

10585

1667

Latitude: 39°27'30"

Longitude: 80°20'00"

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

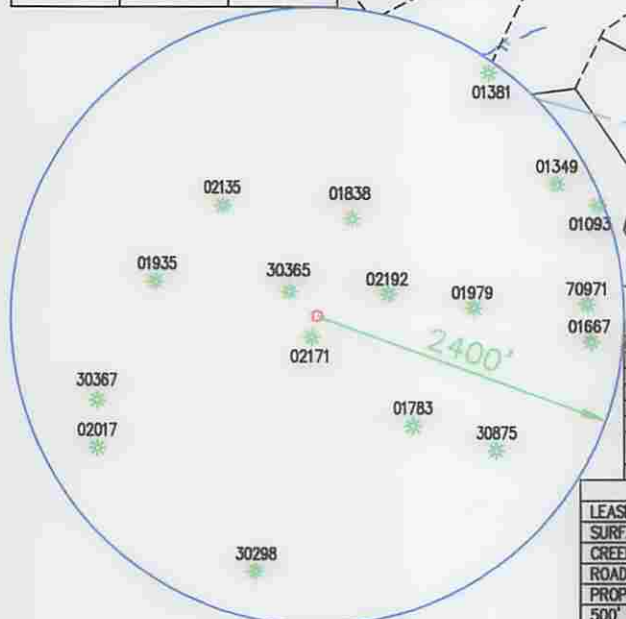
HUGHES 11H LANDING POINT		
STATE PLANE COORDINATES NORTH ZONE - NAD 27 (N) 348567.868 (E) 1754096.245	L.M. DECIMAL NAD 27 (N) 39.455241 (E) 80.367244	UTM (NAD 83) ZONE 17 METERS 4367468 054455

HUGHES 11H BOTTOM HOLE		
STATE PLANE COORDINATES NORTH ZONE - NAD 27 (N) 340182 (E) 1759773	L.M. DECIMAL NAD 27 (N) 39.444805 (E) 80.350641	UTM (NAD 83) ZONE 17 METERS 4366328 050092

HUGHES 11H SURFACE HOLE		
STATE PLANE COORDINATES NORTH ZONE - NAD 27 (N) 348668 (E) 1754096	L.M. DECIMAL NAD 27 (N) 39.453782 (E) 80.370656	UTM (NAD 83) ZONE 17 METERS 4367330 054148

- 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 NONE NAD '27.
 4. WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAVD88.
 5. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARION COUNTY IN DATE OF YEAR AND INFORMATION PROVIDED BY XTO ENERGY INC.
 6. WELLS SHOWN ARE TAKEN FROM RECORDS OF WDEP.

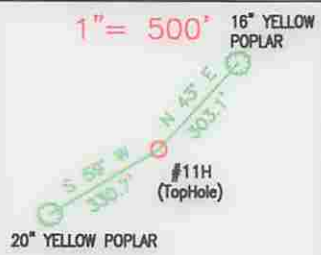
NORTH



LEASE	LESSOR	ACREAGE
1)	FAY C. ROCKWELL	107.50±
2)	PERRY L. HUGHES	39.06±
3)	DAVID ONEY ARNETT	17.22±
4)	BARBARA TETRICK	17.22±
5)	HOMER D. & SHIRLEY E. HAW	18.52±
6)	EMMET E. & SHIRLEY BERRY & JOHN C. & LYDA E. BERRY	147.88±
7)	CONSOLIDATED COAL COMPANY	43.85±

LINE LEGEND	
—	LEASE BOUNDARY
- - -	SURFACE BOUNDARY
— — —	CREEK / STREAM
— — —	ROADS
- - -	PROPOSED LATERAL
- - -	500' LATERAL OFFSET

REFERENCES



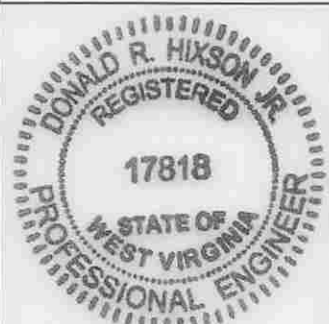
TRI-COUNTY ENGINEERING, LLC

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

FILE # XTO0G57-11
 DRAWING # OG57-11-11H
 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
 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
 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: 1286' (PROPOSED GRADE)

COUNTY/DISTRICT: MARION - MANNINGTON QUADRANGLE SHINNSTON 7.5'

