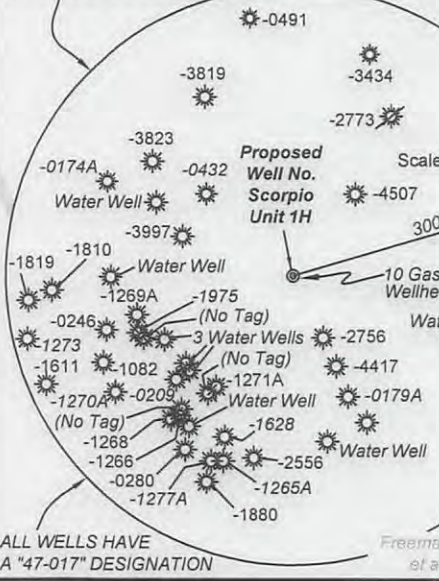


Note: It appears 9 water wells were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



FILE NO: 41-30-WU-14
 DRAWING NO: Scorpio 1H Well Plat 07-16
 SCALE: 1" = 1200'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: November 15, 20 17
 Operator's Well No. Scorpio Unit 1H
 API WELL NO
 47 - 017 - 06860
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: Existing Grade-1200' Proposed Grade-1181' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
 DISTRICT: West Union COUNTY: Doddridge
 SURFACE OWNER: Matthew W. Alexander & Linda Marie Muhly LOURIE SMITH; BERTHA CORATHERS; B.J. (SALLY) UNDERWOOD CLARENCE W. MUTSCHEIKNAUK, et ux; LARRY WILLIAMS CARL W. ASH, et ux; FREEMAN P. SMITH, et ux; W.F. SMITH, et al BONNIE J. UNDERWOOD; PAULINE ARNDT, et vir; MARY HAUGHT POST, et al LEASE NO: _____ ACREAGE: 43.94
 ROYALTY OWNER: Charles Clarence Hittel III (Memorandum); Charles Williams by Randy Williams, A.I.F. LEASE NO: _____ ACREAGE: 428.51; 31; 67; 36
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Modification - Add Curve to POE
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,500' TVD 17,400' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Scorpio Unit 1H Top Hole coordinates are
 N: 306,960.10' Latitude: 39°20'08.72"
 E: 1,639,247.13' Longitude: 80°46'31.62"
 Bottom Hole coordinates are
 N: 315,202.82' Latitude: 39°21'29.58"
 E: 1,634,957.01' Longitude: 80°47'27.73"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,354,070.123m N: 4,356,559.449m
 E: 519,366.780m E: 518,017.897m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

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 prescribed by the Department of Environmental Protection.
 Kenneth J. Plum, P.S. 2216

Notes:
 Well No. Scorpio Unit 1H UTM Zone 17, NAD 1927
 Top Hole Coordinates
 N: 14,284,263.50'
 E: 1,703,908.55'
 Point of Entry Coordinates
 N: 14,283,978.58'
 E: 1,702,955.25'
 Bottom Hole Coordinates
 N: 14,292,430.66'
 E: 1,699,483.06'

Par	Bk/Pg	Acres	TM 4 Surface Owner(s)
1	15	196/40	41.75 Karen Smith
2	9	282/181	7.16 Scott Adams, Gregory Adams, David Adams, & Jennifer Adams McFall
3	10	282/181	7.91
4	2	282/181	0.90
5	8	282/181	26.57
6	17.1	299/145	20.44 Bryan Edwin & Patricia Natalie Hagedorn
7	32.1	349/322	20.0 Andy H. & Carrie K. Kurtz
8	24	248/254	35.34 Karen Ann Smith
9	32	241/412	43.94 Matthew W. Alexander & Linda Marie Muhly
10	34.4	320/629	4.50
11	16	248/254	26.01 Karen Ann Smith
12	30	211/302	30.50 Kathryn J. Sisler, et al
Par	Bk/Pg	Acres	TM 2 Surface Owner(s)
13	5	219/201	63.50 Eric S. Smith



03/16/2018