

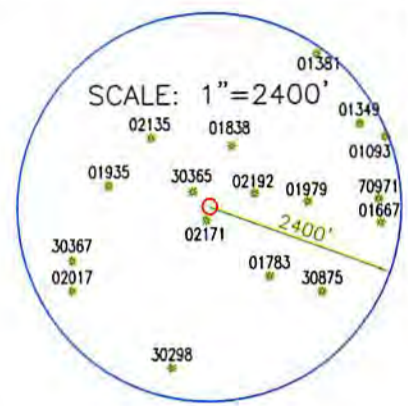
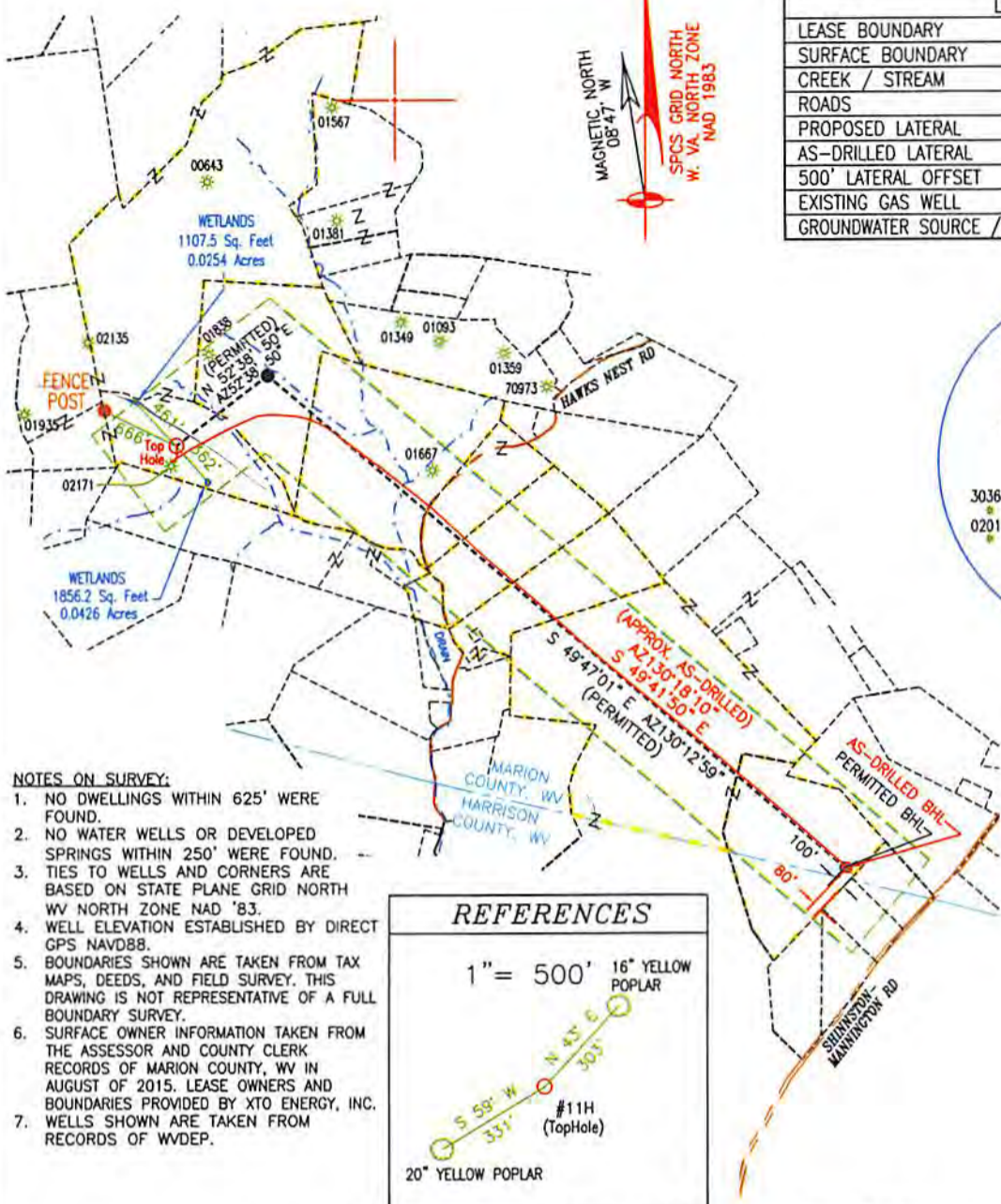
10585' (Scale: 1" = 2000')

Latitude: 39°27'30"

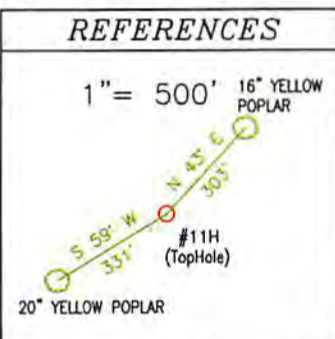
LEGEND	
LEASE BOUNDARY	
SURFACE BOUNDARY	
CREEK / STREAM	
ROADS	
PROPOSED LATERAL	
AS-DRILLED LATERAL	
500' LATERAL OFFSET	
EXISTING GAS WELL	
GROUNDWATER SOURCE / WATER SUPPLY	

1667' (Scale: 1" = 2000')

Longitude: 80°02'08"



- NOTES ON SURVEY:**
1. NO DWELLINGS WITHIN 625' WERE FOUND.
  2. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
  3. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '83.
  4. WELL ELEVATION ESTABLISHED BY DIRECT GPS NAVD88.
  5. BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
  6. SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARION COUNTY, WV IN AUGUST OF 2015. LEASE OWNERS AND BOUNDARIES PROVIDED BY XTO ENERGY, INC.
  7. WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.



**HUGHES 11H**

State Plane Coord.  
West Virginia North  
NAD27  
Top Hole Loc  
(N) 348567.868  
(E) 1754096.245

TRI-COUNTY ENGINEERING, LLC 319 PAINTERSVILLE RD. HUNKER, PA 15639 TCE@TRICOUNTYENG.COM (724) 635-0210 PAGE 1 of 2

FILE # XTOOG57-11  
DRAWING # XTOOG57-11-11H  
SCALE: 1" = 1500'  
MINIMUM DEGREE OF ACCURACY: 1:2500  
PROVEN SOURCE OF ELEVATION: DIRECT GPS

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: *Donald R. Hixson Jr.*  
R.P.E.: 17818 L.L.S.:



(+) DENOTES LOCATION OF AS-DRILLED WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTOWN, WV 25304

DATE: 6/28/2016 PLACE SEAL HERE

OPERATOR'S WELL #: HUGHES 11H

API WELL #: 47 49 02361  
STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: BINGAMON CREEK WATERSHED ELEVATION: 1287'

COUNTY/DISTRICT: MARION / MANNINGTON QUADRANGLE SHINNSTON 7.5'

SURFACE OWNER FAYE C. ROCKWELL ACREAGE 107.50

OIL & GAS ROYALTY OWNER: FAYE C. ROCKWELL ACREAGE 4

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION MARCELLUS ACTUAL DEPTH: TVD: 13,630'

WELL OPERATOR XTO ENERGY INC. DESIGNATED AGENT GARY BOW  
Address 810 HOUSTON STREET Address P.O. BOX 1008  
City FORT WORTH State TX Zip Code 76102 City JANE LEW State TX Zip Code 76378

RECEIVED  
Office of Oil and Gas  
JAN 23 2017  
JAN 23 2017  
WV Department of Environmental Protection

01/05/2018