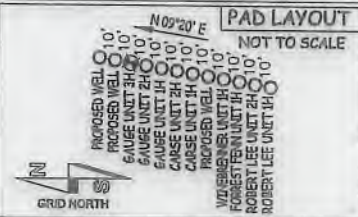


**Antero Resources Corporation**  
Well No. Gauge Unit 3H

**NOTES:**  
WELL 3H TOP HOLE INFORMATION:  
N: 337,376ft E: 1,584,815ft  
LAT: 39°25'01.10" LON: 80°58'10.65"  
BOTTOM HOLE INFORMATION:  
N: 326,110ft E: 1,590,340ft  
LAT: 39°23'10.65" LON: 80°56'57.94"  
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: 4,363,059m E: 502,629m  
BOTTOM HOLE INFORMATION:  
N: 4,359,655m E: 504,370m

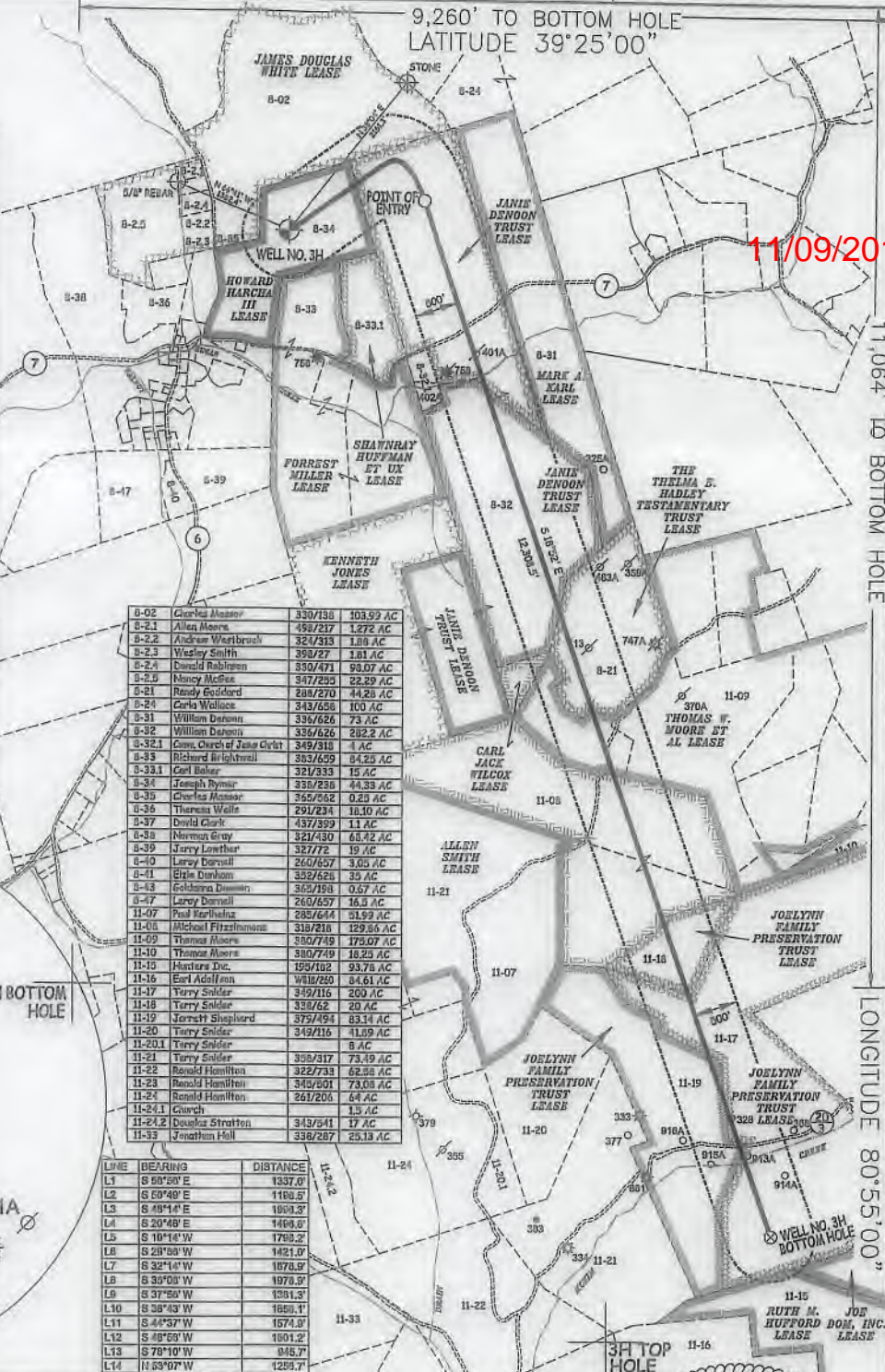


WV NORTH ZONE  
GRID NORTH

LATITUDE 39°27'30" 3,190'

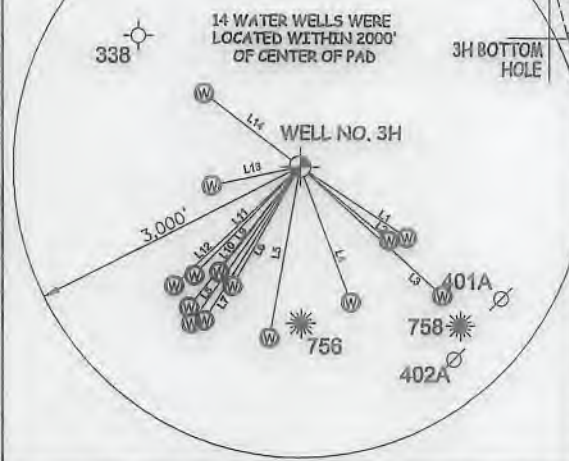
9,260' TO BOTTOM HOLE  
LATITUDE 39°25'00"

11/09/2018



8-02	Charles Moore	330/138	103.99 AC
8-2-1	Allen Moore	450/217	1.272 AC
8-2-2	Andrew Westbrock	324/313	1.88 AC
8-2-3	Wesley Smith	390/27	1.81 AC
8-2-4	David Robinson	350/471	98.07 AC
8-2-5	Nancy McEwen	347/229	22.29 AC
8-21	Randy Goddard	280/270	44.28 AC
8-24	Carla Wallace	343/656	100 AC
8-31	William Denson	336/626	73 AC
8-32	William Denson	336/626	282.2 AC
8-32.1	Gene Church of Jesus Christ	349/318	1 AC
