

LATITUDE 39°12'30"

3,236'

8,617' TO BOTTOM HOLE

LATITUDE 39°12'30"

LONGITUDE 80°52'30"

6,856'

13,404' TO BOTTOM HOLE

LONGITUDE 80°55'00"

Antero Resources  
Appalachian Corporation  
Well No. Harris Unit 2H

CHRISTOPHER A. SMITH  
D.B. 245 PG. 148  
T.M. 13 PAR. 18  
41.75 AC ±

O'NEILL FAMILY TRUST ET AL  
D.B. 300 PG. 901  
T.M. 13 PAR. 23  
300.45 AC ±

WELL NO. 2H  
N 69°20' E  
1076.9'  
N 73°55' E  
1127.5'

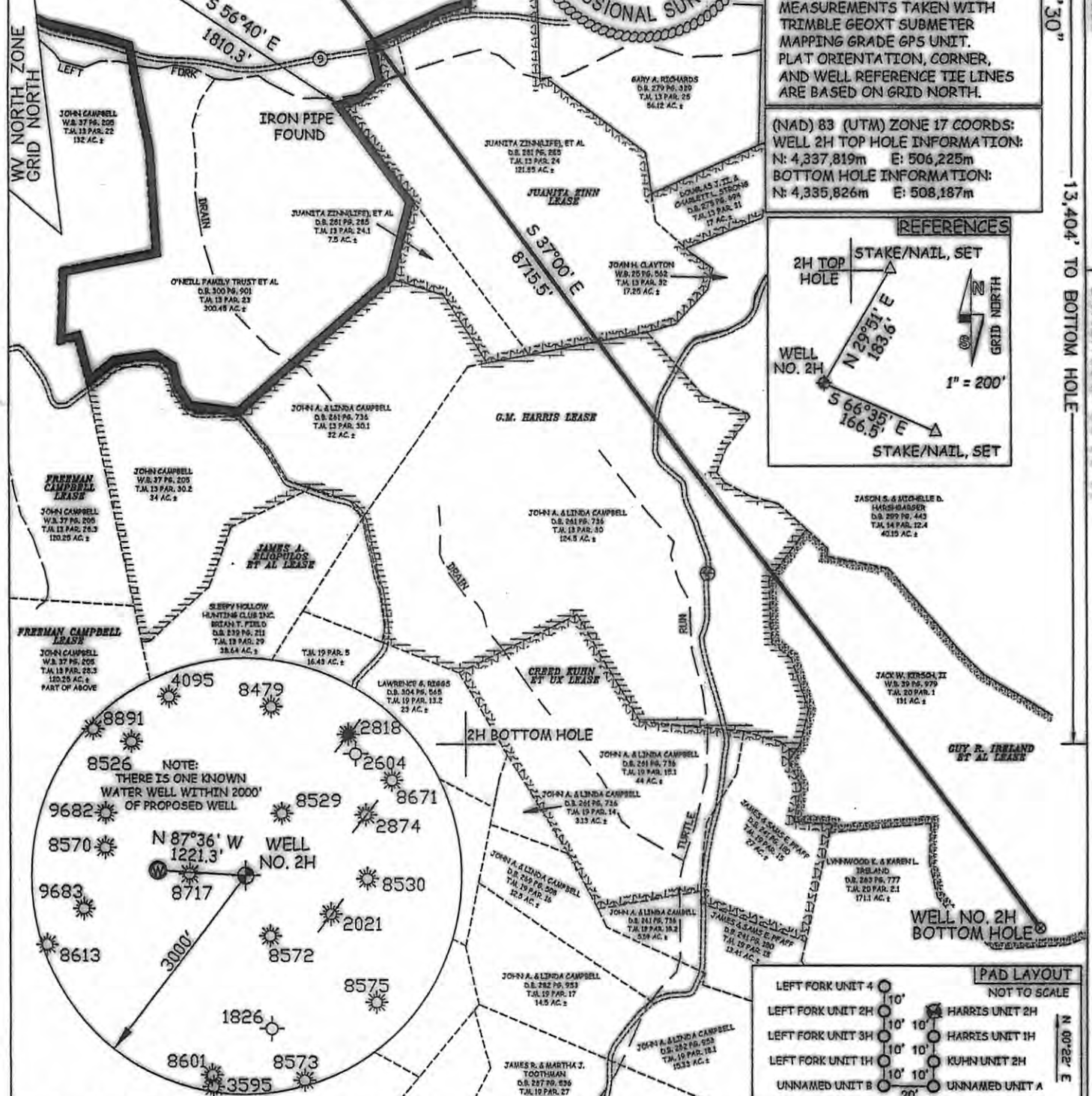
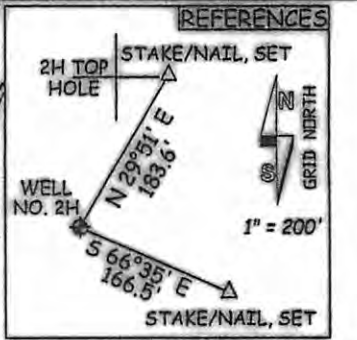
LANDING POINT  
N 254.663  
E 1096.316

