

LATITUDE 39°20'00" 2,986'

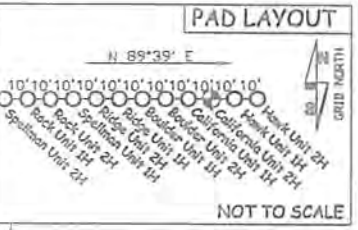
7,474' TO BOTTOM HOLE
LATITUDE 39°22'30"

LONGITUDE 80°50'00"
11,310'
1,3,393' TO BOTTOM HOLE
LONGITUDE 80°50'00"

Antero Resources Corporation
Well No. California Unit 2H
47-017-06797

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 295,052ft E: 1,619,710ft
LAT: 39°18'08.22" LON: 80°50'37.98"
BOTTOM HOLE INFORMATION:
N: 308,211ft E: 1,615,417ft
LAT: 39°20'17.63" LON: 80°50'12.21"
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: 4,350,343m E: 513,475m
BOTTOM HOLE INFORMATION:
N: 4,354,330m E: 512,101m



- 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 HEREIN 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.



JOB # 16-059WA
DRAWING # CALIFORNIA2HAD
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
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,135.5' AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE
SURFACE OWNER JEFFREY K. JONES SR. ET AL ACREAGE 77.32 ACRES +/-
OIL & GAS ROYALTY OWNER DONALD L. PIGGOTT; NELL ALLEN; MARY MAXINE WELCH; LEASE ACREAGE 81 AC±; 176 AC±; 96 AC±;
SHIPLEY LOHR BETTY COTTRILL; CARROLL SHEPHERD; CARROLL E. SHEPHERD ET UX; HULL MILLER; MICHAEL JOE SHEPHERD; RICHARD MCCULLOUGH ET UX; 35.38 AC±; 24.5 AC±; 17.18 AC±; 17.5 AC±; 53.8 AC±; 12.025 AC±; 29 AC±;
EUGENE R. WALTON; KATHERINE MONTGOMERY; J.A. EXLINE ET UX; NATHAN CAIN ET AL.; N.M. WELCH HEIRS; INA MONTGOMERY 137 AC±; 26.13 AC±; 60 AC±; 278 AC±; 95 AC±; 142.25 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 6,602' TVD 20,600' 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

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED 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



LEGEND
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
--- Proposed Well Path
--- As Drilled Well Path
DOUGLAS R. ROWE P.S. 2202
DATE 07/17/18
OPERATOR'S WELL# CALIFORNIA UNIT #2H
API WELL # 47 - 017 - 06797
STATE COUNTY PERMIT
COUNTY NAME PERMIT