

(Scale: 1" = 2000') Latitude: 39°27'30"

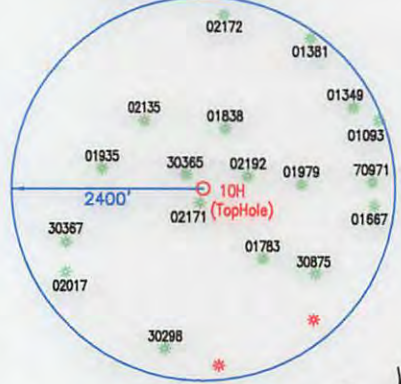
Longitude: 80°20'00" (Scale: 1" = 2000')

HUGHES 10H

State Plane Coord.
West Virginia North
NAD27
Top Hole Loc
(N) 348577.688
(E) 1754098.454

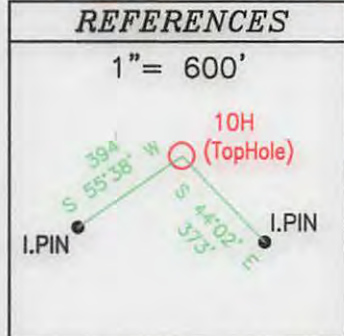
LEGEND	
LEASE BOUNDARY	— — — — —
SURFACE BOUNDARY	- - - - -
CREEK / STREAM	~ ~ ~ ~ ~
ROADS	====
PROPOSED LATERAL	- - - - -
500' LATERAL OFFSET	— — — — —
EXISTING GAS WELL	★
GROUNDWATER SOURCE / WATER SUPPLY	⊕

SCALE: 1" = 2400'



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 WDEP.



TRI-COUNTY ENGINEERING, LLC

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

PAGE 1 of 2

FILE # XTO-OG57
DRAWING # OG57-11-10H
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: Cynthia A. Born
R.P.E.: _____ L.L.S.: 2135



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

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



DATE: 8/27/2015 PLACE SEAL HERE
OPERATOR'S WELL #: HUGHES 10H
API WELL #: 47 49 02405 **H6A**
STATE COUNTY PERMIT

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

WATERSHED: BINGAMON CREEK WATERSHED ELEVATION: 1286' (PROPOSED GRADE)
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 410/23/2015

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 ESTIMATED DEPTH: 7,490'/14,120'

WELL OPERATOR XTO ENERGY INC. DESIGNATED AGENT GARY 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

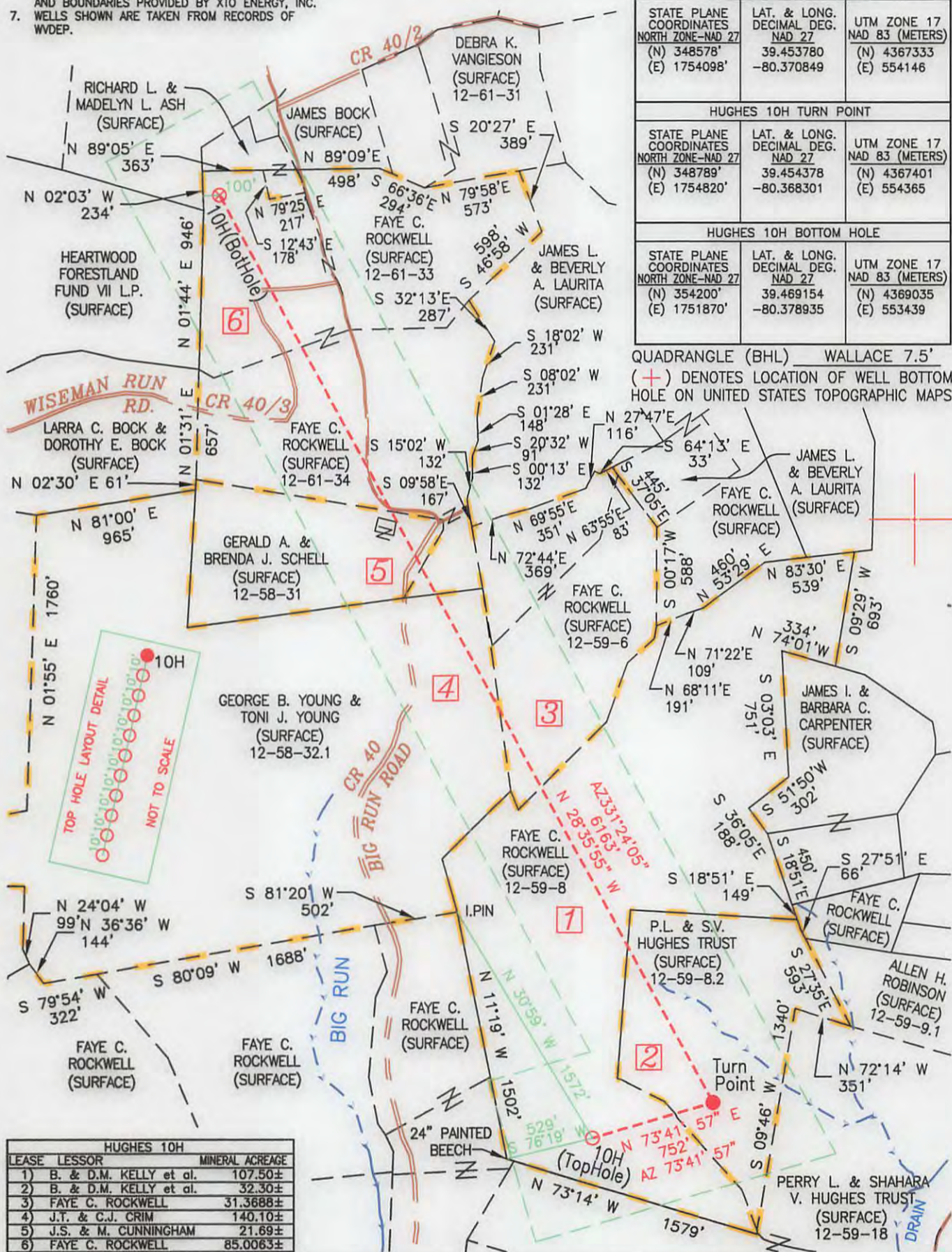
NOTES ON SURVEY:

