

LATITUDE 39°27'30"

7,256'

11,613' TO BOTTOM HOLE

LATITUDE 39°30'00"

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"

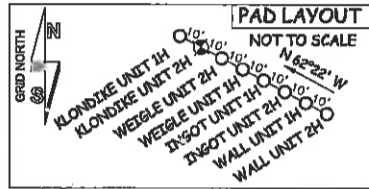
Antero Resources Corporation
Well No. Klondike Unit 2H
API #47-095-02328

- NOTE
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.

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AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 349,658ft E: 1,616,250ft
LAT: 39°27'07.38" LON: 80°51'32.51"
BOTTOM HOLE INFORMATION:
N: 359,906ft E: 1,612,045ft
LAT: 39°28'48.02" LON: 80°52'28.11"
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: 4,366,961m E: 512,144m
BOTTOM HOLE INFORMATION:
N: 4,370,061m E: 510,810m



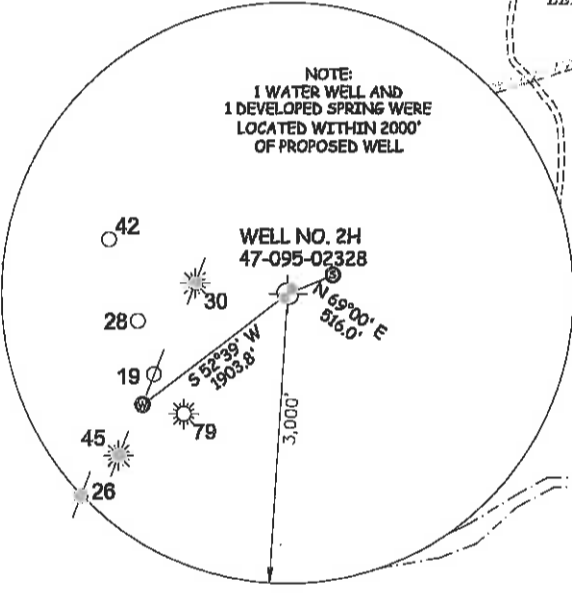
WV NORTH ZONE
GRID NORTH

WELL 2H BOTTOM HOLE

2H TOP HOLE

2H BOTTOM HOLE

NOTE:
1 WATER WELL AND
1 DEVELOPED SPRING WERE
LOCATED WITHIN 2000'
OF PROPOSED WELL



47 - 095 - 02328
STATE COUNTY PERMIT



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 # 15-055WA
DRAWING # KLONDIKEZHAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
- - - Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
X Existing Fence
⊕ Found monument, as noted
○ Proposed Well Path
⊗ As Drilled Well Path

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

DATE 10/05/16
OPERATOR'S WELL# KLONDIKE UNIT #2H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,216' ORIGINAL - 1,201' AS DRILLED WATERSHED OUTLET MIDDLE ISLAND CREEK
QUADRANGLE SHIRLEY 7.5' DISTRICT ELLSWORTH COUNTY TYLER

SURFACE OWNER LLOYD C. SECKMAN ACREAGE 128.5 ACRES +/-
OIL & GAS ROYALTY OWNER LLOYD C. SECKMAN; THOMAS L. BURKHART; EDWIN C. WEIGLE HEIRS; JOSEPH SAYRE LEASE ACREAGE 128.5 AC; 90 AC; 129.2 AC; 100 AC; JAMES C. RYMER; RICHARD L. SEAGO ET UX; JAMES E. GREGG ET UX; JOHN H. CRUMRINE ET AL; WVDNR; WVDNR; WVDNR; PATSY FLETCHER 143.89 AC; 74.2 AC; 141 AC; 256 AC; 20 AC; 71.74 AC; 60 AC; 19.5 AC
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) (X) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,704' TVD 18,411' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313