

8379'
(Scale: 1" = 2000')

993'

Longitude: 80°20'00"

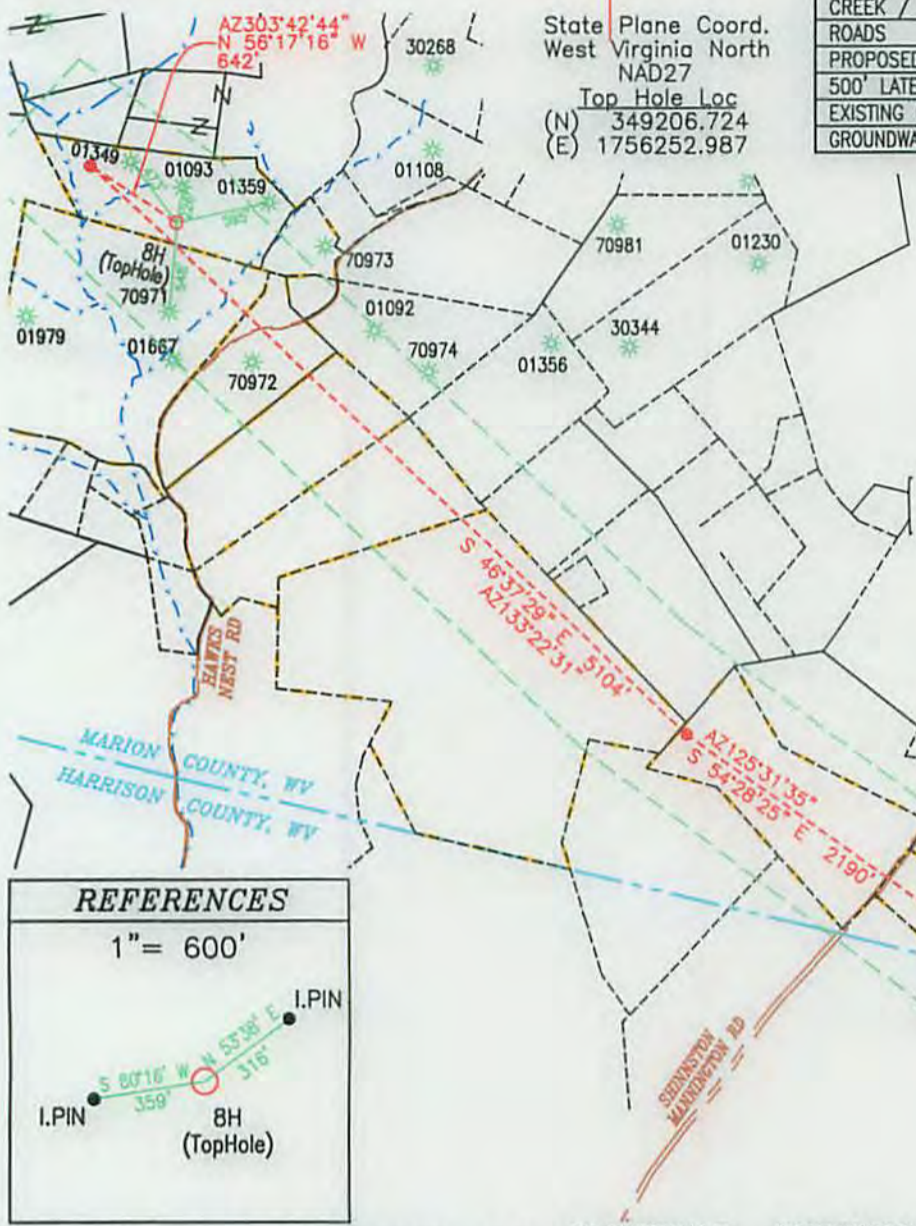
(Scale: 1" = 2000')

ROCKWELL 8H

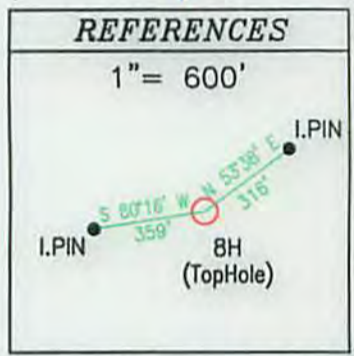
Latitude: 39°27'30"

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

State Plane Coord.
West Virginia North
NAD27
Top Hole Loc
(N) 349206.724
(E) 1756252.987



- 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.