8-35	Richard Wrightwell	353/659	94.25 AC
8-33.1	Carl Baker	321/333	15 AC
8-34	Joseph Dwyer	330/236	44.33 AC
8-35	Charles Moore	345/582	0.23 AC
8-36	Theresa Walls	291/234	11.30 AC
8-37	David Clark	437/393	11 AC
8-38	Norman Gray	521/430	65.42 AC
8-39	Jarvis Lanthier	327/72	19 AC
8-40	Larry Darsell	260/657	3.05 AC
8-41	Erlie Dinkam	352/626	35 AC
8-43	Goldiana Denson	362/198	0.67 AC
8-47	Larry Darsell	260/657	16.5 AC
11-07	Paul Farhling	287/644	31.92 AC
11-08	Michael Fitzsimmons	318/216	129.85 AC
11-09	Thomas Moore	350/749	175.07 AC
11-10	Thomas Moore	380/749	18.25 AC
11-15	Hunter Doc	199/102	93.78 AC
11-16	Earl Adoffan	408/260	0.41 AC
11-17	Terry Solder	349/116	200 AC
11-18	Terry Solder	338/62	20 AC
11-19	Jarvis Shigler	375/494	83.34 AC
11-20	Terry Solder	349/116	11.29 AC
11-20.1	Terry Solder	349/116	8 AC
11-21	Terry Solder	350/317	73.19 AC
11-22	Ronald Hamilton	322/733	62.58 AC
11-23	Ronald Hamilton	340/501	73.08 AC
11-24	Ronald Hamilton	261/206	64 AC
11-24.1	Church	343/641	1.5 AC
11-24.2	Douglas Stratton	343/641	17 AC
11-33	Jonathan Hill	338/287	25.13 AC

