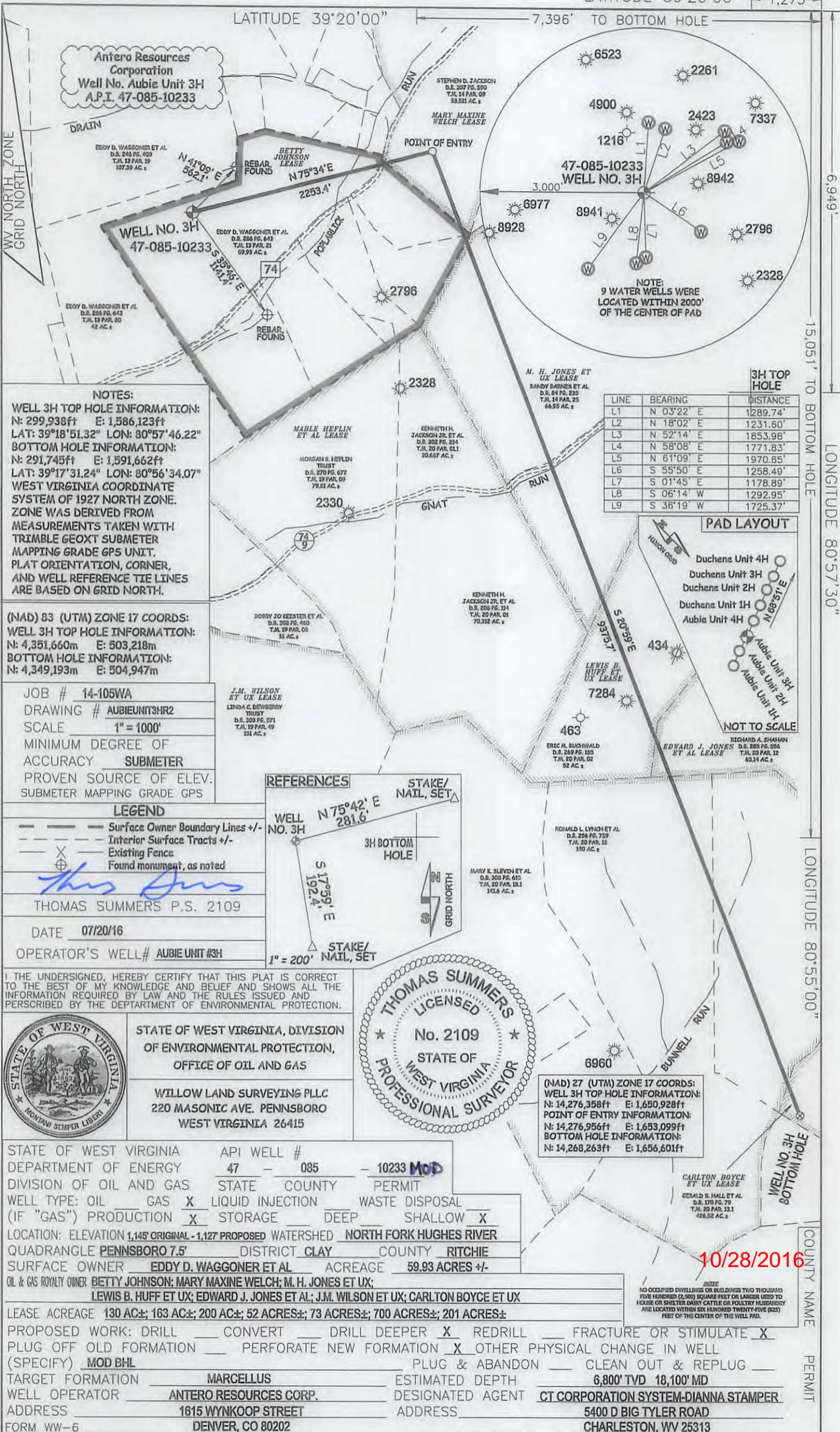


LATITUDE 39°20'00" | 1,275'

LATITUDE 39°20'00" | 7,396' TO BOTTOM HOLE



6,949'

LONGITUDE 80°57'30"

LONGITUDE 80°55'00"

