

5891

Latitude: 39°30'00"

Longitude: 80°20'00"

State Plane Coord.  
West Virginia North  
NAD27  
Top Hole Loc  
(N) 352092.033  
(E) 1758823.377

# SWEARINGEN 1H

LEASE	LESSOR	MINERAL ACREAGE
1	DOUGLAS E & LEANN SWEARINGEN	98.73±
2	ALICE E JOSEPH	58.59±
3	THOMAS D & WILLETIA CARNES	72.75±

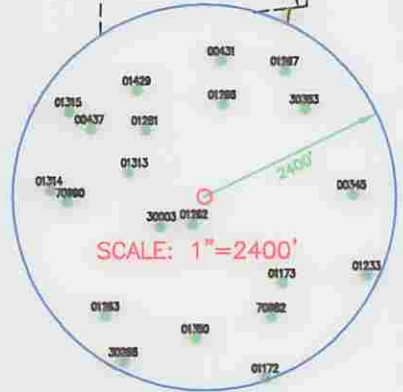
LEGEND	
—	LEASE BOUNDARY
- - -	SURFACE BOUNDARY
— — — —	CREEK / STREAM
— — — —	ROADS
- - - - -	PROPOSED LATERAL
- - - - -	500' LATERAL OFFSET
*	EXISTING GAS WELL

SWEARINGEN 1H LANDING POINT		
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 352061 (E) 1758665	L&L DECIMAL NAD 27 (N) 39.463463 (E) 80.354795	UTM (NAD 83) ZONE 17 METERS 4368418 555520

SWEARINGEN 1H BOTTOM HOLE		
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 356404 (E) 1756574	L&L DECIMAL NAD 27 (N) 39.475331 (E) 80.362349	UTM (NAD 83) ZONE 17 METERS 4369730 554880

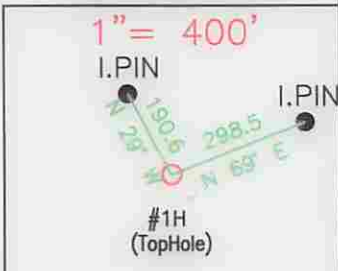
SWEARINGEN 1H SURFACE HOLE		
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 352092 (E) 1758823	L&L DECIMAL NAD 27 39.463552 80.354235	UTM (NAD 83) ZONE 17 METERS 4368428 555568

NORTH



- NOTES ON SURVEY:**
- TWO DWELLINGS WITHIN 625' WERE FOUND.
  - NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
  - TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '83.
  - WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAVD88.
  - SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARION COUNTY IN JUNE OF 2014 AND INFORMATION PROVIDED BY XTO ENERGY INC.
  - WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.
  - DWELLING A-1 IS 517' FROM CENTER OF PAD
  - DWELLING B-1 IS 552' FROM CENTER OF PAD

### REFERENCES



TRI-COUNTY ENGINEERING, LLC

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

FILE # XTOOG57  
DRAWING # OG57-10-1H  
SCALE: 1" = 1200'  
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  
R.P.E.: 17818 L.L.S.: \_\_\_\_\_



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

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



DATE: 11/29/2014 PLACE SEAL HERE  
WV Department of Environmental Protection  
OPERATOR'S WELL #: SWEARINGEN 1H  
API WELL #: 47 49 02362  
STATE COUNTY PERMIT

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

WATERSHED: BINGAMON CREEK WATERSHED ELEVATION: 1376' (PROPOSED GRADE)  
COUNTY/DISTRICT: MARION - MANNINGTON QUADRANGLE SHINNSTON 7.5'  
SURFACE OWNER DON E CARDER ACREAGE 207.16  
OIL & GAS ROYALTY OWNER: DON E CARDER ACREAGE 397.54