LINE	BEARING	DISTANCE
L1	S 60°58' E	1337.0'
L2	S 60°40' E	1166.5'
L3	S 40°14' E	1608.3'
L4	S 20°48' E	1408.0'
L5	S 10°14' W	1769.2'
L6	S 28°08' W	1421.0'
L7	S 32°14' W	1078.9'
L8	S 30°08' W	1978.3'
L9	S 37°50' W	1381.3'
L10	S 38°43' W	1658.1'
L11	S 44°57' W	1574.0'
L12	S 48°58' W	1801.2'
L13	S 70°10' W	945.7'
L14	N 53°07' W	1259.7'



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.

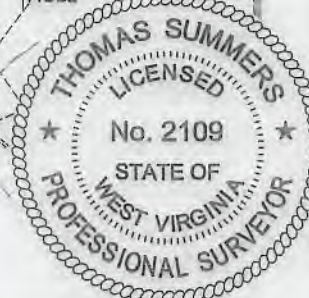


STATE OF WEST VIRGINIA, DIVISION  
OF ENVIRONMENTAL PROTECTION,  
OFFICE OF OIL AND GAS

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

(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 3H TOP HOLE INFORMATION:  
N: 14,313,757ft E: 1,648,995ft  
POINT OF ENTRY INFORMATION:  
N: 14,314,163ft E: 1,650,532ft  
BOTTOM HOLE INFORMATION:  
N: 14,302,588ft E: 1,654,705ft

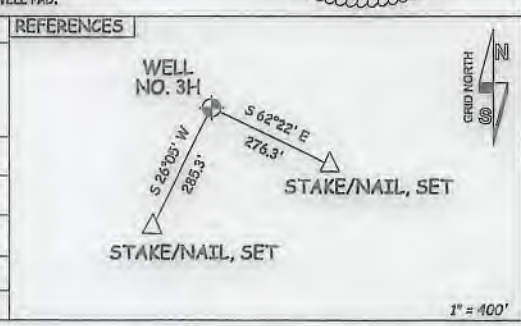
**NOTE**  
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



JOB # 17-023WA  
DRAWING # GAUGE3HR1  
SCALE 1" = 2000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

