

LATITUDE 39°20'00"

7,510'

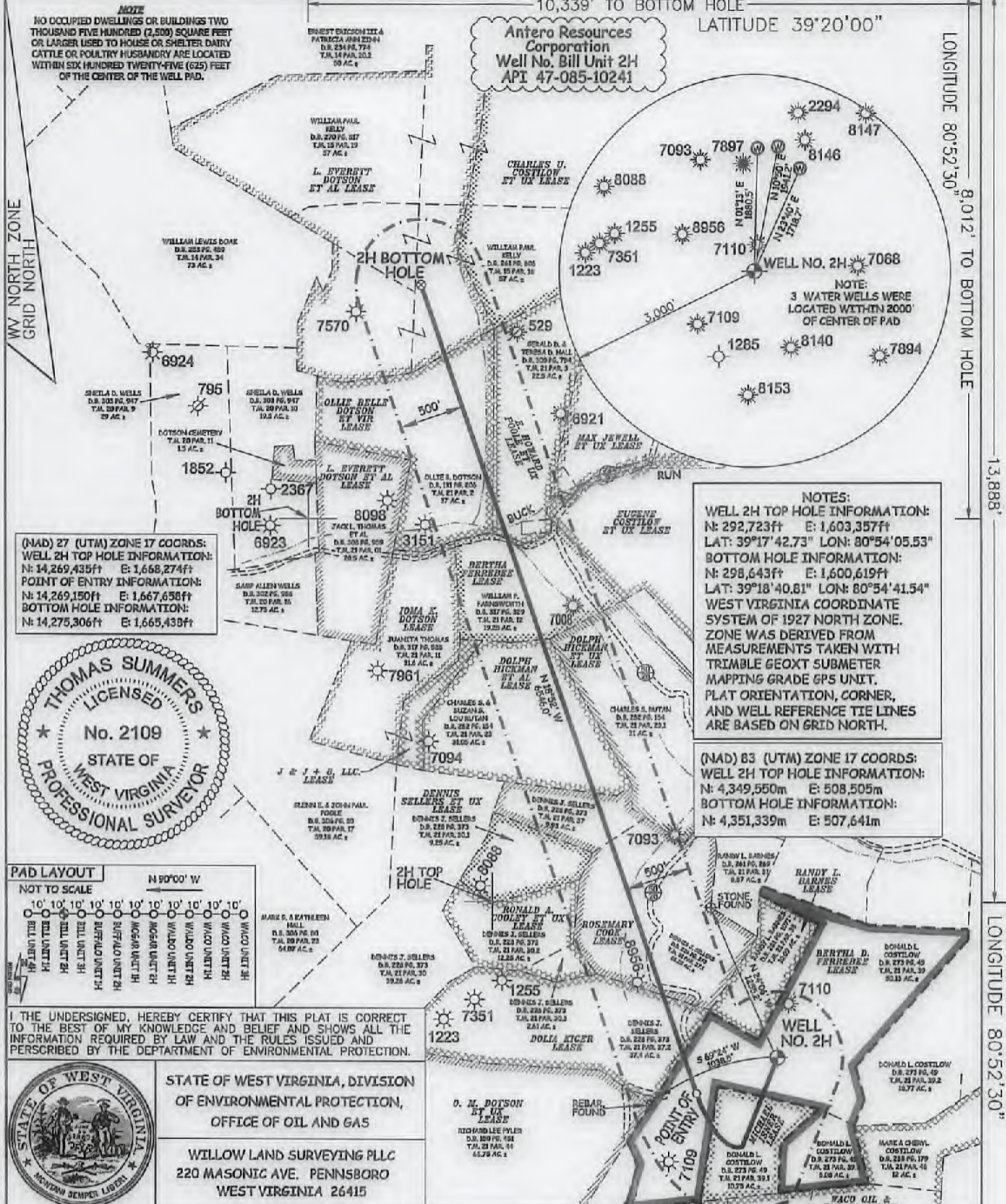
10,339' TO BOTTOM HOLE

LATITUDE 39°20'00"

LONGITUDE 80°52'30"

8,012' TO BOTTOM HOLE

LONGITUDE 80°52'30"



**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.

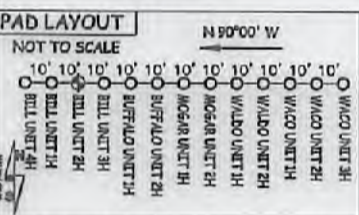
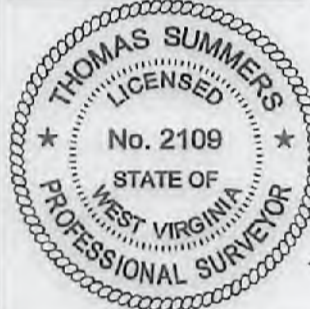
**Antero Resources Corporation**  
Well No. Bill Unit 2H  
API 47-085-10241

**NOTE:**  
3 WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF PAD

**NOTES:**  
WELL 2H TOP HOLE INFORMATION:  
N: 292,723ft E: 1,603,357ft  
LAT: 39°17'42.73" LON: 80°54'05.53"  
BOTTOM HOLE INFORMATION:  
N: 298,643ft E: 1,600,619ft  
LAT: 39°18'40.81" LON: 80°54'41.54"  
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: 4,349,550m E: 508,505m  
BOTTOM HOLE INFORMATION:  
N: 4,351,339m E: 507,641m

(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 14,269,435ft E: 1,658,274ft  
POINT OF ENTRY INFORMATION:  
N: 14,269,150ft E: 1,667,658ft  
BOTTOM HOLE INFORMATION:  
N: 14,275,306ft E: 1,665,439ft



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

JOB # 15-029WA	<b>LEGEND</b>	<b>REFERENCES</b>
DRAWING # BILL2HR2	--- Surface Owner Boundary Lines +/-	
SCALE 1" = 1000'	- - - Interior Surface Tracts +/-	
MINIMUM DEGREE OF ACCURACY SUBMETER	- x - x - Existing Fence	
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS	⊕ Found monument, as noted	
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	THOMAS SUMMERS P.S. 2109	
	DATE 02/12/18	
	OPERATOR'S WELL# BILL UNIT 2H	
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 085 - 10241		
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT		
LOCATION: ELEVATION 1,221' - AS BUILT WATERSHED NORTH FORK HUGHES RIVER		
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE 06/15/2018		
SURFACE OWNER DONALD L. COSTLOW ACREAGE 50.13 ACRES +/-		
OIL & GAS ROYALTY OWNER BERTHA D. FERREBEE; MICHAEL ISNER; DOLIA KIGER; LEASE ACREAGE 87 AC.±; 10.75 AC.±; 40 AC.±;		
ROSEMARY COOK; DOLPH HICKMAN ET AL; BERTHA FERREBEE; 39 AC.±; 26.52 AC.±; 20 AC.±;		
E. HOWARD POOLE ET UX; OLLIE BELLE DOTSON ET VIR; L. EVERETT DOTSON ET AL 23 AC.±; 37 AC.±; 75 AC.±		
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER X REDRILL FRACTURE OR STIMULATE X		
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 7,000' TVD 14,600' MD		
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM		
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313		
FORM WV-6 DENVER, CO 80202		