O'NEILL FAMILY TRUST  
ET AL LEASE

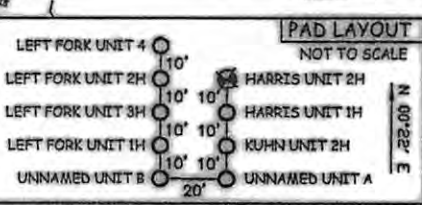
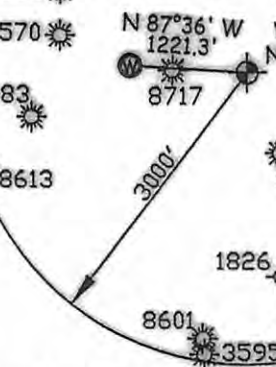


NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 254,351ft E: 1,595,233ft  
LAT: 39°11'22.24" LON: 80°55'41.10"  
BOTTOM HOLE INFORMATION:  
N: 247,703ft E: 1,601,561ft  
LAT: 39°10'17.52" LON: 80°54'19.41"  
WEST VIRGINIA COORDINATE  
SYSTEM OF 1927 NORTH ZONE.  
ZONE WAS DERIVED FROM  
MEASUREMENTS TAKEN 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 2H TOP HOLE INFORMATION:  
N: 4,337,819m E: 506,225m  
BOTTOM HOLE INFORMATION:  
N: 4,335,826m E: 508,187m



NOTE:  
THERE IS ONE KNOWN  
WATER WELL WITHIN 2000'  
OF PROPOSED WELL



JOB # 12-051WA  
DRAWING # HARRIS2H  
SCALE 1" = 1000'  
MINIMUM DEGREE OF  
ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV.  
SUBMETER MAPPING GRADE 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 THE REGULATIONS ISSUED AND  
PRESCRIBED 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

LEGEND  
----- Surface Owner Boundary Lines +/-  
----- Interior Surface Tracts +/-  
----- Existing Fence  
⊕ Found monument, as noted  
DOUGLAS R. ROWE P.S. 2202

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS  
WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
LOCATION: ELEVATION 1,022' WATERSHED LEFT FORK  
QUADRANGLE PULLMAN 7.5'

DATE 08/17/12  
OPERATOR'S WELL# HARRIS UNIT #2H  
API WELL # 47 - 085 - 10003164  
STATE COUNTY PERMIT  
**CANCELLED**

SURFACE OWNER O'NEILL FAMILY TRUST ET AL  
OIL & GAS ROYALTY OWNER O'NEILL FAMILY TRUST ET AL; JUANITA ZINN;  
G.M. HARRIS; GUY R. IRELAND ET AL  
PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL  
(SPECIFY) \_\_\_ PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 16,700' MD

DISTRICT UNION COUNTY RITCHIE  
ACREAGE 300.45 ACRES +/-  
LEASE ACREAGE 300 ACRES +/-; 153.5 ACRES +/-  
200 ACRES +/-; 222 ACRES +/-  
DIANNA STAMPER  
CT CORPORATION SYSTEM  
5400 D BIG TYLER ROAD  
CHARLESTON, WV 25313

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP.  
ADDRESS 1625 17TH STREET  
DENVER, CO 80202

DESIGNATED AGENT  
ADDRESS