

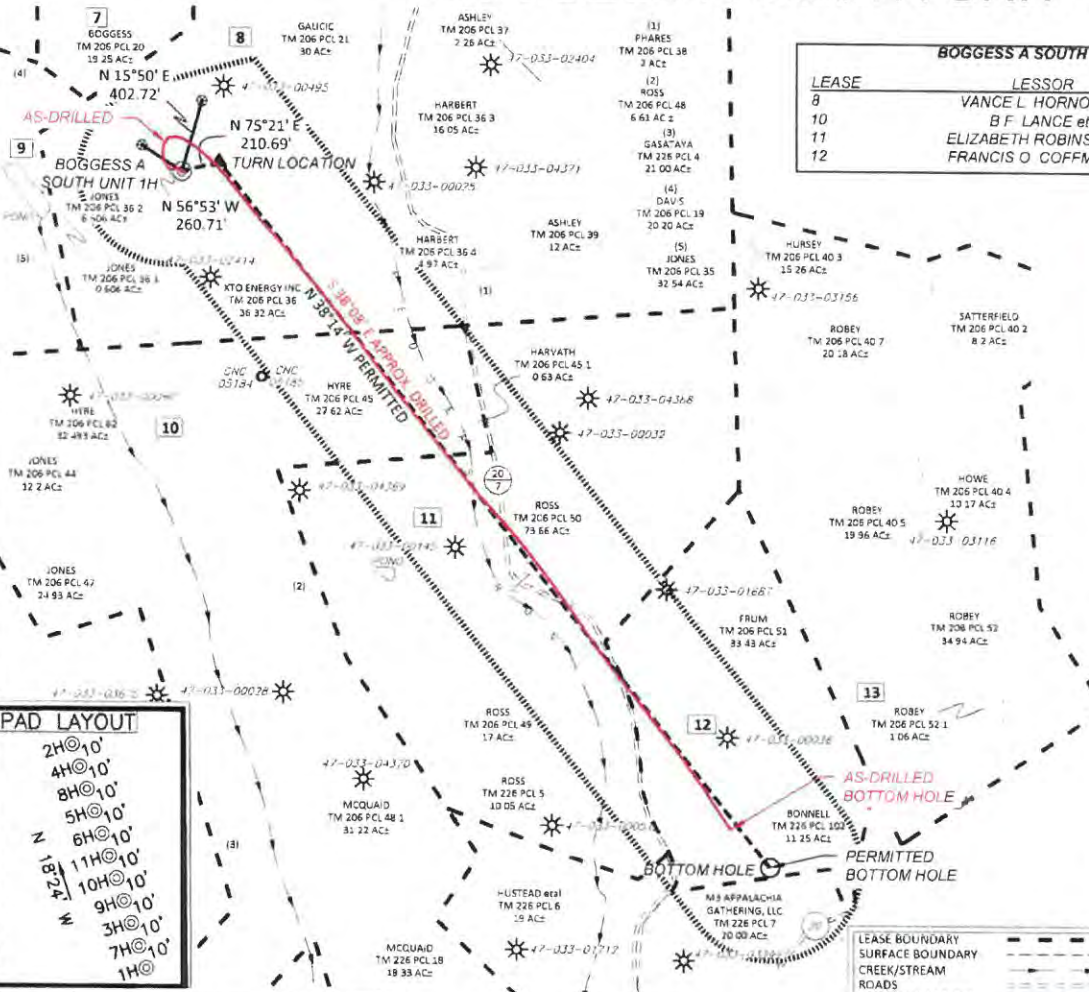
SURVEYED LONGITUDE 80°23'9.6"

3,106'

LATITUDE: 39°25'00"

LONGITUDE 80°22'30"

BOGGESS A SOUTH UNIT 1H

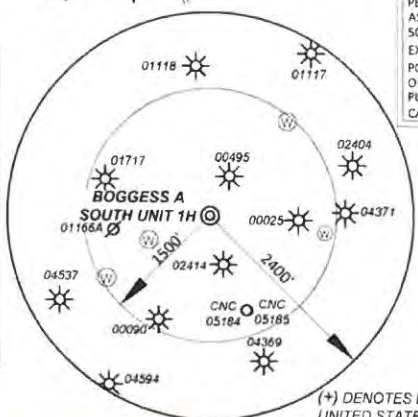
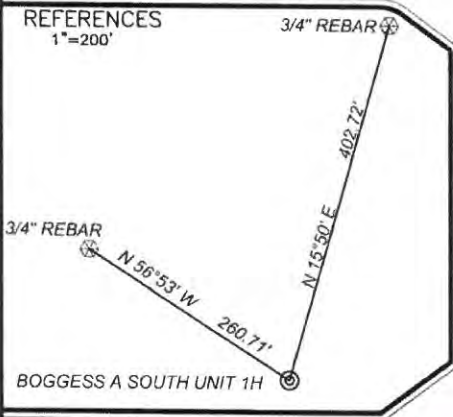


