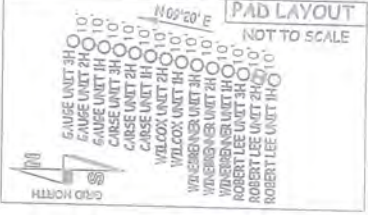


LATITUDE 39°27'30"

Antero Resources Corporation  
Well No. Robert Lee Unit 2H

NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 337,297ft E: 1,584,802ft  
LAT: 39°25'00.32" LON: 80°58'10.80"  
BOTTOM HOLE INFORMATION:  
N: 348,345ft E: 1,580,322ft  
LAT: 39°26'48.77" LON: 80°59'10.20"  
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: 4,363,035m E: 502,626m  
BOTTOM HOLE INFORMATION:  
N: 4,366,378m E: 501,205m



NORTH ZONE  
GRID NORTH

7,860' TO BOTTOM HOLE

LATITUDE 39°27'30"

LONGITUDE 80°57'30"

4,172' TO BOTTOM HOLE

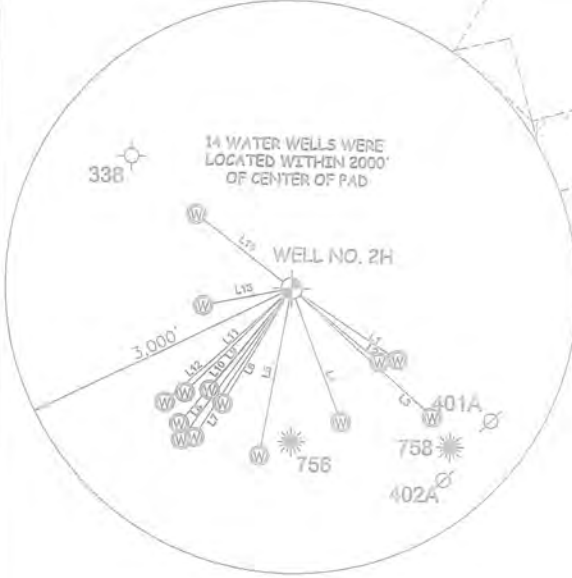
15144'

LONGITUDE 80°57'30"

| TM-PAR | SURFACE OWNER                | DB/PG    | ACREAGE   |
|--------|------------------------------|----------|-----------|
| 4-01   | WSD Properties LLC           | 463/481  | 44.24 AC  |
| 4-11   | Nancy Flesher                | 334/284  | 44.25 AC  |
| 4-12   | WSD Properties LLC           | 463/481  | 39 AC     |
| 4-06   | Coastal Forest Resources Co. | 301/131  | 36 AC     |
| 4-17   | Sharon McGrew                | 170/197  | 40 AC     |
| 4-18   | Trevor Tallman               | 405/388  | 106 AC    |
| 4-24   | Marilyn Spilker              | WB60/430 | 49.24 AC  |
| 4-24.1 | Terrell Starkey              | WB60/430 | 10 AC     |
| 4-25   | Terrell Starkey              | 372/322  | 42.21 AC  |
| 4-28   | Terri Gload                  | 332/346  | 42.21 AC  |
| 4-31   | Howard Flesher               | 279/286  | 42.21 AC  |
| 5-02   | Steven Anderson              | AM5/342  | 79.467 AC |
| 5-35   | Nancy Bradford               | 323/251  | 59.05 AC  |
| 5-39   | James Stinson                | 376/001  | 80.11 AC  |
| 7-06   | Joseph Turbish               | 390/22   | 72.92 AC  |
| 7-10   | Michael Fitzsimmons          | 336/764  | 161.63 AC |
| 8-02   | Charles Mossor               | 330/138  | 103.99 AC |
| 8-2.1  | Allen Moore                  | 498/217  | 1.272 AC  |
| 8-2.2  | Andrew Westbrook             | 324/313  | 1.88 AC   |
| 8-2.3  | Wesley Smith                 | 398/27   | 1.81 AC   |
| 8-2.4  | Donald Robinson              | 330/471  | 98.07 AC  |
| 8-2.5  | Nancy McEee                  | 347/255  | 22.29 AC  |
| 8-33   | Richard Brightwell           | 383/659  | 84.25 AC  |
| 8-34   | Joseph Rymer                 | 338/238  | 44.33 AC  |
| 8-35   | Charles Mossor               | 365/562  | 0.25 AC   |
| 8-36   | Theresa Wells                | 291/234  | 18.10 AC  |
| 8-51   | Charles Mossor               | 343/505  | 39.85 AC  |

02/08/2019

| LINE | BEARING    | DISTANCE |
|------|------------|----------|
| L1   | S 89°29' E | 1337.0'  |
| L2   | S 69°49' E | 1188.5'  |
| L3   | S 49°14' E | 1008.3'  |
| L4   | S 29°45' E | 7459.8'  |
| L5   | S 18°14' W | 1759.2'  |
| L6   | S 29°27' W | 1421.0'  |
| L7   | S 22°14' W | 1873.5'  |
| L8   | S 35°00' W | 1873.5'  |
| L9   | S 37°59' W | 1391.3'  |
| L10  | S 39°42' W | 1858.1'  |
| L11  | S 44°57' W | 1674.0'  |
| L12  | S 40°22' W | 1601.2'  |
| L13  | S 70°10' W | 246.7'   |
| L14  | N 53°07' W | 1253.7'  |



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

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

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.



JOB # 13-111WA  
DRAWING # ROBERTLEE2HAD  
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 +/-  
Proposed Well Path  
As Drilled Well Path  
DOUGLAS R. ROWE P.S. 2202  
DATE 09/28/18  
OPERATOR'S WELL# ROBERT LEE UNIT #2H

**NOTES**  
1. 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.  
2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.  
3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.  
4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.  
5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL \_\_\_\_\_ 47 \_\_\_\_\_ 095 \_\_\_\_\_ 02479  
(IF "GAS") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
LOCATION: ELEVATION 983' AS BUILT WATERSHED \_\_\_\_\_ STATE \_\_\_\_\_ COUNTY \_\_\_\_\_ PERMIT \_\_\_\_\_  
QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER  
SURFACE OWNER JOSEPH R. RYMER JR. ACREAGE 44.33 ACRES +/-  
OIL & GAS ROYALTY OWNER HOWARD H. HARCHA III; JAMES DOUGLAS WHITE; KERR-MCGEE OIL & GAS LEASE ACREAGE 44.33 AC±; 134.53 AC±; 201.8 AC±;  
ONSHORE LP; JAMES T. STINSON ET UX; RITA G. JARVIS; TERRI A. GLOAD; NANCY LEE BRADFORD ET VIR; TERRELL LEE STARKEY; 80.11 AC±; 72.92 AC±; 84.3 AC±; 59.05 AC±; 42.21 AC±;  
THE DALE E. WISE TRUST LTD; NORMA JEAN SWARTZ ET VIR; THE THELMA E. HADLEY TESTAMENTARY TRUST; JAMIE DENOON TRUST 106 AC±; 52 AC±; 84.04 AC±; 620.45 AC±  
PROPOSED WORK: DRILL \_\_\_\_\_ CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_  
PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL \_\_\_\_\_  
(SPECIFY) AS DRILLED \_\_\_\_\_ PLUG & ABANDON \_\_\_\_\_ CLEAN OUT & REPLUG \_\_\_\_\_  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,203' TVD 18,223' 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