

445' to Bottom Hole

3,864' to Top Hole

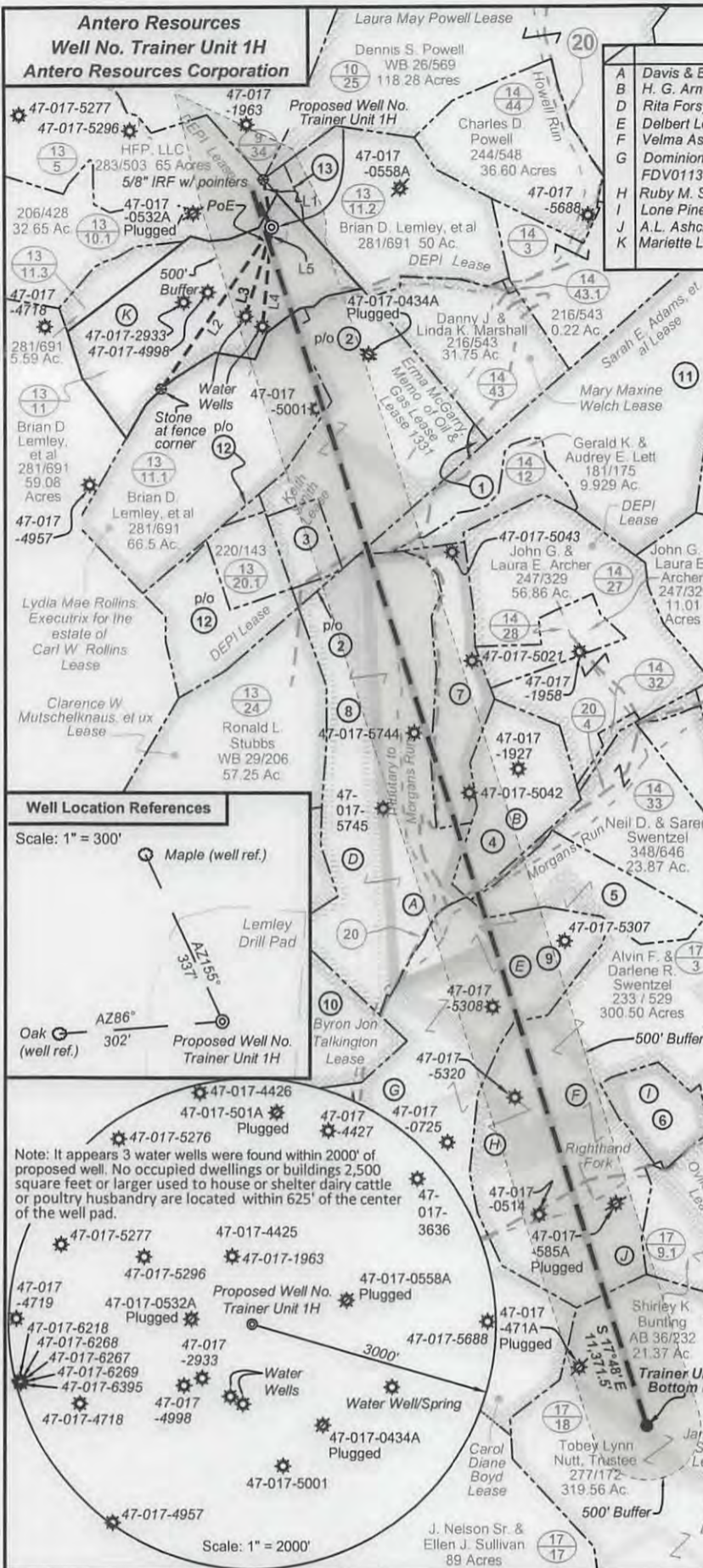
LATITUDE 39 - 20 - 00

LONGITUDE 80 - 40 - 00

2,607' to Top Hole

GRID NORTH

13,535' to Bottom Hole



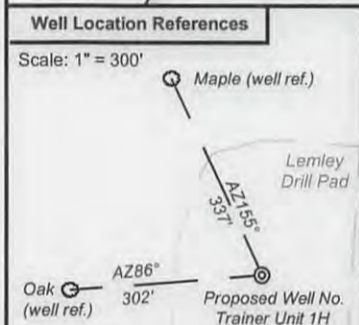
Lease Table	
A	Davis & Elkins College
B	H. G. Arnette, et ux
D	Rita Forsythe, Heir of Elsie M. Rhoads
E	Delbert Leatherman
F	Velma Ashcraft Balis
G	Dominion Exploration & Production, Inc. FDV011367, FDV011386, FDV011387
H	Ruby M. Swentzel
I	Lone Pine Operating, Inc.
J	A.L. Ashcraft, et al
K	Mariette Lemley, et al

