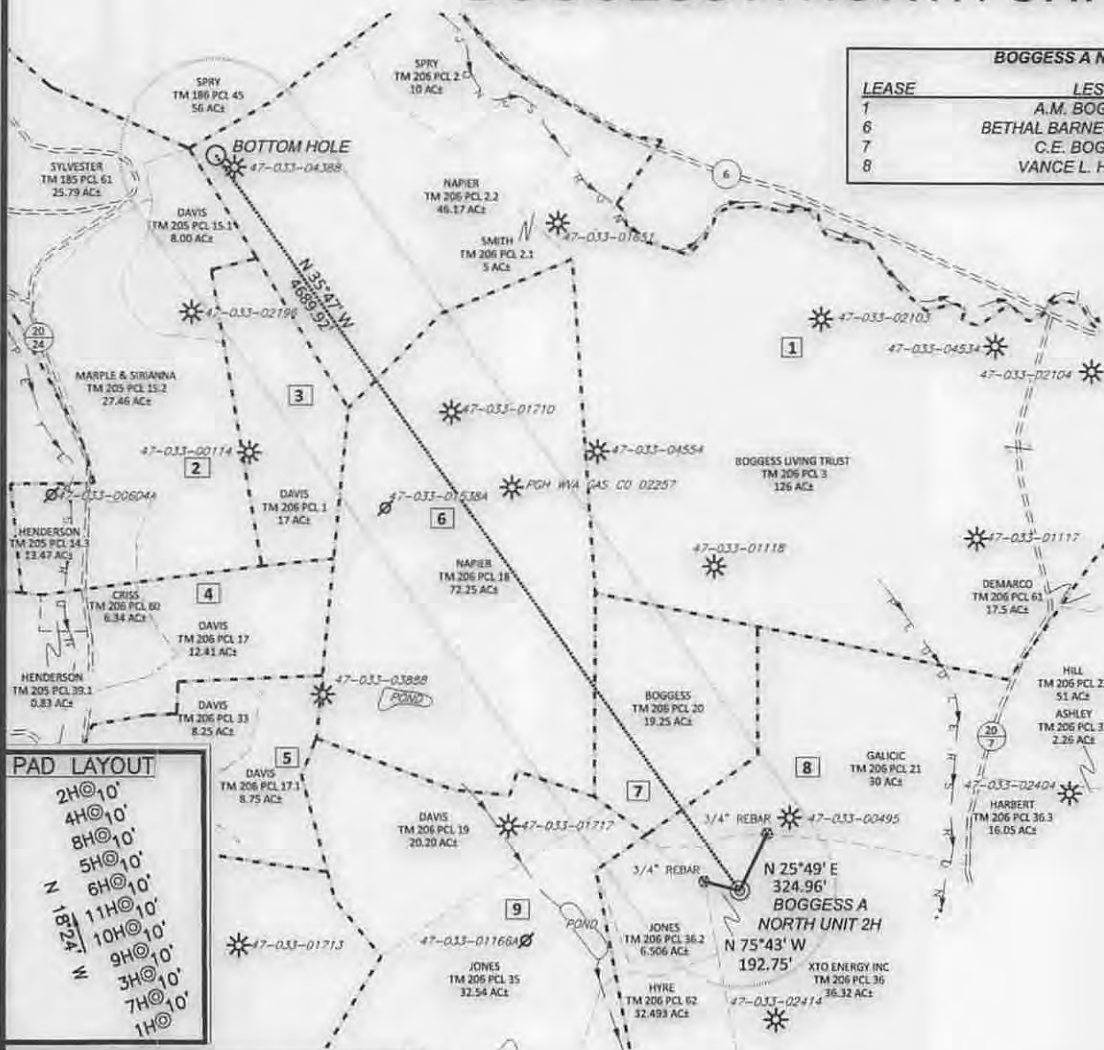


BOGGESS A NORTH UNIT 2H

LEASE	LESSOR	ACREAGE
1	A.M. BOGGESS et al	180.75±
6	BETHAL BARNES HELDRETH et al	72±
7	C.E. BOGGESS et al	20±
8	VANCE L. HORNOR et al	186.5±



