

LATITUDE 39°27'30"

5,946'

3,549' TO BOTTOM HOLE  
LATITUDE 39°25'00"

LONGITUDE 80°55'00"

8,962' TO BOTTOM HOLE

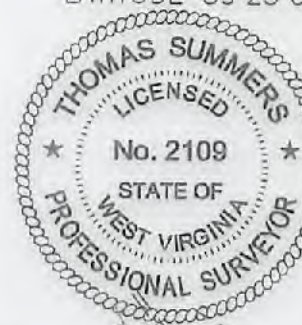
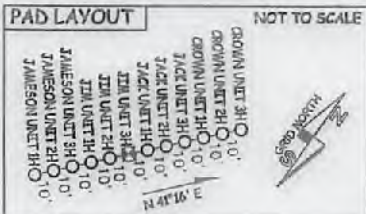
13,419'

LONGITUDE 80°55'00"

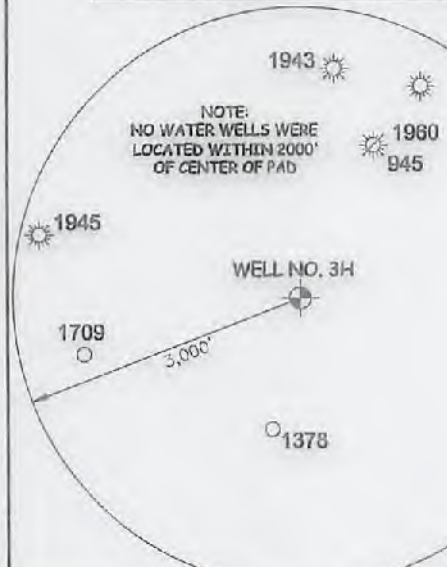
COUNTY NAME PERMIT

Antero Resources Corporation  
Well No. Jim Unit 3H  
47-095-02410

NOTES:  
WELL 3H TOP HOLE INFORMATION:  
N: 338,876ft E: 1,593,855ft  
LAT: 39°25'17.37" LON: 80°56'15.77"  
BOTTOM HOLE INFORMATION:  
N: 328,121ft E: 1,596,083ft  
LAT: 39°23'31.43" LON: 80°55'45.20"  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. FLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.  
(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 3H TOP HOLE INFORMATION:  
N: 4,363,562m E: 905,376m  
BOTTOM HOLE INFORMATION:  
N: 4,360,297m E: 906,109m

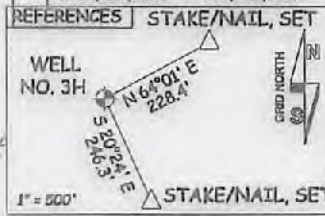


WV NORTH ZONE GRID NORTH



NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR BREED LIVESTOCK OR CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN ONE HUNDRED TWENTY-FIVE (125) FEET OF THE CENTER OF THE WELL PAD.

(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 3H TOP HOLE INFORMATION:  
N: 14,315,406ft E: 1,658,007ft  
POINT OF ENTRY INFORMATION:  
N: 14,314,855ft E: 1,656,376ft  
BEND POINT INFORMATION:  
N: 14,314,160ft E: 1,657,043ft  
BOTTOM HOLE INFORMATION:  
N: 14,304,694ft E: 1,660,413ft



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 # 14-128WA  
DRAWING # JIM3HR3  
SCALE 1" = 1000'  
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*  
THOMAS SUMMERS P.S. 2109  
DATE 07/10/18  
OPERATOR'S WELL# JIM UNIT #3H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
LOCATION: ELEVATION 1,005' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK  
QUADRANGLE MIDDLEBOURNE 7.5 DISTRICT MEADE COUNTY TYLER  
SURFACE OWNER ROGER R. WEESE ACREAGE 177.31 ACRES +/-  
OIL & GAS ROYALTY OWNER ROGER R. WEESE; JAMES A. SMITH; RONNIE LEE SMITH;  
CHARLES E. STULL ET UX; LEE MAN W. MASON ET UX; GRACE SEWELL DeCARLO; ROY D. HADLEY;  
JAMES McCULLOUGH ET UX; JOELYNN FAMILY TRUST; RONALD P. FLETCHER; RICHARD HALL BARNARD  
OIL & GAS ROYALTY OWNER 198.709 AC±; 31.919 AC±; 97.544 AC±;  
105 AC±; 37.69 AC±; 85.52 AC±; 170.25 AC±; 78 AC±; 52.5 AC±; 44.35 AC±; 284.33 AC±  
PROPOSED WORK: DRILL CONVERT DRILL DEEPER X REDRILL  
FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION  
PLUG & ABANDON CLEAN OUT & REPLUG PERFORATE NEW FORMATION X  
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 19,600' MD  
DIANNA STAMPER  
CT CORPORATION SYSTEM  
5400 D BIG TYLER ROAD  
CHARLESTON, WV 25313

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT ADDRESS 1615 WYNKOOP STREET DENVER, CO 80202  
ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313  
FORM WW-6 STATE COUNTY PERMIT 47 - 095 - 02410

