WV 513760**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 234,456.0 E. 1,619,086.0
 NAD'27 GEO. LAT-(N) 39.135903 LONG-(W) 80.842890
 NAD'83 UTM (M) N. 4,331,879.3 E. 513,593.3

LANDING POINT
 NAD'27 S.P.C.(FT) N. 234,811.5 E. 1,619,972.9
 NAD'27 GEO. LAT-(N) 39.136915 LONG-(W) 80.839782
 NAD'83 UTM (M) N. 4,331,892.1 E. 513,861.7

BOTTOM HOLE
 NAD'27 S.P.C.(FT) N. 231,863.2 E. 1,620,930.8
 NAD'27 GEO. LAT-(N) 39.128860 LONG-(W) 80.836251
 NAD'83 UTM (M) N. 4,331,098.8 E. 514,168.5



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 LAND SURVEYING, INC.
SLS
 SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.
 (304) 462-8834 WWW.SLSURVEYS.COM



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 JUNE 3 , 20 14
 REVISED AUGUST 22 , 20 14
 OPERATORS WELL NO. WV 513760
 API WELL NO. 47-085-10136H6A
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7698P513760R2
 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'

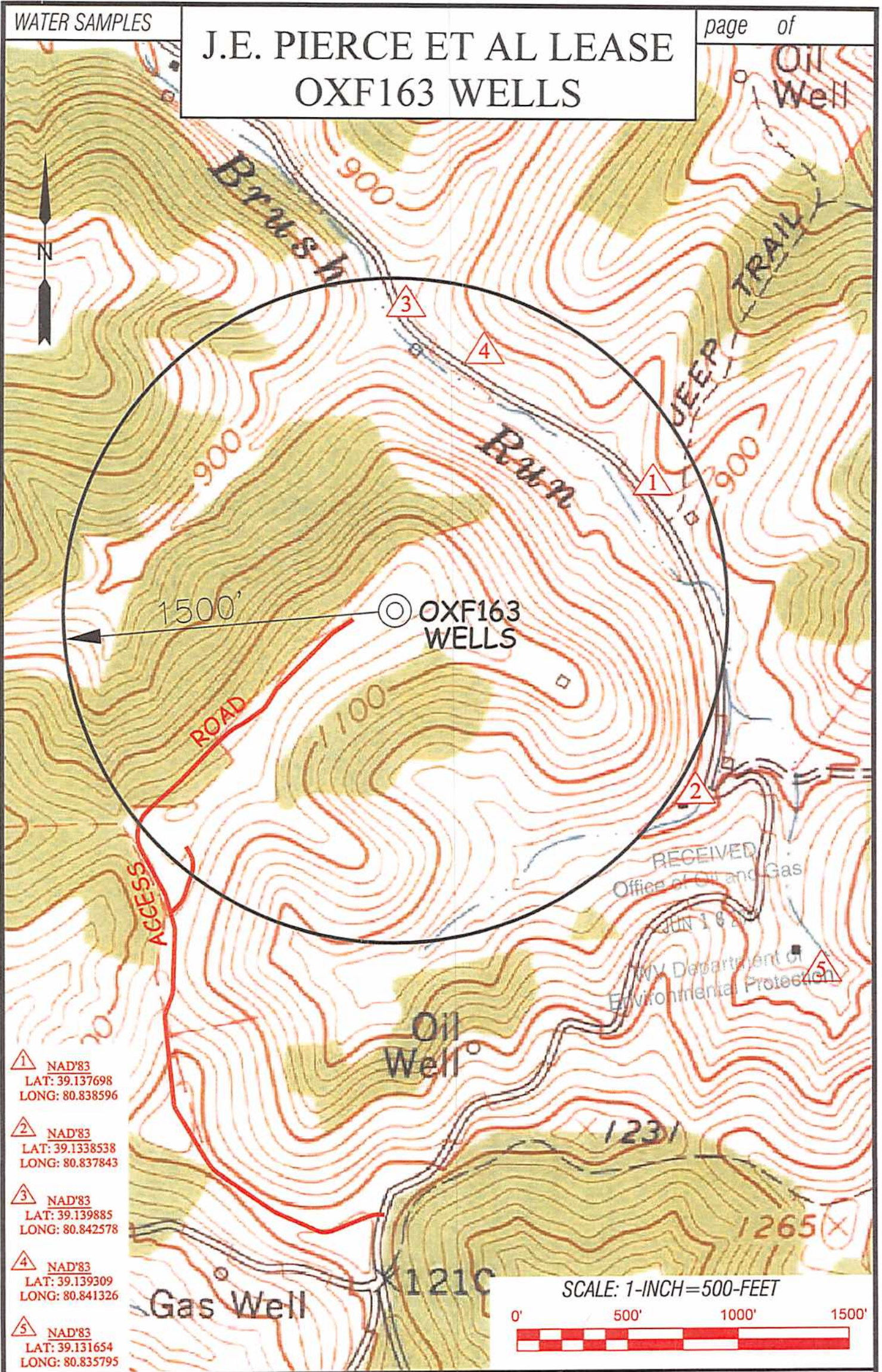
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

09/26/2014

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

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC.
SLS
SURVEYORS
ENGINEERS
ENVIRONMENTAL
PROJECT MGMT.

TOPO SECTIONS OF:
OXFORD, WV 7.5' QUAD

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

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

| DRAWN BY | FILE NO. | DATE | CADD FILE: |
|----------|----------|----------|-------------------|
| K.D.W. | 7698 | 06/10/14 | 7698WGS2F163A.dwg |