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

THOMAS SUMMERS P.S. 2109  
DATE 06/08/18  
OPERATOR'S WELL# GAUGE UNIT #3H



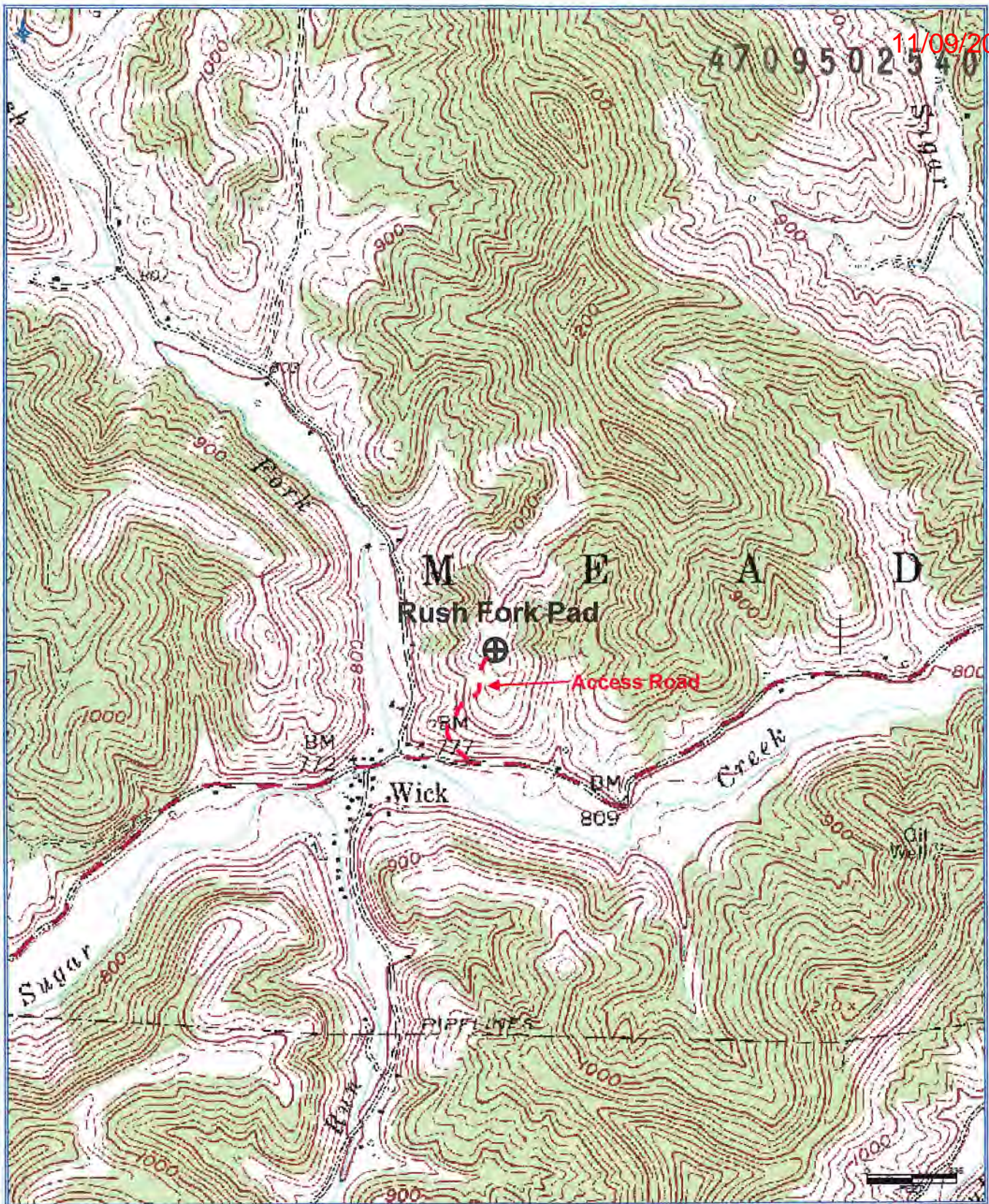
WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 - 095 - 02540  
(IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW  STATE COUNTY PERMIT  
LOCATION: ELEVATION 986' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK  
QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER  
SURFACE OWNER JOSEPH R. RYMER JR. ACREAGE 44.33 ACRES +/-  
OIL & GAS ROYALTY OWNER HOWARD HARCHA III; JANIE DENOON TRUST; JANIE DENOON TRUST; LEASE ACREAGE 44.33 AC.±; 88.2 AC.±; 85.3 AC.±;  
THE THELMA E. HADLEY TESTAMENTARY TRUST; THOMAS W. MOORE ET AL; CARL JACK WILCOX; 44.28 AC.±; 109.11 AC.±; 129.86 AC.±;  
JOELYNN FAMILY PRESERVATION TRUST; JOELYNN FAMILY PRESERVATION TRUST; JOELYNN FAMILY PRESERVATION TRUST 20AC.±; 200 AC.±; 88.14 AC.±

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 21,000' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

11,064' TO BOTTOM HOLE  
15,065'  
LONGITUDE 80°55'00"  
LONGITUDE 80°57'30"



11/09/2018



RECEIVED  
Office of Oil and Gas

OCT 25 2018

WV Department of  
Environmental Protection

**Antero Resources Corporation**

Appalachian Basin

Rush Fork Pad

Doddridge County

Quadrangle: Middlebourne

Watershed: Middle Island Creek

District: Meade

Date: 3-14-2017