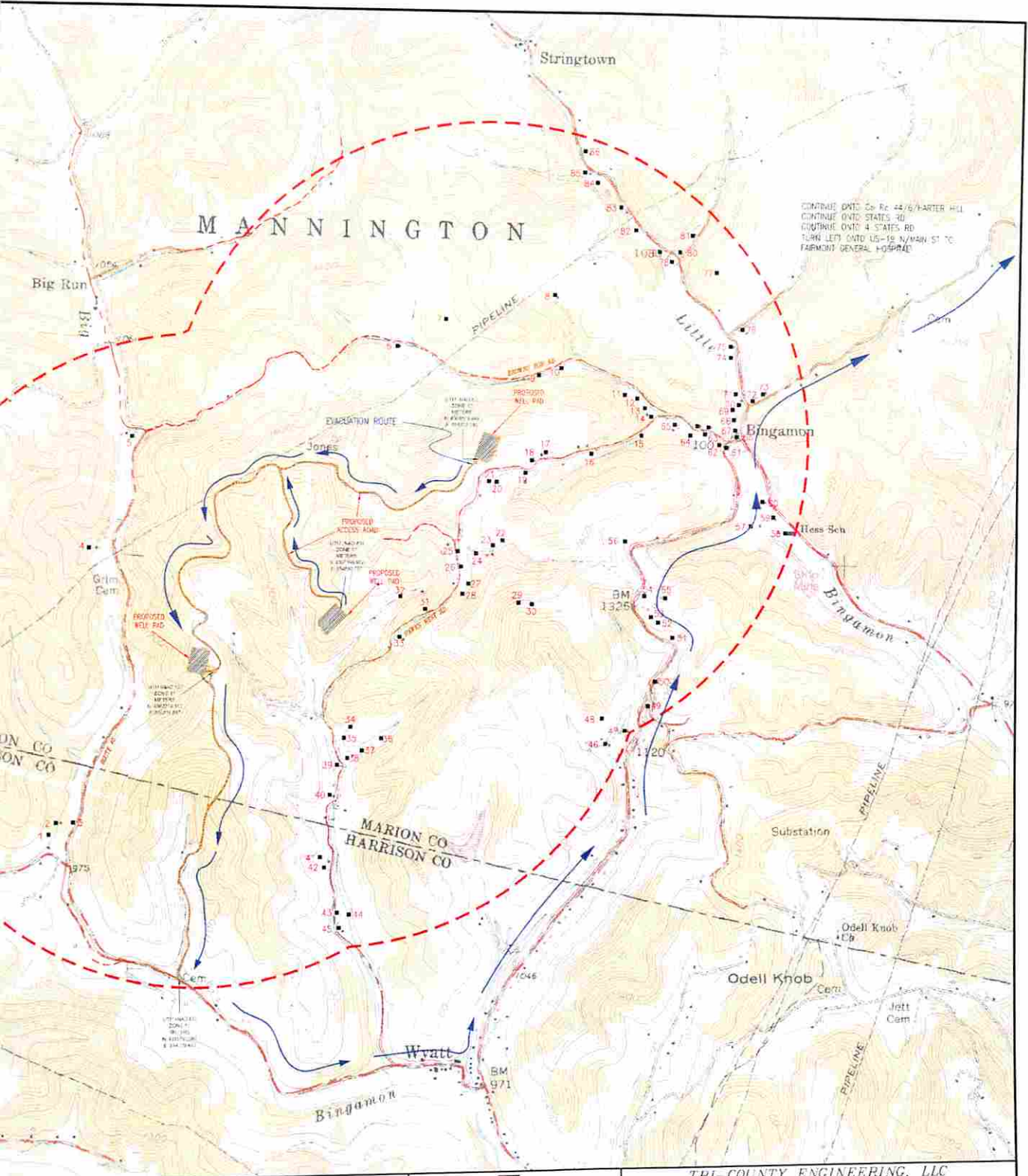
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION MARCELLUS ESTIMATED DEPTH: 7590'/12900'

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

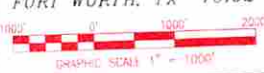
03/06/2015





CONTINUE ONT. CO. R. 44/6/HARTER HILL  
 CONTINUE ONT. STATES RD  
 CONTINUE ONT. 4 STATES RD  
 TURN LEFT ONT. US-16 N/MAIN ST TO  
 FARMONT GENERAL HOSPITAL

**XTO ENERGY**  
 810 HOUSTON STREET  
 FORT WORTH, TX 76102



**TRI-COUNTY ENGINEERING, LLC**  
 319 Paintersville Road  
 Hunter, VA 24089  
 www.tricountyeng.com

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Fax (724) 635-0676

**HUGHES, ROCKWELL & SWEARINGEN WELL PAD AND ACCESS ROAD SAFETY PLAN**

**XTO ENERGY, INC.**  
**MARION & HARRISON COUNTY**  
**WEST VIRGINIA**

DATE: 07/05/14	BY: MANNINGTON & FACIT
SCALE: 1"=1000'	SHEET: 1-1
	DATE: 57-09