

**EQT PRODUCTION COMPANY  
LEEMAN MAXWELL LEASE  
2,164 ACRES±  
WELL NO. WV 513146**

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

NAD'27 S.P.C.(FT) N. 270,801.0 E. 1,641,295.0  
NAD'27 GEO. LAT-(N) 39.236018 LONG-(W) 80.766400  
NAD'83 UTM (M) N. 4,343,003.7 E. 520,175.4

**LANDING POINT**

NAD'27 S.P.C.(FT) N. 270,848.8 E. 1,641,856.0  
NAD'27 GEO. LAT-(N) 39.236720 LONG-(W) 80.764432  
NAD'83 UTM (M) N. 4,343,082.1 E. 520,345.1

**BOTTOM HOLE**

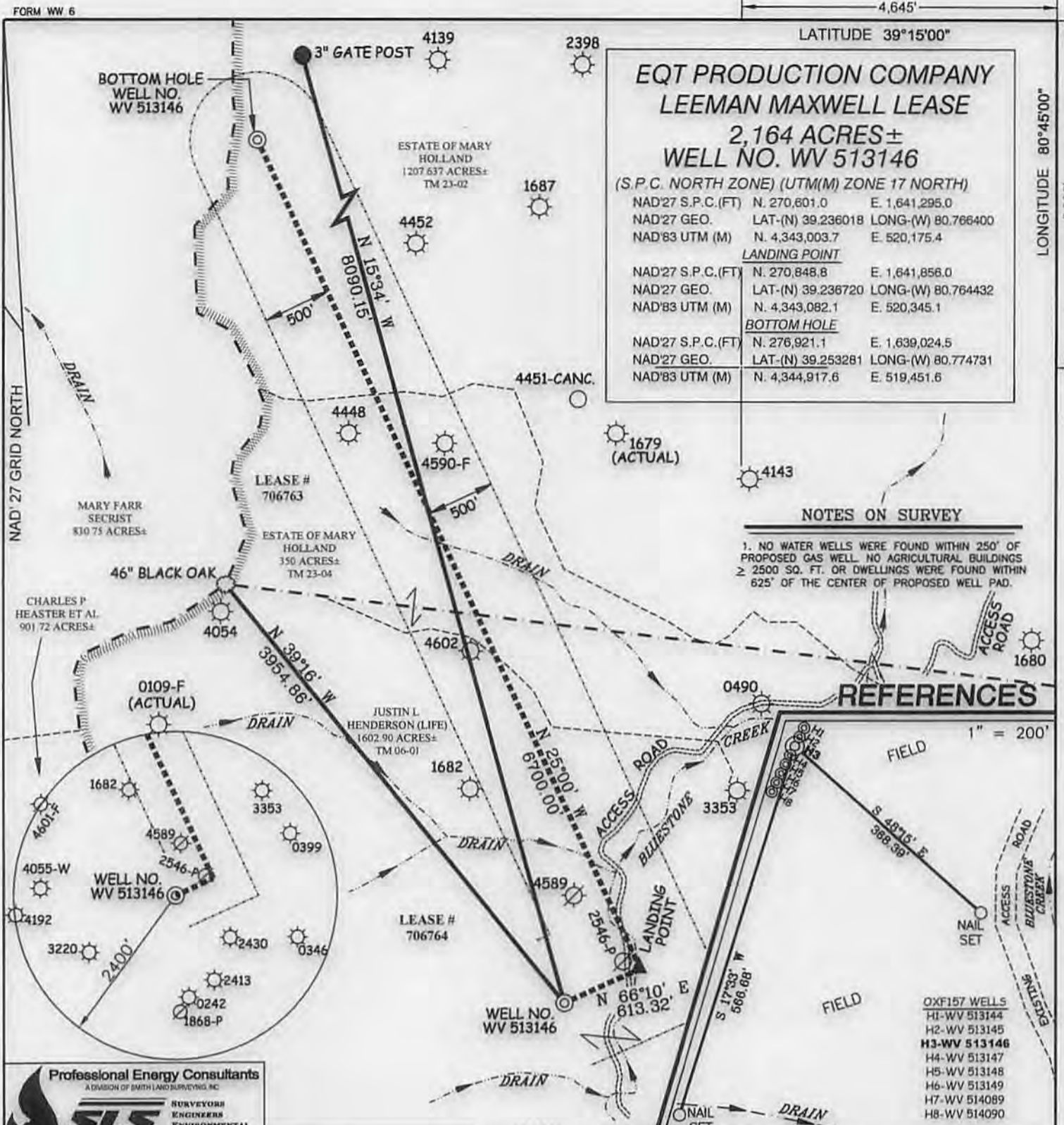
NAD'27 S.P.C.(FT) N. 276,921.1 E. 1,639,024.5  
NAD'27 GEO. LAT-(N) 39.253281 LONG-(W) 80.774731  
NAD'83 UTM (M) N. 4,344,917.6 E. 519,451.6

**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**

- OXF157 WELLS  
H1-WV 513144  
H2-WV 513145  
**H3-WV 513146**  
H4-WV 513147  
H5-WV 513148  
H6-WV 513149  
H7-WV 514089  
H8-WV 514090



**Professional Energy Consultants**  
A DIVISION OF SMITH LAND SURVEYING, INC.  
**SLS**  
SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.  
(304) 482-9634 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 APRIL 16, 20 13  
REVISED MARCH 06, 20 14  
OPERATORS WELL NO. WV 513146  
API WELL NO. 47 - 017 - 06460  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7889P513146R  
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

