

LATITUDE 39°27'30"

11,300'

7,586' TO BOTTOM HOLE

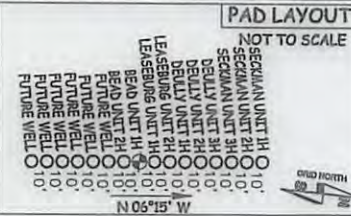
LATITUDE 39°25'00"

Antero Resources Corporation Well No. Bead Unit 1H

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,315,816ft E: 1,676,187ft POINT OF ENTRY INFORMATION: N: 14,315,543ft E: 1,675,706ft BOTTOM HOLE INFORMATION: N: 14,303,690ft E: 1,679,923ft

NOTES: WELL 1H TOP HOLE INFORMATION: N: 338,982ft E: 1,612,047ft LAT: 39°25'21.23" LON: 80°52'24.00" BOTTOM HOLE INFORMATION: N: 326,791ft E: 1,615,581ft LAT: 39°23'21.28" LON: 80°51'36.62" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE G60XT 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 1H TOP HOLE INFORMATION: N: 4,363,687m E: 510,917m BOTTOM HOLE INFORMATION: N: 4,359,991m E: 512,056m

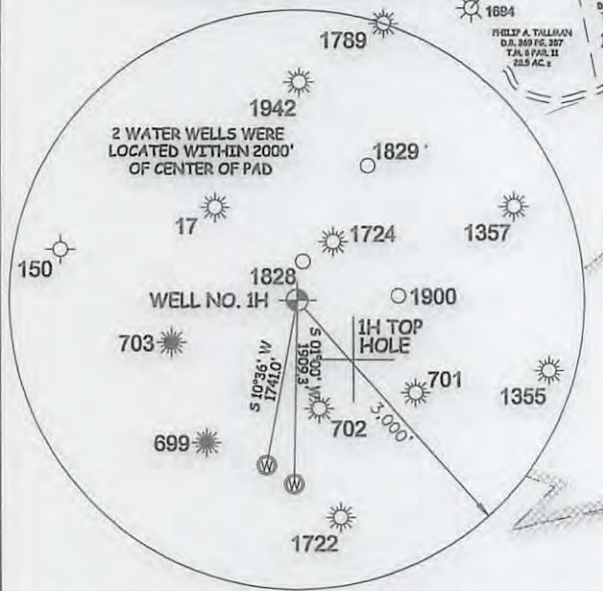


WV NORTH ZONE GRID NORTH

LONGITUDE 80°50'00"

13,034'

LONGITUDE 80°50'00"

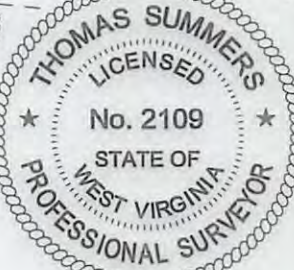


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



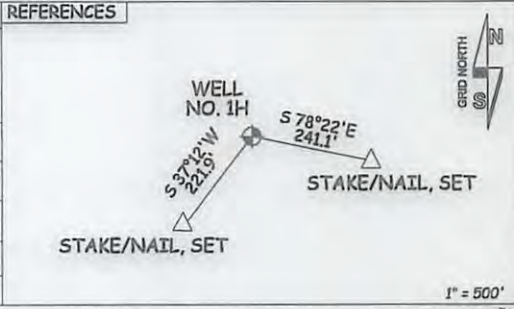
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS. WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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.



JOB # 15-013WA DRAWING # BEAD1HR1 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 +/- Existing Fence Found monument, as noted. THOMAS SUMMERS P.S. 2109 DATE 05/25/16 OPERATOR'S WELL# BEAD UNIT #1H