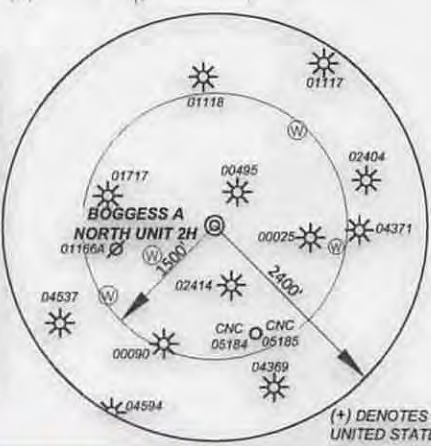
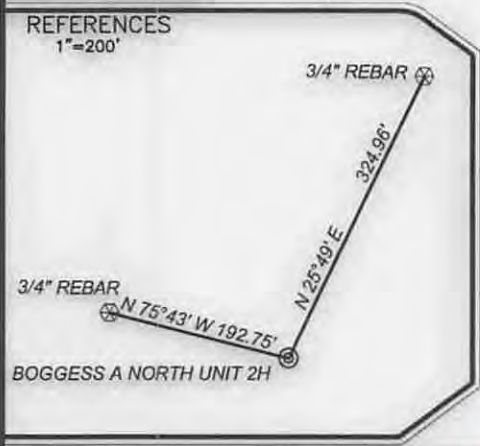
BOGGESS A NORTH UNIT 2H SURFACE HOLE	BOGGESS A NORTH UNIT 2H BOTTOM HOLE
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 320409 (E) 1749513	STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 324213 (E) 1746771
L & L DECIMAL NAD 27 39.3763194 80.3861020	L & L DECIMAL NAD 27 39.3856807 80.3959372
UTM (NAD 83) ZONE 17 METERS (N) 4358728 (E) 552882	UTM (NAD 83) ZONE 17 METERS (N) 4359673 (E) 552037

- 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.

PAD LAYOUT

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

N 182°A
N



LEASE BOUNDARY	---
SURFACE BOUNDARY	---
CREEK/STREAM	~
ROADS	==
PROPOSED LATERAL	---
500' LATERAL OFFSET	---
EXISTING GAS/OIL WELLS	⊙
POSSIBLE WATER WELL OR OTHER SOURCE	⊙
PLUGGED WELL	⊙
CANCELLED PERMIT	⊙



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



Civil & Environmental Consultants, Inc.

DATE JAN. 26, 2015

SCALE 1" = 1000' ACCURACY 1/2500

OPERATORS WELL No. BOGGESS A NORTH UNIT 2H

47 - 033 - 05840 H6A
API No.

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

ESTIMATED DEPTH TVD: 7,100', TMD: 11,200'

WELL OPERATOR XTO ENERGY INC.

