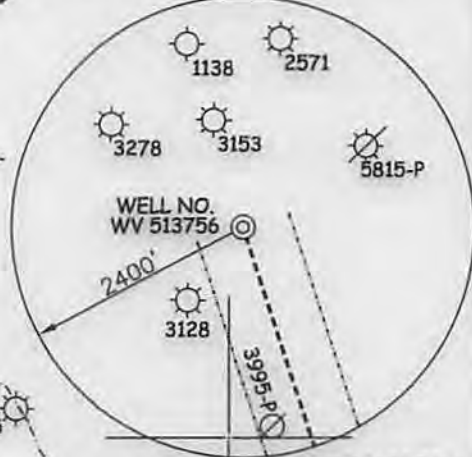


EQT PRODUCTION COMPANY
J.E. PIERCE ET AL LEASE
108(98.73±) ACRES±
WELL NO. WV 513756
 (S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N, 234,498.6 E, 1,619,128.2
 NAD'27 GEO. LAT-(N) 39.136021 LONG-(W) 80.842743
 NAD'83 UTM (M) N, 4,331,892.5 E, 513,606.0
BOTTOM HOLE
 NAD'27 S.P.C.(FT) N, 232,140.0 E, 1,619,894.6
 NAD'27 GEO. LAT-(N) 39.129578 LONG-(W) 80.839918
 NAD'83 UTM (M) N, 4,331,177.8 E, 513,851.4

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.



REFERENCES



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

Professional Energy Consultants
 A DIVISION OF SMITH LABOR SURVEYS, INC.

 SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.
 (304) 412-8834 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.
 677 *Gregory A. Smith*



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

DATE MAY 27, 20 14

REVISED _____, 20 _____

OPERATORS WELL NO. WV 513756

API WELL NO. 47 - 85 - 10132 H6A

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7698P513756

HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1000'

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

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: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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

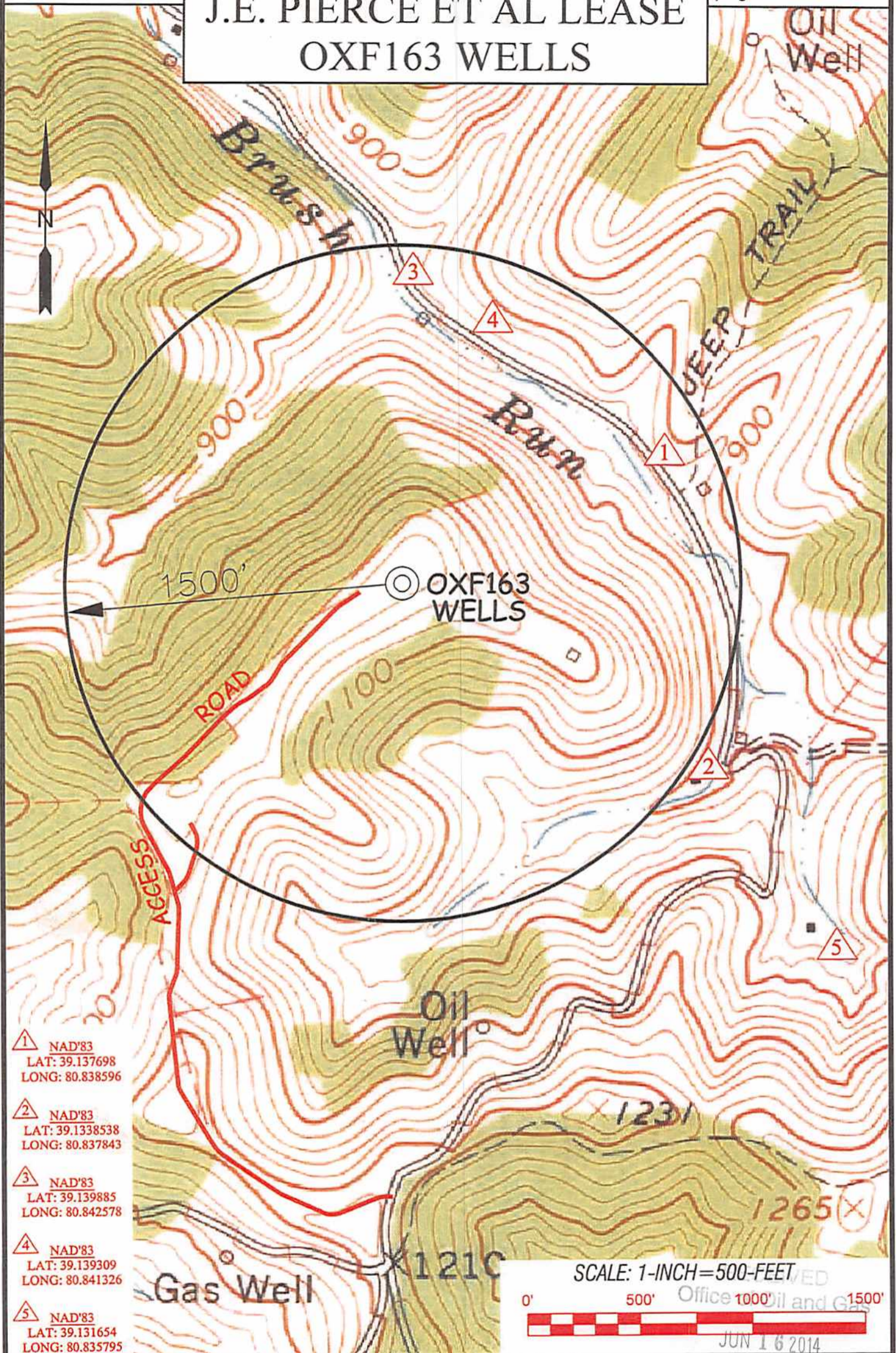
09/26/2014

LONGITUDE 80°50'08" PERMIT

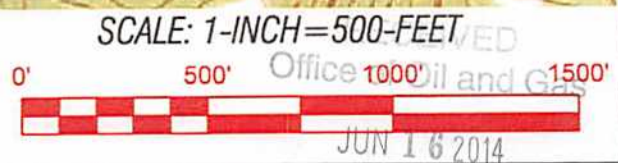
WATER SAMPLES

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 K.D.W.	FILE NO. 7698	DATE 06/10/14	CADD FILE: 7698W5OXF163A.dwg
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