

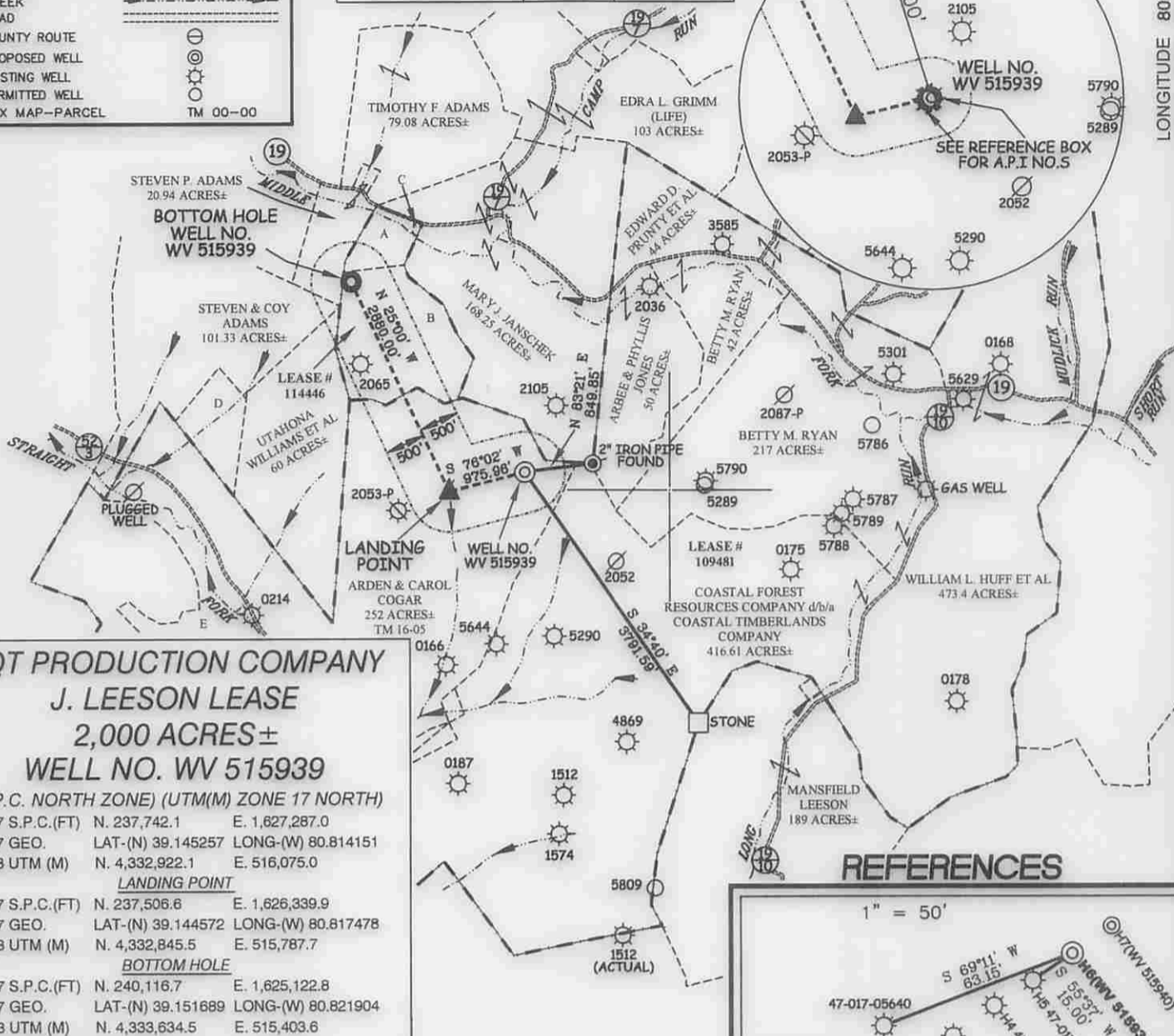
LEGEND

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

A	RANDALL & DEBBY FARLEY	10 ACRES±	TM 13-68.1
B	DELBERT & BARBARA OSBORNE	53.50 ACRES±	TM 13-68
C	DELBERT & BARBARA OSBORNE	0.125 ACRES±	
D	UTAHONA WILLIAMS ET AL	13.25 ACRES±	
E	JEFFREY A. SPERRY	72.86 ACRES±	

