

5905'
(Scale: 1" = 2000')

Latitude: 39°30'00"

SWEARINGEN

3H

State Plane Coord.
West Virginia North
NAD27

Top Hole Loc
(N) 352082.586
(E) 1758819.772

$L1 = N 61^{\circ}34'37'' E 387.7'$
 $AZ 61^{\circ}34'37''$

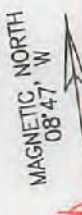
LEGEND	
LEASE BOUNDARY	— — — — —
SURFACE BOUNDARY	- - - - -
CREEK / STREAM	~ ~ ~ ~ ~
ROADS	=====
PERMITTED LATERAL	— — — — —
AS-DRILLED LATERAL	— — — — —
500' LATERAL OFFSET	— — — — —
EXISTING GAS WELL	*
GROUNDWATER SOURCE / WATER SUPPLY	(W)



SCALE: 1" = 2400'

NOTES ON SURVEY:

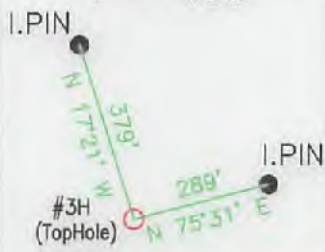
1. TWO DWELLINGS WITHIN 625' WERE FOUND.
2. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
3. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '83.
4. WELL ELEVATION ESTABLISHED BY DIRECT GPS NAVD88.
5. BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD 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 JUNE OF 2015. LEASE OWNERS AND BOUNDARIES PROVIDED BY XTO ENERGY, INC.
7. WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.
8. DWELLING A-1 IS 517' FROM CENTER OF PAD.
9. DWELLING B-1 IS 552' FROM CENTER OF PAD.



SPCS GRID NORTH
W. VA. NORTH ZONE
NAD 1983

REFERENCES

1" = 400'



TRI-COUNTY ENGINEERING, LLC

319 PAINTERSVILLE RD.
HUNKER, PA 15639
TCE@TRICOUNTYENG.COM
(724) 635-0210

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FILE # XTO-OG57
DRAWING # OG57-10-3H
SCALE: 1" = 1000'
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: _____

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#: SWEARINGEN 3H
API WELL #: 47 49 02409
STATE COUNTY PERMIT

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

WATERSHED: BINGAMON CREEK WATERSHED ELEVATION: 1372'
COUNTY/DISTRICT: MARION/MANNINGTON QUADRANGLE SHINNSTON 7.5'
SURFACE OWNER DON E CARDER ACREAGE 207.16
OIL & GAS ROYALTY OWNER: DON E CARDER ACREAGE 468.76

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

TARGET FORMATION MARCELLUS ACTUAL TMD: 13,495'
WELL OPERATOR XTO ENERGY INC. DESIGNATED AGENT JANE BEALL
Address 810 HOUSTON STREET Address P.O. BOX 1008
City FORT WORTH State TX Zip Code 76102 City JANE LEW State WV Zip Code 26378