LEASE	LESSOR	ACREAGE
8	VANCE L. HORNOR et al	186.5±
10	B. F. LANCE et al	173.5±
11	ELIZABETH ROBINSON et al	101±
12	FRANCIS O. COFFMAN et al	48±

AS-DRILLED BOGGESS A SOUTH UNIT 1H SURFACE HOLE	AS-DRILLED BOGGESS A SOUTH UNIT 1H BOTTOM HOLE
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 320314 (E) 1749545	STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 316763 (E) 1752539
L & L DECIMAL NAD 27 39.378061 -80.385987	L & L DECIMAL NAD 27 39.366391 80.375273
UTM (NAD 83) ZONE 17 METERS (N) 4358699 (E) 552902	UTM (NAD 83) ZONE 17 METERS (N) 4357633 (E) 553832
PERMITTED BOGGESS A SOUTH UNIT 1H SURFACE HOLE	PERMITTED BOGGESS A SOUTH UNIT 1H BOTTOM HOLE
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 320314 (E) 1749545	STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 316555 (E) 1752752
L & L DECIMAL NAD 27 39.378061 -80.385986	L & L DECIMAL NAD 27 39.365828 -80.374511
UTM (NAD 83) ZONE 17 METERS (N) 4358699 (E) 552902	UTM (NAD 83) ZONE 17 METERS (N) 4357570 (E) 553899

PAD LAYOUT

2H@10'
4H@10'
8H@10'
5H@10'
6H@10'
11H@10'
10H@10'
9H@10'
3H@10'
7H@10'
1H@10'



NOTES ON SURVEY

- NO OCCUPIED DWELLINGS OR BUILDINGS 2500 SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY WITHIN 625 OF THE CENTER OF THE WELL PAD WERE OBSERVED
- NO WATER WELLS OR DEVELOPED SPRINGS USED FOR HUMAN OR DOMESTIC ANIMAL CONSUMPTION WERE FOUND WITHIN 250'
- SURFACE OWNERSHIP TAKEN FROM THE HARRISON COUNTY TAX ASSESSOR AND COUNTY CLERK OFFICES IN JULY, 2014. WELL LATITUDE AND LONGITUDE FROM SURVEY GRADE (OPUS SOLUTION)
- TIES TO CORNERS AND REFERENCES BASED ON WV STATE PLANE COORDINATE SYSTEM, NAD 27 NORTH ZONE. LEASE INFORMATION PROVIDED BY XTO ENERGY, INC.

- LEAVE**
- LEASE BOUNDARY
 - SURFACE BOUNDARY
 - CREEK/STREAM
 - ROADS
 - PERMITTED LATERAL
 - AS-DRILLED LATERAL
 - 500' LATERAL OFFSET
 - EXISTING GAS/OIL WELLS
 - POSSIBLE WATER WELL OR OTHER SOURCE
 - PLUGGED GAS WELL
 - CANCELLED PERMIT

TOP HOLE WELL No. BOGGESS A SOUTH UNIT 1H

99 Cambridge Place Bridgeport, WV 26330
Toll Free 855-488-9539
Fax 304-933-3327



Civil & Environmental Consultants, Inc.

DATE AUGUST 13, 2015
SCALE 1" = 1000' ACCURACY 1/2500
OPERATORS WELL No. BOGGESS A SOUTH UNIT 1H (AS-DRILLED)
47 - 033 - 05729
API No.



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 the rules issued and prescribed by the Division of Environmental Protection.

Richard E. Adams

TYPE OF WELL:

GAS: Production Storage *Deep *Shallow

PROPOSED WORK ON LOCATION:
Drill Drill Deeper Redrill Convert
Fracture/ Stimulate *Plug off to Formation
Perforate New Formation Plug and Abandon
Clean/ Replug Other Than Above
If "Other" Please see Details below—
DETAILS OF PROPOSED WORK _____

*TARGET FORMATION MARCELLUS
ACTUAL DEPTH TVD: 7,122', TMD: 11,738'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL AREA & LOCATION INFORMATION:
ELEVATION SOURCE GPS (OPUS)
ELEVATION 1183'
WATERSHED REESES RUN DISTRICT EAGLE
COUNTY HARRISON TOPO QUAD WALLACE
SURFACE OWNER XTO ENERGY INC.
ACREAGE 36.32 ±
ROYALTY OWNER VANCE L. HORNOR, G.P. HORNOR, J.H. HORNOR, M.L. HORNOR, V.L. HORNOR INVESTMENT COMPANY, et al
LEASE ACREAGE 509 ±

WELL OPERATOR XTO ENERGY INC.
ADDRESS 810 HOUSTON STREET
FORT WORTH, TEXAS 76102

DESIGNATED AGENT GARY BEALL
ADDRESS P.O. BOX 1008
JANE LEW, WV 26385

SURVEYED LATITUDE 39°22'33.8"