

SURVEYED LONGITUDE 80°23'09.6"

3,109'

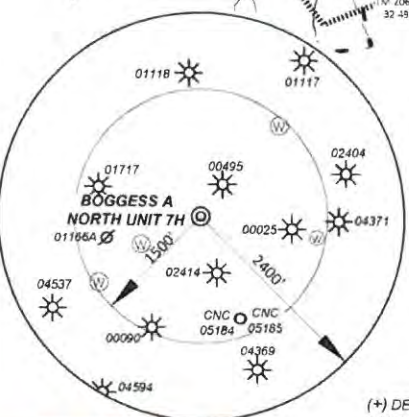
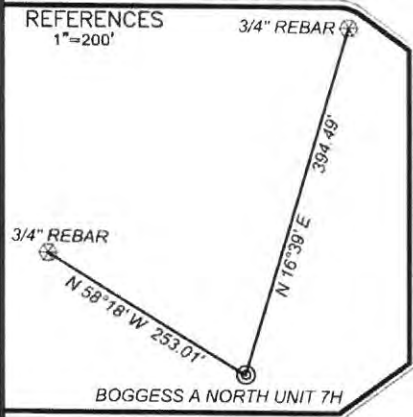
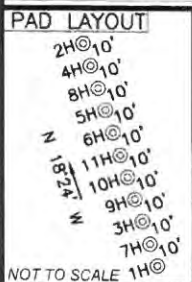
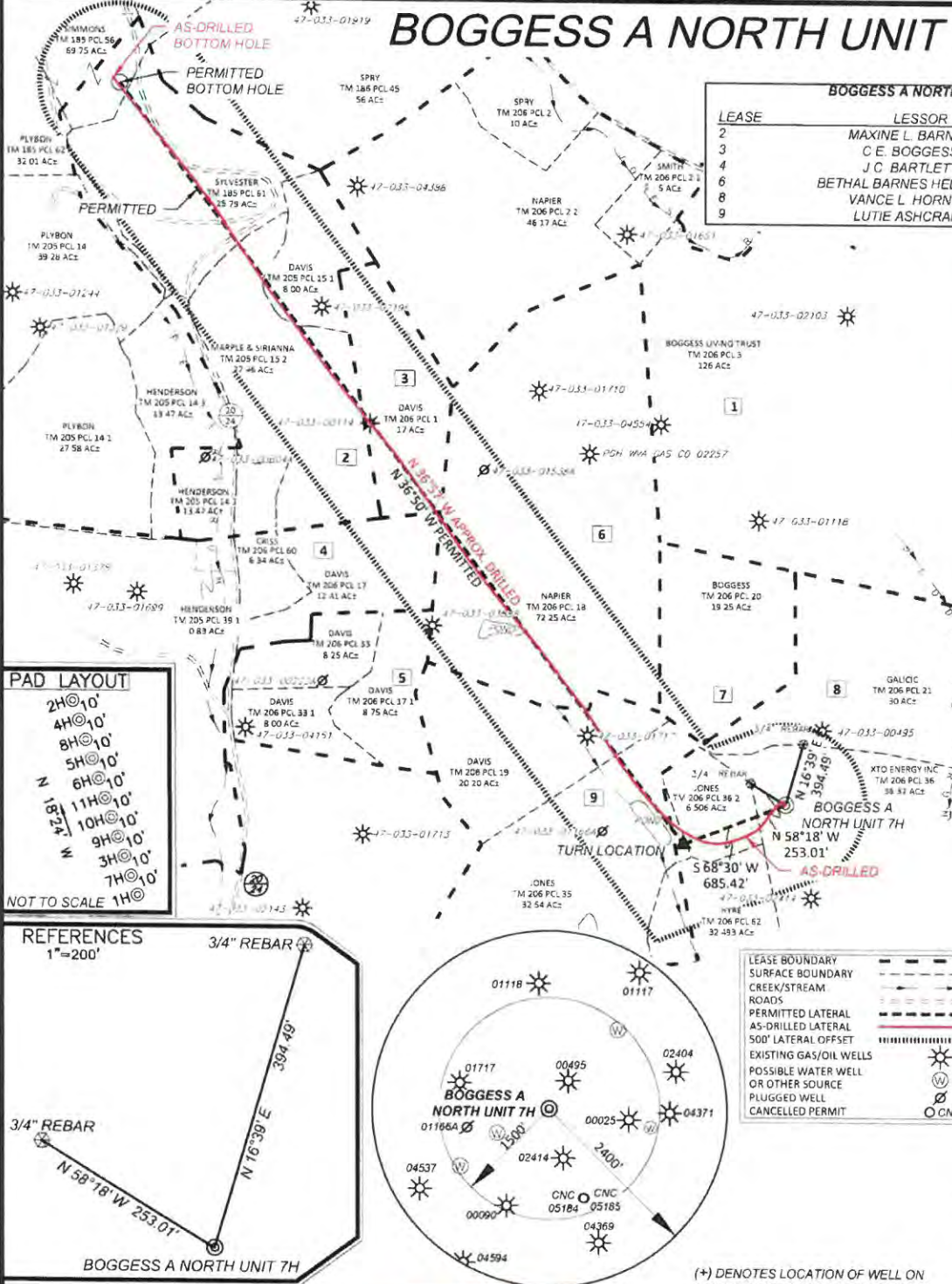
LATITUDE: 39°25'00"

LONGITUDE: 80°22'30"

BOGGESS A NORTH UNIT 7H

LEASE	LESSOR	ACREAGE
2	MAXINE L. BARNES et al	71.74±
3	C. E. BOGGESS et al	19.25±
4	J. C. BARTLETT et al	25±
6	BETHAL BARNES HELDRETH et al	72±
8	VANCE L. HORNOR et al	186.5±
9	LUTIE ASHCRAFT et al	57±

AS-DRILLED BOGGESS A NORTH UNIT 7H SURFACE HOLE	AS-DRILLED BOGGESS A NORTH UNIT 7H BOTTOM HOLE
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 320323 (E) 1749542	STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 324810 (E) 1745340
L & L DECIMAL NAD 27 39 376085 -80 385998	L & L DECIMAL NAD 27 39 388298 -80 401020
UTM (NAD 83) ZONE 17 METERS (N) 4358702 (E) 552901	UTM (NAD 83) ZONE 17 METERS (N) 4360048 (E) 551598
PERMITTED BOGGESS A NORTH UNIT 7H SURFACE HOLE	PERMITTED BOGGESS A NORTH UNIT 7H BOTTOM HOLE
STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 320323 (E) 1749542	STATE PLANE COORDINATES NORTH ZONE-NAD 27 (N) 324774 (E) 1745392
L & L DECIMAL NAD 27 39 376086 -80 385997	L & L DECIMAL NAD 27 39 388193 -80.400869
UTM (NAD 83) ZONE 17 METERS (N) 4358702 (E) 552901	UTM (NAD 83) ZONE 17 METERS (N) 4360037 (E) 551611



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 WELL	⊙
CANCELLED PERMIT	⊙

- 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.

600 Marketplace, Suite 200
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 BOGGESS A NORTH UNIT 7H (AS-DRILLED)
WELL No. 47 - 033 - 05843
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
ACTUAL DEPTH TVD: 7,070' TMD: 13,166'

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 406.49 ±

DESIGNATED AGENT GARY BEALL
ADDRESS P.O. BOX 100B
JANE LEW, WV 26385

SURVEYED LATITUDE 39°22'33.9"