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 10H
 State Plane Coord.
 West Virginia North
 NAD27
 Top Hole Loc
 (N) 348577.688
 (E) 1754098.454

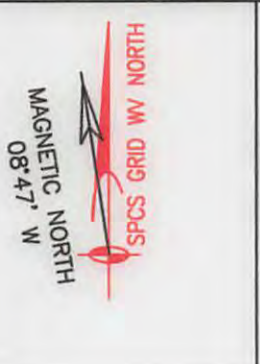
LEGEND	
LEASE BOUNDARY	— — — — —
SURFACE BOUNDARY	— — — — —
CREEK / STREAM	— — — — —
ROADS	— — — — —
PROPOSED LATERAL	— — — — —
500' LATERAL OFFSET	— — — — —
EXISTING GAS WELL	⊙
GROUNDWATER SOURCE / WATER SUPPLY	⊙

HUGHES 10H TOP HOLE		
STATE PLANE COORDINATES NORTH ZONE-NAD 27	LAT. & LONG. DECIMAL DEG. NAD 27	UTM ZONE 17 NAD 83 (METERS)
(N) 348578' (E) 1754098'	39.453780 -80.370849	(N) 4367333 (E) 554146
HUGHES 10H TURN POINT		
STATE PLANE COORDINATES NORTH ZONE-NAD 27	LAT. & LONG. DECIMAL DEG. NAD 27	UTM ZONE 17 NAD 83 (METERS)
(N) 348789' (E) 1754820'	39.454378 -80.368301	(N) 4367401 (E) 554365
HUGHES 10H BOTTOM HOLE		
STATE PLANE COORDINATES NORTH ZONE-NAD 27	LAT. & LONG. DECIMAL DEG. NAD 27	UTM ZONE 17 NAD 83 (METERS)
(N) 354200' (E) 1751870'	39.469154 -80.378935	(N) 4369035 (E) 553439



QUADRANGLE (BHL) WALLACE 7.5'
 (+) DENOTES LOCATION OF WELL BOTTOM HOLE ON UNITED STATES TOPOGRAPHIC MAPS

HUGHES 10H	
LEASE LESSOR	MINERAL ACREAGE
1) B. & D.M. KELLY et al.	107.50±
2) B. & D.M. KELLY et al.	32.30±
3) FAYE C. ROCKWELL	31.3688±
4) J.T. & C.J. CRIM	140.10±
5) J.S. & M. CUNNINGHAM	21.69±
6) FAYE C. ROCKWELL	85.0063±



XTO ENERGY
 810 HOUSTON STREET
 FORT WORTH, TX 76102

Scale: 1" = 800'

TRI-COUNTY ENGINEERING, LLC
 An ENERCON Company
 319 Paintersville Road
 Hunker, PA 15639
 www.tricountyeng.com

Voice: (724) 635-0210

10/23/2015
 Fax: (724) 635-0676

SUPPLEMENTAL SURFACE & LESSOR EXHIBIT	
HUGHES 10H	
DRAWN BY: NJP	MANNINGTON DISTRICT, MARION COUNTY, WEST VIRGINIA
DATE: 8/27/2015	FILE NO. 0G57-11
SHEET: 2 OF 2	SCALE: 1" = 800'