

LATITUDE 39°20'00"

7,460'

LATITUDE 39°20'00"

LONGITUDE 80°52'30"

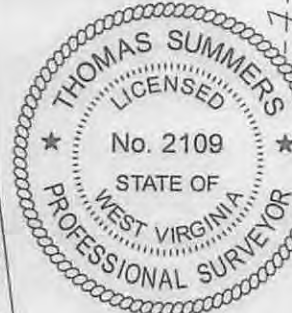
6,787' TO BOTTOM HOLE

13,888'

LONGITUDE 80°52'30"

Antero Resources Corporation
Well No. Mogar Unit 2H

WV NORTH ZONE
GRID NORTH

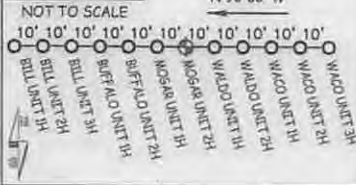


NOTE
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 292,723ft E: 1,603,407ft
LAT: 39°17'42.74" LON: 80°54'04.89"
BOTTOM HOLE INFORMATION:
N: 299,824ft E: 1,603,432ft
LAT: 39°18'52.93" LON: 80°54'05.98"
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: 4,349,550m E: 508,521m
BOTTOM HOLE INFORMATION:
N: 4,351,714m E: 508,492m

PAD LAYOUT



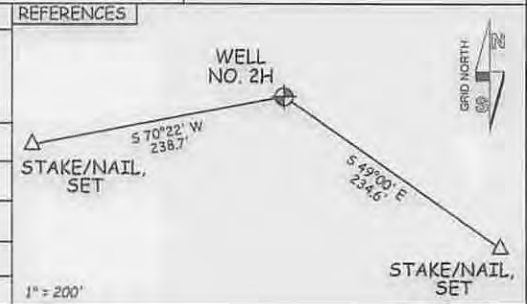
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



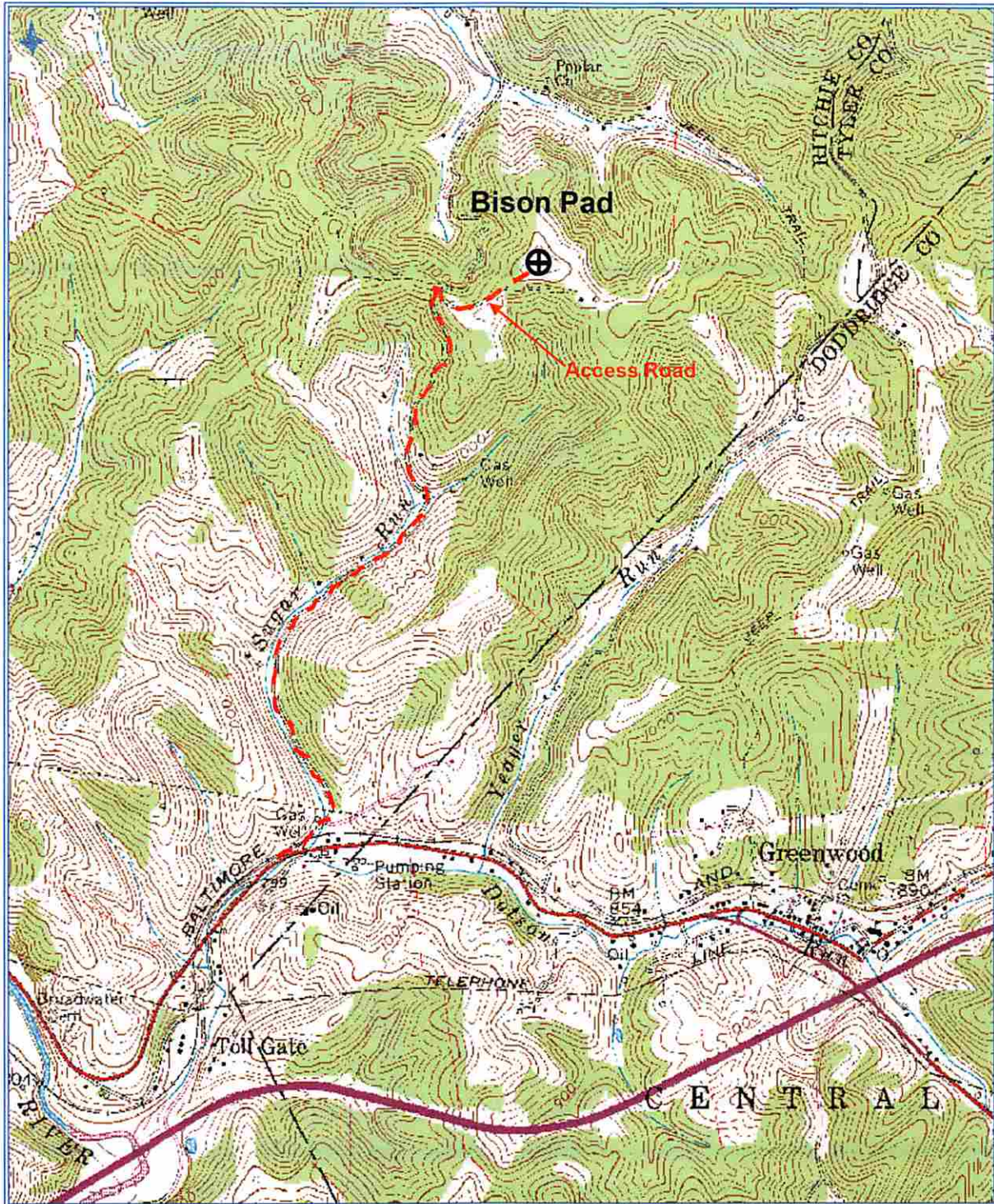
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 15-028WA
DRAWING # MOGAR2HR2
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 +/-
- x - x - Existing Fence
⊕ Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 07/15/15
OPERATOR'S WELL # MOGAR UNIT #2H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 085 - 10234
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 1,238' - ORIGINAL 1,221' - PROPOSED WATERSHED NORTH FORK HUGHES RIVER COUNTY NAME
QUADRANGLE PENNSBORO 7.5 DISTRICT CLAY COUNTY RITCHIE 09/04/2015
SURFACE OWNER DONA D L COSTILOW ACREAGE 50.13 ACRES +/-
OIL & GAS ROYALTY OWNER BERTHA D FERREBEE DONALD L COSTILOW ET UX; HOBERT DOTSON ET UX; LONNIE B DOTSON ET UX LEASE ACREAGE 67 AC +/- 13.05 AC +/- 19 AC +/- 18 AC +/-
LONNIE B DOTSON ET UX; MICHAEL QUINN; MICHAEL QUINN; L.A. GARNER ET AL; F.M. FERREBEE ET AL; MARY FERREBEE ET AL 22.5 AC +/- 22.5 AC +/- 24.5 AC +/- 99 AC +/- 56 AC +/- 72 AC +/-
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 14,700' 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



Antero Resources Corporation
Appalachian Basin
Mogar Unit 1H & 2H
Ritchie County

Quadrangle: Pennsboro
Watershed: North Fork Hughes River
District: Clay
Date: 7-20-2015