COUNTY NAME

PERMIT

Antero Resources Corporation  
Well No. Aubie Unit 3H  
A.P.I. 47-085-10233

WELL NO. 3H  
47-085-10233

47-085-10233  
WELL NO. 3H

NOTE:  
9 WATER WELLS WERE  
LOCATED WITHIN 2000'  
OF THE CENTER OF PAD

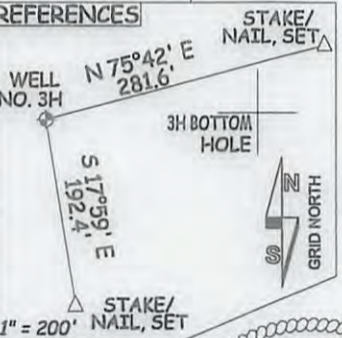
**NOTES:**  
WELL 3H TOP HOLE INFORMATION:  
N: 299,938ft E: 1,586,123ft  
LAT: 39°18'51.32" LON: 80°57'46.22"  
BOTTOM HOLE INFORMATION:  
N: 291,745ft E: 1,591,662ft  
LAT: 39°17'31.24" LON: 80°56'34.07"  
WEST VIRGINIA COORDINATE  
SYSTEM OF 1927 NORTH ZONE.  
ZONE WAS DERIVED FROM  
MEASUREMENTS TAKEN WITH  
TRIMBLE GEOXT SUBMETER  
MAPPING GRADE GPS UNIT.  
PLAT ORIENTATION, CORNER,  
AND WELL REFERENCE TIE LINES  
ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 3H TOP HOLE INFORMATION:  
N: 4,351,660m E: 503,218m  
BOTTOM HOLE INFORMATION:  
N: 4,349,193m E: 504,947m

JOB # 14-105WA  
DRAWING # AUBIEUNIT3HR2  
SCALE 1" = 1000'  
MINIMUM DEGREE OF  
ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV.  
SUBMETER MAPPING GRADE GPS

**LEGEND**  
--- Surface Owner Boundary Lines +/-  
--- Interior Surface Tracts +/-  
--- Existing Fence  
⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109  
DATE 07/20/16  
OPERATOR'S WELL# AUBIE UNIT #3H



LINE	BEARING	DISTANCE
L1	N 03°22' E	1289.74'
L2	N 18°02' E	1231.60'
L3	N 52°14' E	1853.98'
L4	N 58°08' E	1771.83'
L5	N 61°09' E	1970.65'
L6	S 55°50' E	1258.49'
L7	S 01°45' E	1178.89'
L8	S 06°14' W	1292.95'
L9	S 36°19' W	1725.37'

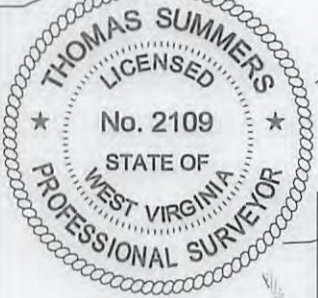


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO  
WEST VIRGINIA 26415



(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 3H TOP HOLE INFORMATION:  
N: 14,276,358ft E: 1,650,928ft  
POINT OF ENTRY INFORMATION:  
N: 14,276,956ft E: 1,653,099ft  
BOTTOM HOLE INFORMATION:  
N: 14,268,263ft E: 1,656,601ft

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS

API WELL # 47 - 085 - 10233 **MOD**

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW

LOCATION: ELEVATION 1,145' ORIGINAL - 1,127' PROPOSED WATERSHED NORTH FORK HUGHES RIVER  
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER EDDY D. WAGGONER ET AL ACREAGE 59.93 ACRES +/-  
OIL & GAS ROYALTY OWNER BETTY JOHNSON; MARY MAXINE WELCH; M. H. JONES ET UX;  
LEWIS B. HUFF ET UX; EDWARD J. JONES ET AL; J.M. WILSON ET UX; CARLTON BOYCE ET UX

NOTE:  
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND  
FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO  
HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY  
ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625)  
FEET OF THE CENTER OF THE WELL PAD.

10/28/2016

LEASE ACREAGE 130 AC±; 163 AC±; 200 AC±; 52 ACRES±; 73 ACRES±; 700 ACRES±; 201 ACRES±

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER  REDRILL \_\_\_ FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL  
(SPECIFY) **MOD BHL** PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_

TARGET FORMATION **MARCELLUS** ESTIMATED DEPTH **6,800' TVD 18,100' MD**

WELL OPERATOR **ANTERO RESOURCES CORP.** DESIGNATED AGENT **CT CORPORATION SYSTEM-DIANNA STAMPER**

ADDRESS **1615 WYNKOOP STREET** ADDRESS **5400 D BIG TYLER ROAD**  
**DENVER, CO 80202** **CHARLESTON, WV 25313**

MODIFICATION