

AS DRILLED COORDINATES FOR WELL NO. WV 513761

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

NAD'27 S.P.C.(FT) N. 234,445.3 E. 1,619,075.4
 NAD'27 GEO. LAT-(N) 39.135873 LONG-(W) 80.842926
 NAD'83 UTM (M) N. 4,331,876.0 E. 513,590.2

BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 227,125.2 E. 1,622,645.6
 NAD'27 GEO. LAT-(N) 39.115823 LONG-(W) 80.829960
 NAD'83 UTM (M) N. 4,329,664.1 E. 514,715.0

EQT PRODUCTION COMPANY J.E. PIERCE ET AL LEASE 108 (98.73±) ACRES± WELL NO. WV 513761 (OXF163 H6)

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

NAD'27 S.P.C.(FT) N. 234,445.3 E. 1,619,075.4
 NAD'27 GEO. LAT-(N) 39.135873 LONG-(W) 80.842926
 NAD'83 UTM (M) N. 4,331,876.0 E. 513,590.2

LANDING POINT

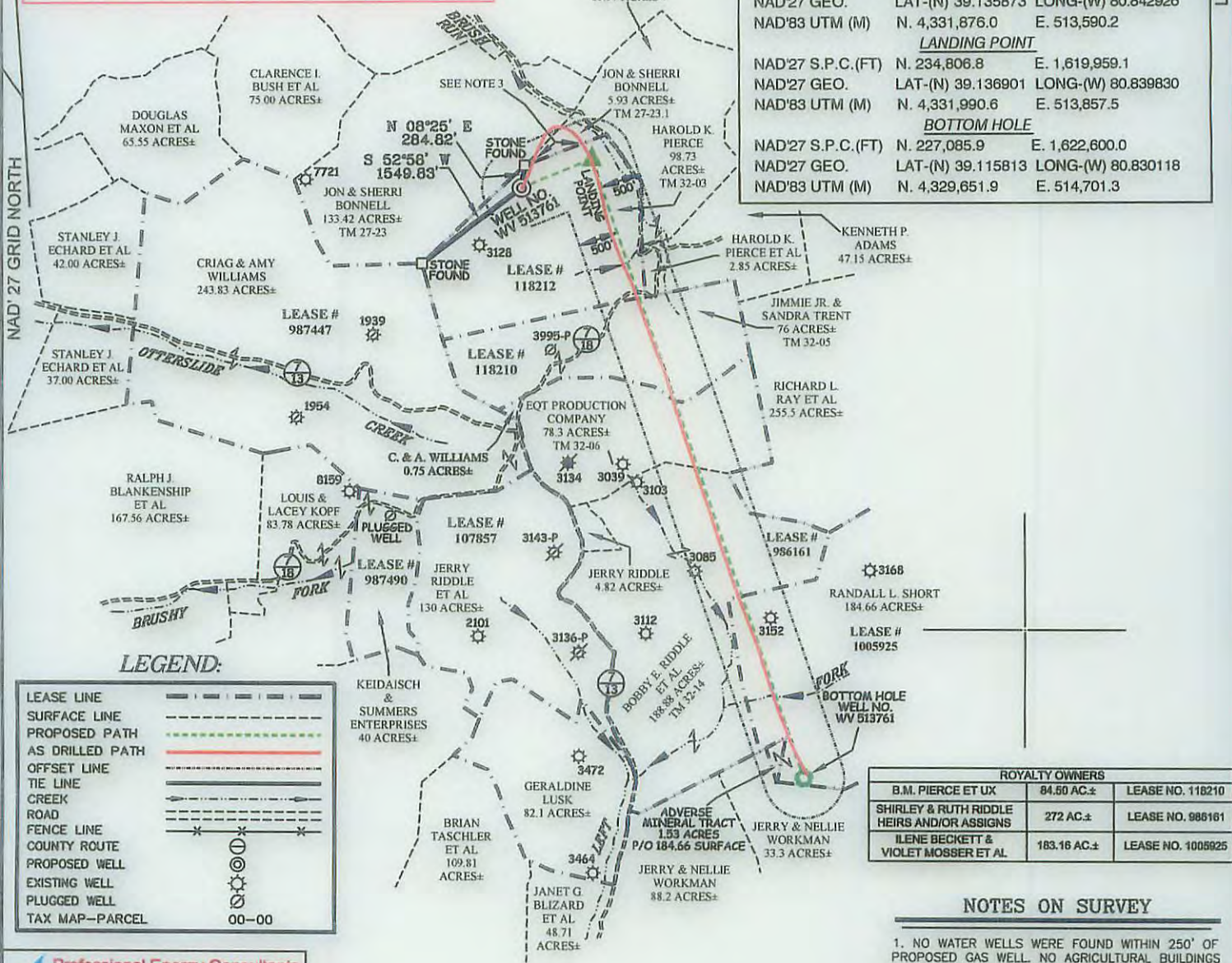
NAD'27 S.P.C.(FT) N. 234,806.8 E. 1,619,959.1
 NAD'27 GEO. LAT-(N) 39.136901 LONG-(W) 80.839830
 NAD'83 UTM (M) N. 4,331,990.6 E. 513,857.5

BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 227,085.9 E. 1,622,600.0
 NAD'27 GEO. LAT-(N) 39.115813 LONG-(W) 80.830118
 NAD'83 UTM (M) N. 4,329,651.9 E. 514,701.3

NAD'27 GRID NORTH

LONGITUDE 80°50'00"



LEGEND:

LEASE LINE	---
SURFACE LINE	----
PROPOSED PATH	-.-.-.-
AS DRILLED PATH	====
OFFSET LINE	----
TIE LINE	----
CREEK	~~~~~
ROAD	----
FENCE LINE	x-x-x-x
COUNTY ROUTE	○-○-○
PROPOSED WELL	⊙
EXISTING WELL	⊙
PLUGGED WELL	⊙
TAX MAP-PARCEL	00-00

ROYALTY OWNERS		
B.M. PIERCE ET UX	84.60 AC±	LEASE NO. 118210
SHIRLEY & RUTH RIDDLE HEIRS AND/OR ASSIGNS	272 AC±	LEASE NO. 986181
ILENE BECKETT & VIOLET MOSSER ET AL	183.16 AC±	LEASE NO. 1005925

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.
- AS DRILLED INFORMATION PROVIDED BY EQT.
- NONPRODUCTIVE SUBSURFACE RIGHT OF WAY.

Professional Energy Consultants
 A DIVISION OF SMITH LARO SURVEYING INC.

 SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.
 (304) 482-1634 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 JUNE 3, 20 14
 REVISED 08/22/14, 10/27/14, 10/31/14, 12/05/14, 04/14/15, 05/19/15, 06/08/15, 06/15/15 & 06/17/15
 OPERATORS WELL NO. WV 513761
 API WELL NO. 47 - 085 - 10137H
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7698AD513761R
 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 1,158.4'(ACTUAL) 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±)