SURFACE OWNER FAYE C. ROCKWELL ACREAGE 107.50±

OIL & GAS ROYALTY OWNER: FAYE C. ROCKWELL ACREAGE 394.55±

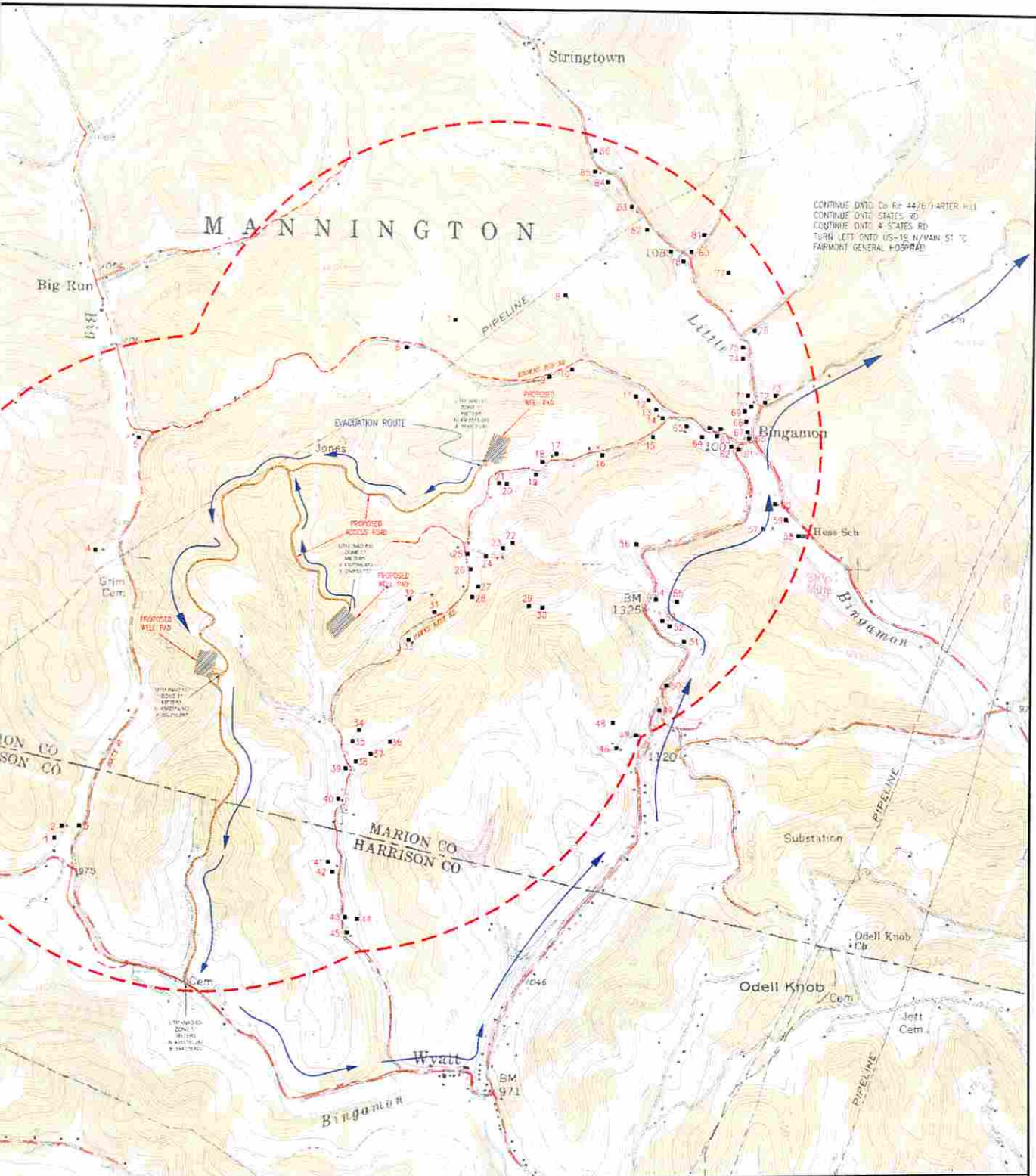
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):

TARGET FORMATION MARCELLUS ESTIMATED DEPTH: 7500' / 14175'

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

03/13/2015



Received
Office of Oil & Gas

OCT 23 2014

XTO ENERGY
810 HOUSTON STREET
FORT WORTH, TX 76102

GRAPHIC SCALE 1" = 1000'

TRI-COUNTY ENGINEERING, LLC
319 Painterzville Road
Hunker, PA 15639
www.tricountyeeng.com

Voice: (724) 635-0216 Fax: (724) 635-0678

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

XTO ENERGY, INC.
MARION & HARRISON COUNTY
WEST VIRGINIA

DESIGNED BY	DATE	PROJECT	SCALE
BMV	07/06/14	MANNINGTON & FACIT MARION & HARRISON, WEST VIRGINIA	1" = 1000'
SHEET		57-09	

Innovative Engineering Solutions Since 1979