ROYALTY OWNERS		
VICKIE D. MOORE ET AL	71 AC±	LEASE NO. 114446

NAD'27 GRID NORTH



**EQT PRODUCTION COMPANY
J. LEESON LEASE
2,000 ACRES±
WELL NO. WV 515939**

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

NAD'27 S.P.C.(FT)	N. 237,742.1	E. 1,627,287.0
NAD'27 GEO.	LAT-(N) 39.145257	LONG-(W) 80.814151
NAD'83 UTM (M)	N. 4,332,922.1	E. 516,075.0

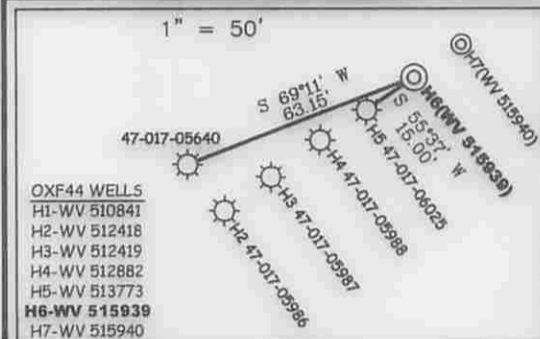
LANDING POINT

NAD'27 S.P.C.(FT)	N. 237,506.6	E. 1,626,339.9
NAD'27 GEO.	LAT-(N) 39.144572	LONG-(W) 80.817478
NAD'83 UTM (M)	N. 4,332,845.5	E. 515,787.7

BOTTOM HOLE

NAD'27 S.P.C.(FT)	N. 240,116.7	E. 1,625,122.8
NAD'27 GEO.	LAT-(N) 39.151689	LONG-(W) 80.821904
NAD'83 UTM (M)	N. 4,333,634.5	E. 515,403.6

REFERENCES



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.

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

 SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.
 (304) 482-6634
 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.
677
Gregory A. Smith

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE NOVEMBER 20, 20 14
 REVISED _____, 20 ____
 OPERATORS WELL NO. WV 515939
 API WELL NO. 47 - 17 - 06706
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 6113P515939
 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 X LIQUID INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION:
 ELEVATION 1170' (EXISTING PAD) WATERSHED _____ TRIBUTARY OF STRAIGHT FORK
 DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER ARDEN & CAROL COGAR ACREAGE 252±
 ROYALTY OWNER ADELE McDOUGAL ET AL ACREAGE 2,000±
 LEASE NO. 109481