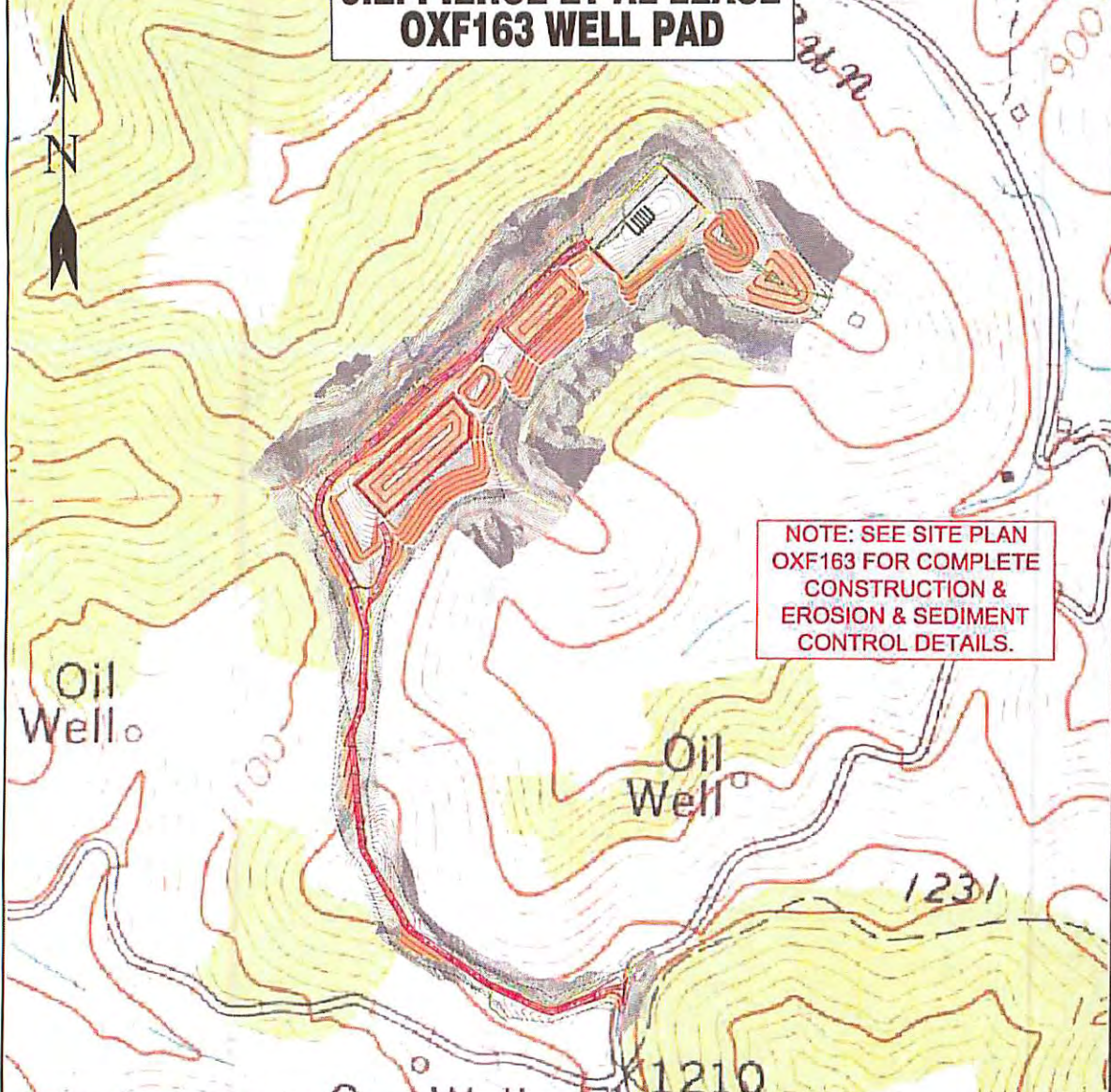
PROPOSED WORK: LEASE NO. 118212
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
 ESTIMATED DEPTH TVD 6495'

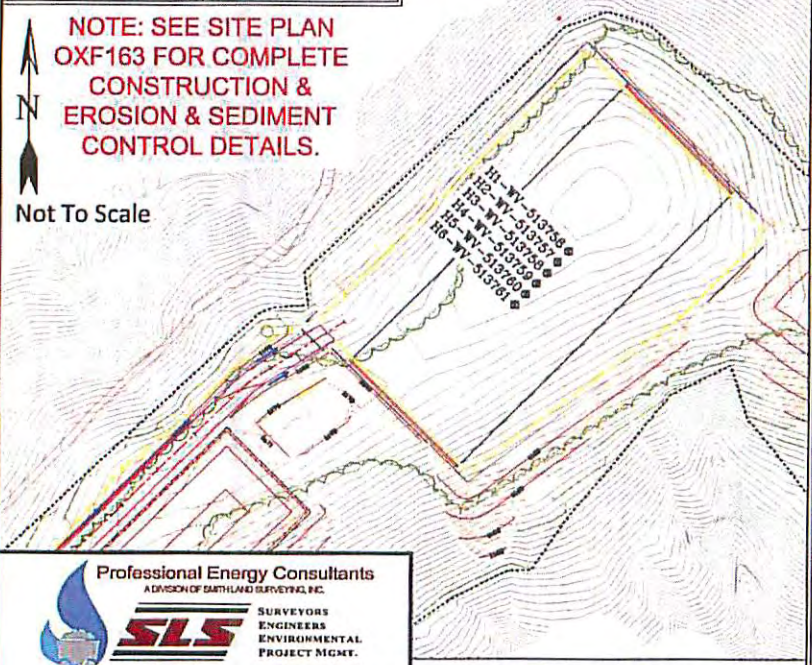
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

J.E. PIERCE ET AL LEASE OXF163 WELL PAD



Detail Sketch for Proposed OXF163 Wells



OXFORD QUAD
AUBURN QUAD

Received

OCT 28 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

Professional Energy Consultants
A DIVISION OF EARTH LAND SURVEYORS, INC.



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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

SCALE: 1"=500'



12/11/2015