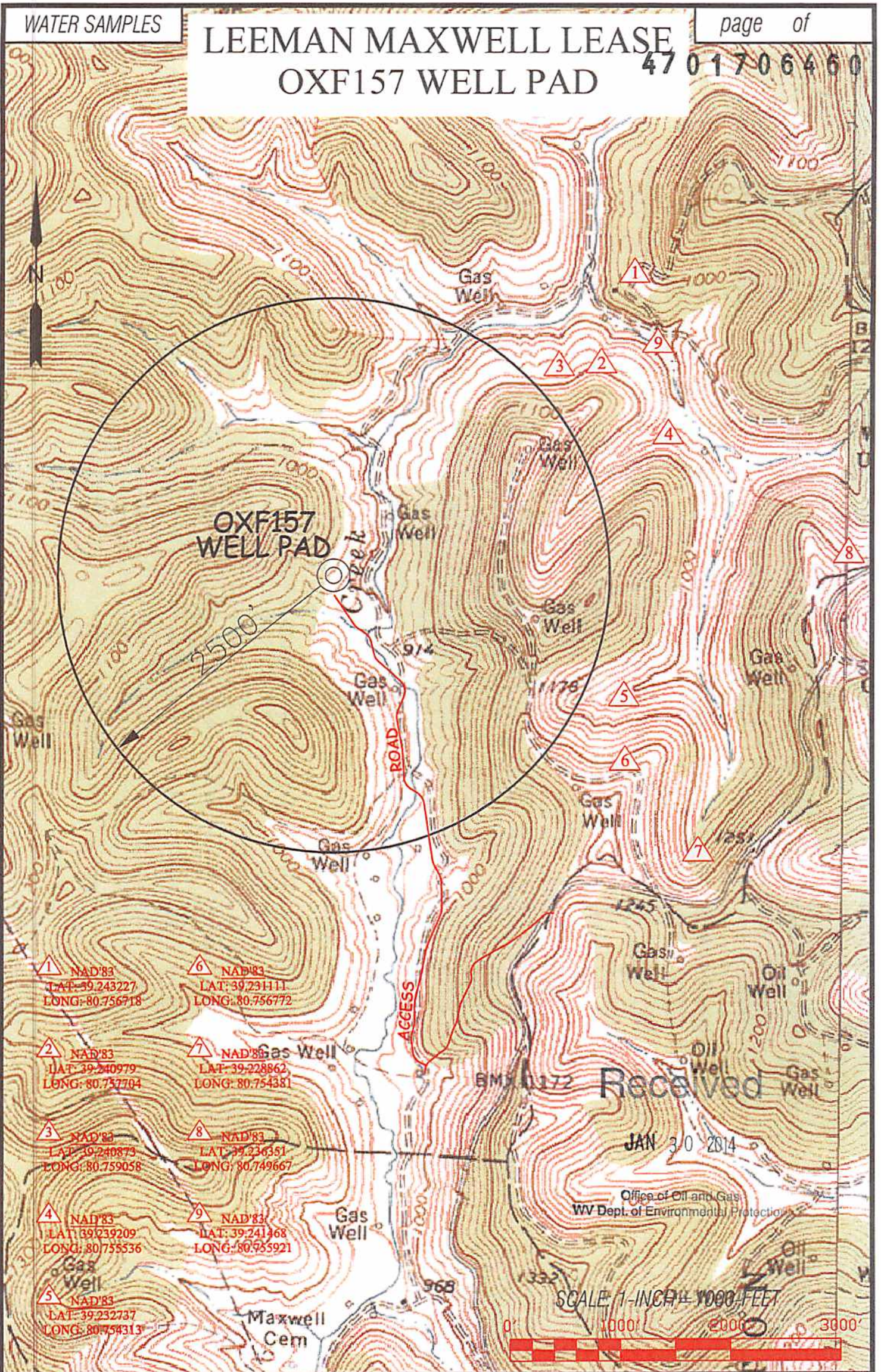
WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW

LOCATION: ELEVATION 969'(GROUND) 968'(PROPOSED) WATERSHED BLUESTONE CREEK  
DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'  
SURFACE OWNER JUSTIN L. HENDERSON (LIFE) ACREAGE 1,602.90±  
ROYALTY OWNER LEEMAN MAXWELL HRS ACREAGE (2,164±) (1,000±)  
PROPOSED WORK: LEASE NO. 706764 / 706763  
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 6399'

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

04/18/2014

# LEEMAN MAXWELL LEASE OXF157 WELL PAD



1	NAD'83 LAT: 39.243227 LONG: 80.756718	6	NAD'83 LAT: 39.231111 LONG: 80.756772
2	NAD'83 LAT: 39.240979 LONG: 80.757704	7	NAD'83 LAT: 39.228862 LONG: 80.754381
3	NAD'83 LAT: 39.240873 LONG: 80.759058	8	NAD'83 LAT: 39.236351 LONG: 80.749667
4	NAD'83 LAT: 39.239209 LONG: 80.755536	9	NAD'83 LAT: 39.241468 LONG: 80.755921
5	NAD'83 LAT: 39.232737 LONG: 80.754313		

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

**SLS**  
SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.

0361 862 4634  
WWW.SLSURVEYS.COM

DRAWN BY: K.D.W. FILE NO: 7889 DATE: 01/03/14 CADD FILE: 7889WSOXF157

TOPO SECTION OF:  
OXFORD, WV 7.5' QUAD.

DISTRICT	COUNTY	TAX MAP-PARCEL NO.
WEST UNION	DODDRIDGE	23-02

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