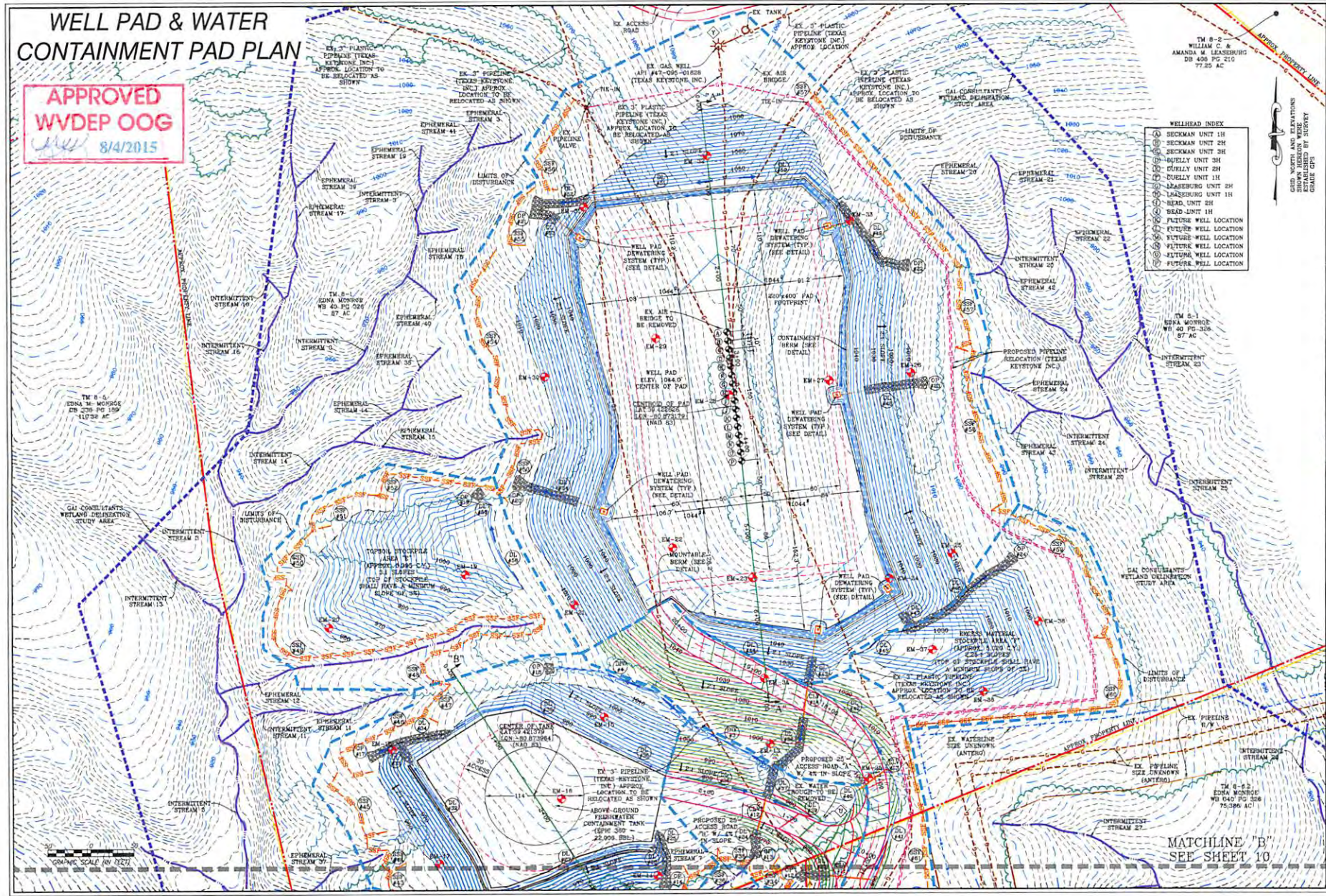


WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 -02370 H/A (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,068' - ORIGINAL 1,044' - PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE SHIRLEY 7.5 DISTRICT CENTERVILLE COUNTY TYLER SURFACE OWNER EDNA MONROE ACREAGE 87 ACRES +/- OIL & GAS ROYALTY OWNER CARL BAKER; CARL W. NOLAN; CARL W. NOLAN; RONAD ASH ET UX; LEASE ACREAGE 87 AC +/- 116 AC +/- 120 AC +/- 72 AC +/- FRANK GRASS ET AL.; RUTH MEREDITH; HARRY ASH & JESSIE D. ASH ET AL.; DAVID E BOWYER; LARRY CAINE 100 AC +/- 210 AC +/- 291 AC +/- 138 AC +/- 1.32 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 6,800' TVD 20,000' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D. BIG TYLER ROAD DENVER, CO 80202 CHARLESTON, WV 25313

07/22/2016

# WELL PAD & WATER CONTAINMENT PAD PLAN

**APPROVED**  
**WVDEP OOG**  
8/4/2015



**WELLHEAD INDEX**

- ① BECKMAN UNIT 1H
- ② BECKMAN UNIT 2H
- ③ BECKMAN UNIT 2H
- ④ BULLY UNIT 3H
- ⑤ PURELY UNIT 2H
- ⑥ PURELY UNIT 1H
- ⑦ LEASBURG UNIT 2H
- ⑧ LEASBURG UNIT 1H
- ⑨ BEAD UNIT 2H
- ⑩ BEAD UNIT 1H
- ⑪ PATTON WELL LOCATION
- ⑫ FUTURE WELL LOCATION
- ⑬ FUTURE WELL LOCATION
- ⑭ FUTURE WELL LOCATION
- ⑮ FUTURE WELL LOCATION



**NAVITUS**  
ENERGY ENGINEERING

Telephone: (888) 622-4185 | www.NavitusEE.com

DATE	REVISION
06/10/2015	REVISED PER ANTERO COMMENTS
07/21/2015	REVISED FOR ENVIRONMENTAL REQUEST



THIS DOCUMENT  
WAS PREPARED FOR  
ANTERO RESOURCES  
CORPORATION

**EDNA MONROE**  
WELL PAD AND WATER CONTAINMENT PAD  
CENTREVILLE, DISTRICT  
TYLER COUNTY, WEST VIRGINIA



DATE: 05/27/2015  
SCALE: 1" = 50'  
SHEET 11 OF 26

MATCHLINE 'B'  
SEE SHEET 10