

HUGHES

5H

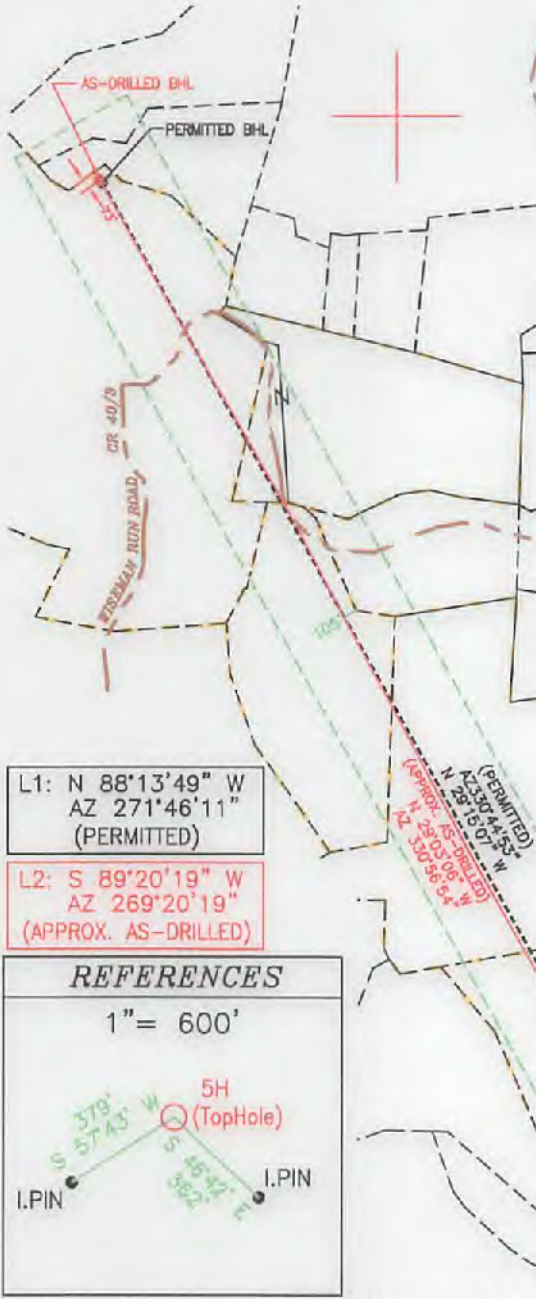
State Plane Coord.
West Virginia North
NAD27

Top Hole Loc
(N) 348558.038
(E) 1754094.025

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

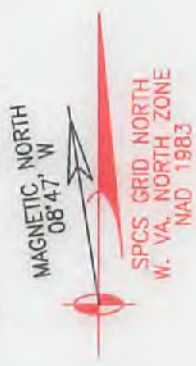
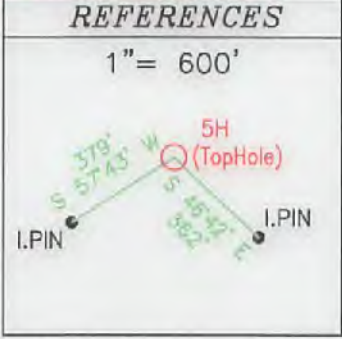
NOTES ON SURVEY:

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.



L1: N 88°13'49" W
AZ 271°46'11"
(PERMITTED)

L2: S 89°20'19" W
AZ 269°20'19"
(APPROX. AS-DRILLED)



TRI-COUNTY ENGINEERING, LLC

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FILE # XTO-OG57
DRAWING # OG57-11-5H
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 5H
API WELL #: 47 49 02406
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 (THL) SHINNSTON 7.5'
SURFACE OWNER FAYE C. ROCKWELL ACREAGE 107.50
OIL & GAS ROYALTY OWNER: BEVERLY & DAN M. KELLY et al. ACREAGE 50.00

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 DEPTH: TVD: 7,535' / TMD: 16,250'

WELL OPERATOR XTO ENERGY INC.
Address 810 HOUSTON STREET
City FORT WORTH State TX Zip Code 76102

DESIGNATED AGENT GARY BEALL
Address P.O. BOX 1008
City JANE LEW State WV Zip Code 26378

09/15/2017