TRI-COUNTY ENGINEERING, LLC 319 PAINTERSVILLE RD. HUNKER, PA 15639 TCE@TRICOUNTYENG.COM (724) 635-0210 **PAGE 1 of 2**

FILE # XTO-OG57
DRAWING # OG57-09-8H
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: Cynthia A. Born
R.P.E.: _____ L.L.S.: 2135



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

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



DATE: 8/27/2015 PLACE SEAL HERE
OPERATOR'S WELL #: ROCKWELL 8H
API WELL #: 47 49 02408
STATE COUNTY PERMIT
HGA

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

WATERSHED: BINGAMON CREEK WATERSHED ELEVATION: 1246' (PROPOSED GRADE)
COUNTY/DISTRICT: MARION/MANNINGTON QUADRANGLE SHINNSTON 7.5'
SURFACE OWNER ALLEN H. ROBINSON ACREAGE 18.3062
OIL & GAS ROYALTY OWNER: ALLEN H. ROBINSON ACREAGE 290.5487

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: 7,500'/15,320'

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

10/23/2015

3382'

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

Longitude: 80°20'00"

(Scale: 1" = 2000')

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.

ROCKWELL 8H

State Plane Coord.
West Virginia North
NAD27

Top Hole Loc
(N) 349206.724
(E) 1756252.987

| LEGEND | |
|-----------------------------------|-----|
| LEASE BOUNDARY | --- |
| SURFACE BOUNDARY | --- |
| CREEK / STREAM | --- |
| ROADS | --- |
| PROPOSED LATERAL | --- |
| 500' LATERAL OFFSET | --- |
| EXISTING GAS WELL | ⊛ |
| GROUNDWATER SOURCE / WATER SUPPLY | ⊕ |

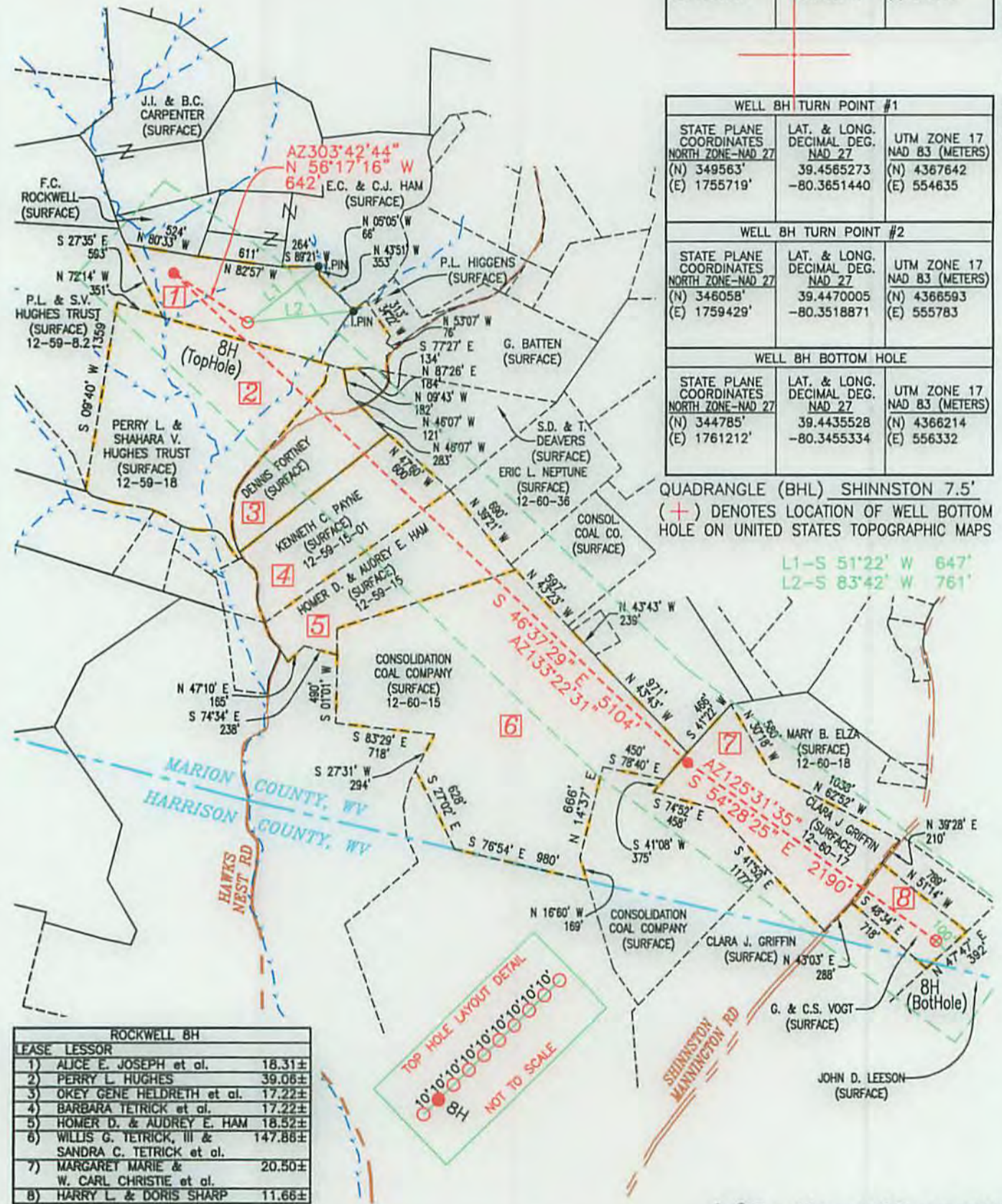
| WELL 8H TOP HOLE | | |
|--|-------------------------------------|--------------------------------|
| STATE PLANE COORDINATES NORTH ZONE-NAD 27 | LAT. & LONG. DECIMAL DEG. NAD 27 | UTM ZONE 17 NAD 83 (METERS) |
| (N) 349207' (E) 1756253' | 39.455563 -80.363241 | (N) 4367536 (E) 554799 |