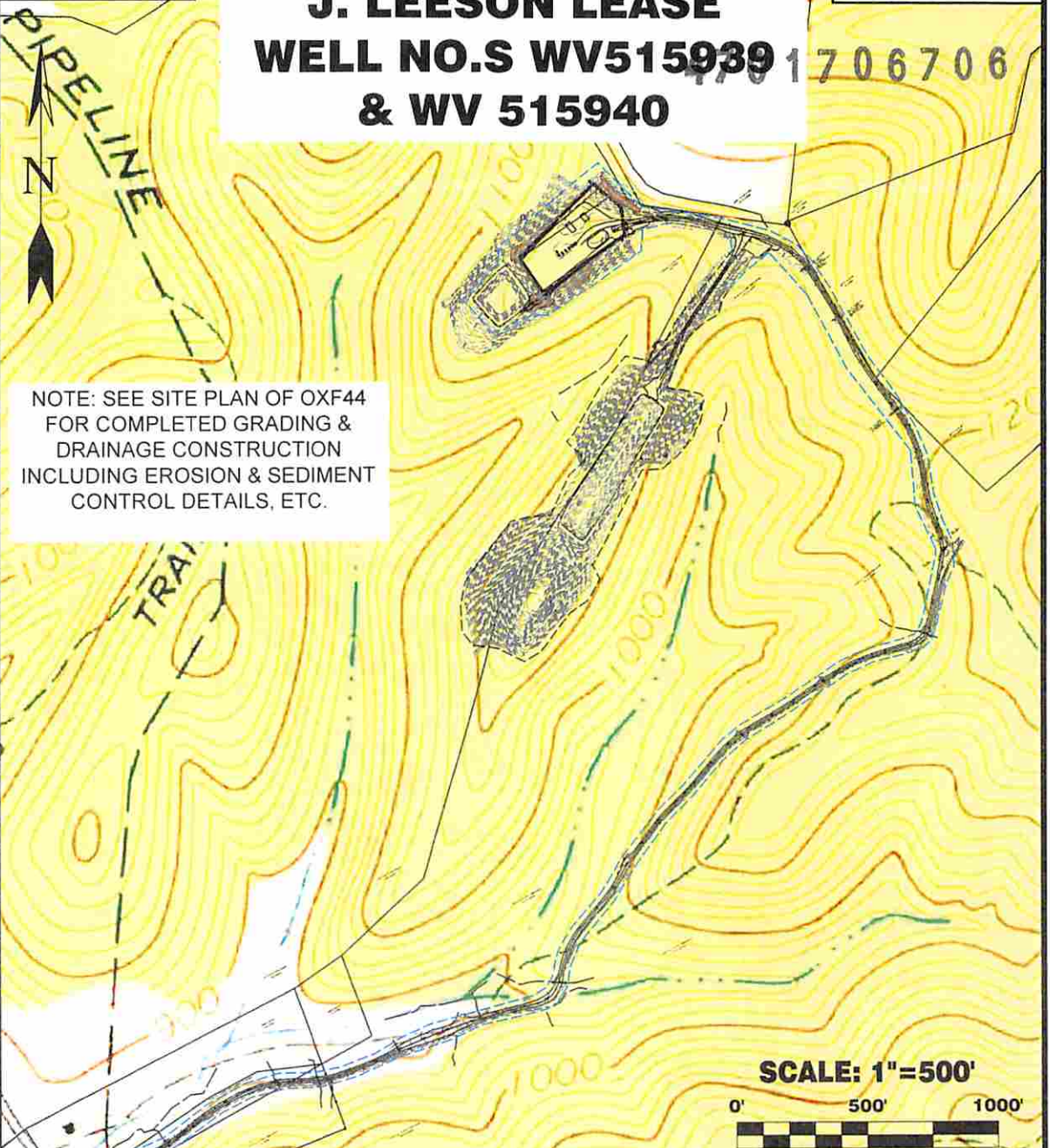
PROPOSED WORK:
 DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
 ESTIMATED DEPTH TVD 6,542'

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

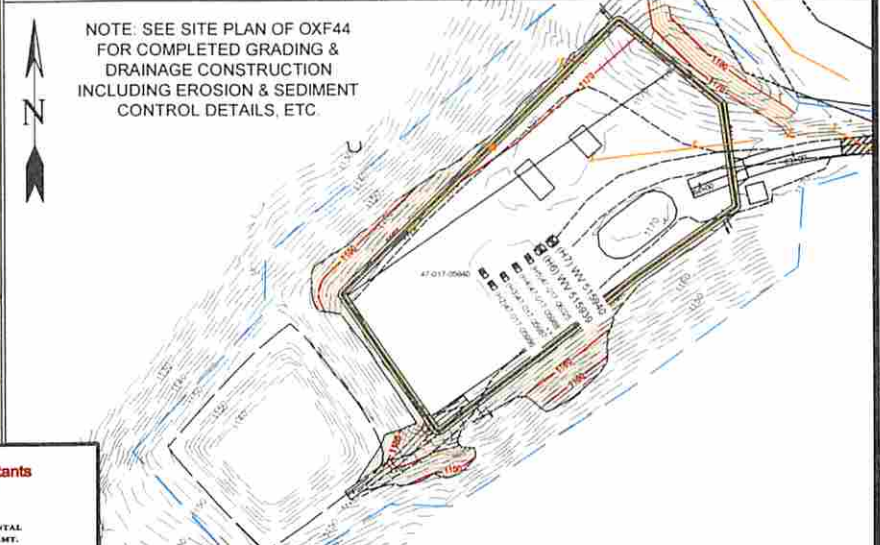
03/13/2015

COUNTY NAME PERMIT

J. LEESON LEASE WELL NO.S WV515939 1706706 & WV 515940



Detail Sketch for Proposed Wells WV 515939 & WV 515940



Received
Office of Oil & Gas
DEC 18 2014

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DRAWN BY: K.D.W.	FILE NO. 6113	DATE 11-20-14	CADD FILE: 611302F44REC.dwg
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TOPO SECTION OF OXFORD 7.5'
USGS TOPO QUADRANGLE

Not To Scale