ADDRESS 810 HOUSTON STREET
FORT WORTH, TEXAS 76102

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

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 459.25 ±

DESIGNATED AGENT GARY BEALL

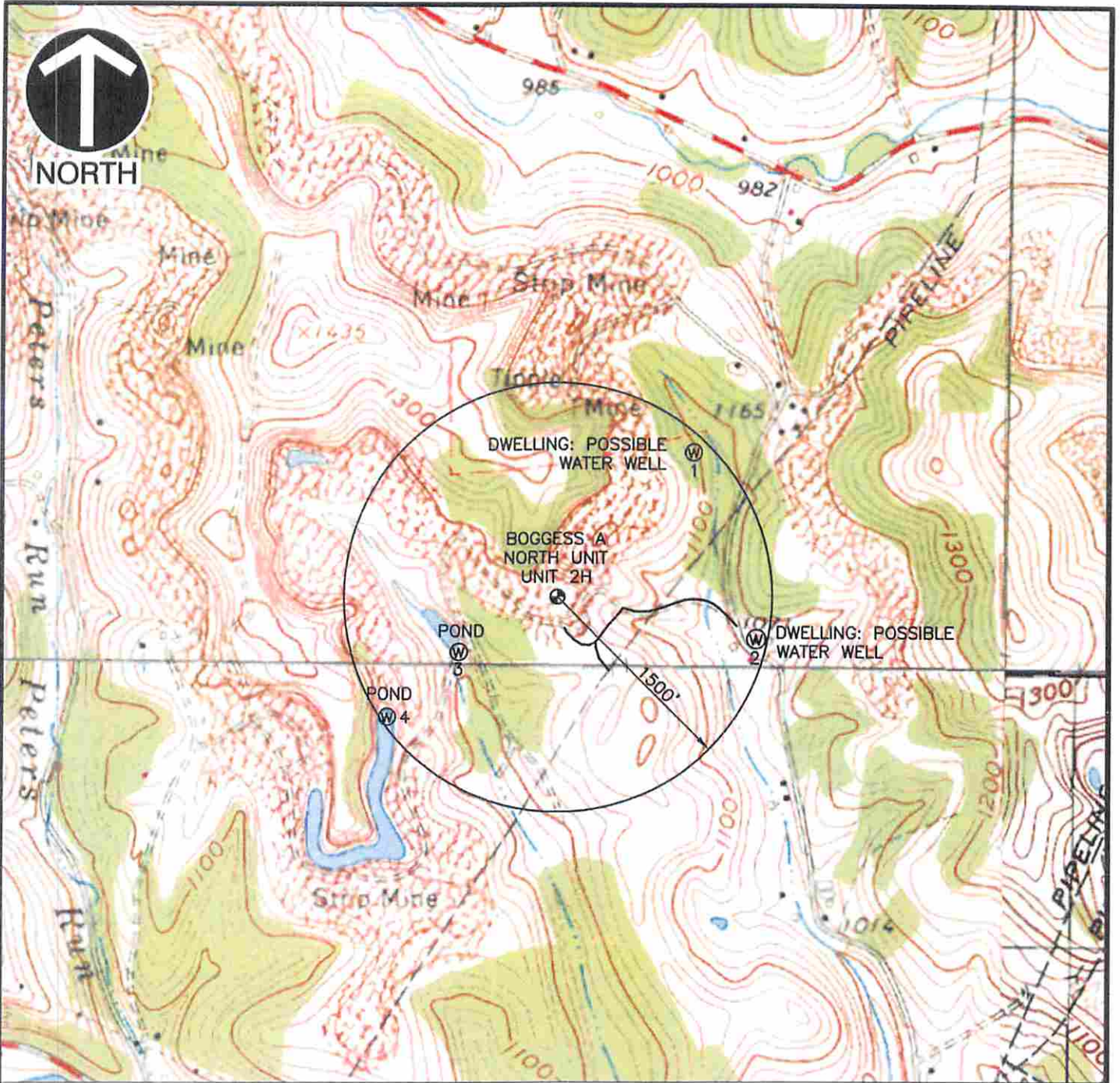
ADDRESS P.O. BOX 100B
JANE LEW, WV 26385

02/13/2015

SURVEYED LATITUDE 39°22'34.8"



NORTH



REFERENCE

1. TOPOGRAPHIC INFORMATION BASED UPON BOGCESS UNIT. SURVEY CONDUCTED BY ADAMS LAND SURVEYING, PLLC IN SEPT. 07, 2012 AND UPDATED BY CIVIL AND ENVIRONMENTAL CONSULTANTS, INC. ON SEPT 03, 2014.
2. U.S.G.S. 7.5' TOPOGRAPHIC MAP, WALLACE QUADRANGLE, WV. DATED: 1960, PHOTOREVISED: 1978

SCALE IN FEET



Civil & Environmental Consultants, Inc.

99 Cambridge Place - Bridgeport, WV 26330
Ph: 304.933.3119 · Fax: 304.933.3327
www.cecinc.com

XTO ENERGY INC.
BOGCESS A UNIT
EAGLE DISTRICT
HARRISON COUNTY, WV

WATERSHED: REESE'S RUN, A TRIBUTARY OF
TENMILE CREEK

DRAWN BY: DAM	CHECKED BY: REA	APPROVED BY: DEM	FIGURE NO: 142-355
DATE: SEPT. 3, 2014	DWG SCALE: 1"=1000'	PROJECT NO: 142-355	File of Oil & Gas

OCT 06 2014

P:\2014\142-355\CADD\DWG\142355-SRV-WELL PLAT 2H-WATER TOPO.dwg[2H WATER TOPO] LS:(9/4/2014 - dmartinez) - LP: 9/5/2014 1:31 PM