| WELL 8H TURN POINT #1 | | |
|--|-------------------------------------|--------------------------------|
| STATE PLANE COORDINATES NORTH ZONE-NAD 27 | LAT. & LONG. DECIMAL DEG. NAD 27 | UTM ZONE 17 NAD 83 (METERS) |
| (N) 349563' (E) 1755719' | 39.4565273 -80.3651440 | (N) 4367642 (E) 554635 |

| WELL 8H TURN POINT #2 | | |
|--|-------------------------------------|--------------------------------|
| STATE PLANE COORDINATES NORTH ZONE-NAD 27 | LAT. & LONG. DECIMAL DEG. NAD 27 | UTM ZONE 17 NAD 83 (METERS) |
| (N) 346058' (E) 1759429' | 39.4470005 -80.3518871 | (N) 4366593 (E) 555783 |

| WELL 8H BOTTOM HOLE | | |
|--|-------------------------------------|--------------------------------|
| STATE PLANE COORDINATES NORTH ZONE-NAD 27 | LAT. & LONG. DECIMAL DEG. NAD 27 | UTM ZONE 17 NAD 83 (METERS) |
| (N) 344785' (E) 1761212' | 39.4435528 -80.3455334 | (N) 4366214 (E) 556332 |

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



| ROCKWELL 8H | | |
|-------------|---|---------|
| LEASE | LESSOR | |
| 1) | ALICE E. JOSEPH et al. | 18.31± |
| 2) | PERRY L. HUGHES | 39.06± |
| 3) | OKEY GENE HELDRETH et al. | 17.22± |
| 4) | BARBARA TETRICK et al. | 17.22± |
| 5) | HOMER D. & AUDREY E. HAM | 18.52± |
| 6) | WILLIS G. TETRICK, III & SANDRA C. TETRICK et al. | 147.88± |
| 7) | MARGARET MARIE & W. CARL CHRISTIE et al. | 20.50± |
| 8) | HARRY L. & DORIS SHARP | 11.66± |



API: 47-049-02408 HWA



XTO ENERGY
810 HOUSTON STREET
FORT WORTH, TX 76102

0' 1000'
SCALE: 1" = 1000'

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

Voice: (724) 635-0210
Fax: (724) 635-0876

10/23/2015

| SUPPLEMENTAL SURFACE & LESSOR EXHIBIT | |
|---------------------------------------|--|
| ROCKWELL 8H | |
| DRAWN BY: MRC | MANNINGTON DISTRICT, MARION COUNTY, WEST VIRGINIA |
| DATE: 8/27/15 | FILE NO. OG57-09 |
| SCALE: 1"=1000' | SHEET: 2 OF 2 |