Bearing	Dist.
L1	S 09°46' E 441.8'
L2	N 34°36' E 1807.4'
L3	N 16°34' E 854.8'
L4	N 05°32' E 916.4'
L5	S 08°23' W 153.3'

ID	TM/Par.	Owner	Bk / Pg	Acres
1	13/20.5	Gerald K. & Audrey E. Lett	186/578	4.00
2	13/20	Danny J Marshall, et ux	216/543	30.38
3	13/20.2	Skyline Communications, LLP	220/143	8.00
4	14/31.1	Ruby M. Swentzel	154/345	29.38
5	14/33.1	Neil D. & Saren Swentzel	246/708	22.66
6	17/9	Dwayne A. & Linda F. Bunting	QCD 247/528	13.42
7	13/26	John G. Archer, et ux	247/329	20.00
8	13/25	Alden/Lola Moore (Life Estate w/ Right of Survivorship) Harvey Moore, Jr.	275/202	101.00
9	16/3	Ruby M. Swentzel	WB 45/292	79.44
10	16/2	Thomas Combs/Patricia Miller	230/232	46.00
11	14/12.1	Gerald K. & Audrey E. Lett	186/578	86.27
12	13/20.3	Terry L. Smith, et ux	274/545	21.28
13	13/35	Brian D. Lemley, et al	281/691	2.20

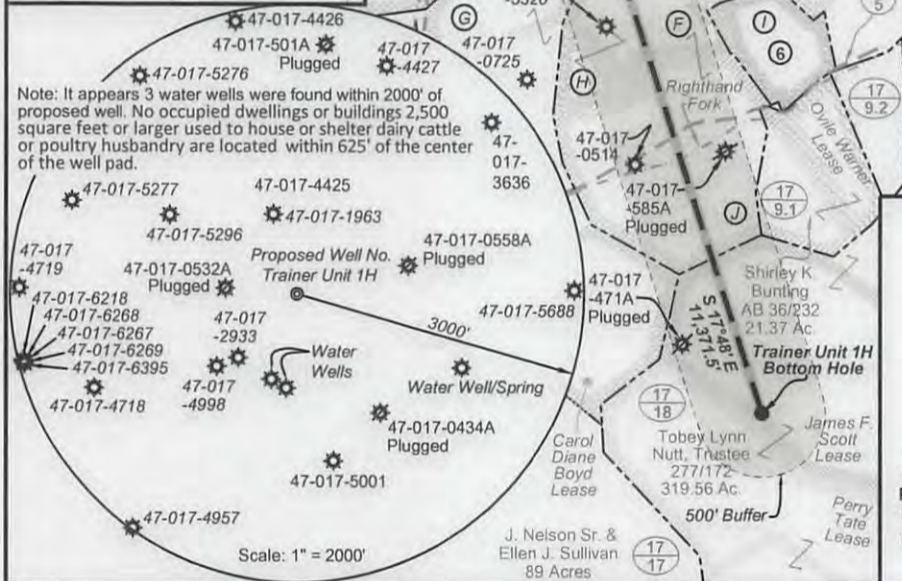
**Notes:**  
 Well No. Trainer Unit 1H  
 UTM Zone 17,  
 NAD 1927  
 Top Hole Coordinates  
 N: 14,280,856.98'  
 E: 1,730,817.49'  
 Point of Entry Coordinates  
 N: 14,280,705.02'  
 E: 1,730,797.68'  
 Bottom Hole Coordinates  
 N: 14,269,940.78'  
 E: 1,734,451.78'

**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Trainer Unit 1H Top Hole coordinates are  
 N: 303,103.95' Latitude: 39°19'34.24"  
 E: 1,666,104.84' Longitude: 80°40'49.18"  
 Bottom Hole coordinates are  
 N: 292,124.88' Latitude: 39°17'46.18"  
 E: 1,669,557.83' Longitude: 80°40'03.42"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,353,032.020m N: 4,349,704.777m  
 E: 527,568.712m E: 528,676.451m  
 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.

*Dwayne D. Matheny*  
 Dwayne D. Matheny, P.S. 2070



**Legend**

- Proposed gas well
- Found corner, as noted
- Existing Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- County Route

**Wellhead Layout**

- ABRAM UNIT 2H
- ABRAM UNIT 1H
- PETER UNIT 2H
- PETER UNIT 1H
- MILO UNIT 2H
- PHEBE UNIT 2H
- PHEBE UNIT 1H
- TRAINER UNIT 2H
- Proposed Well No. TRAINER UNIT 1H
- ROLLINS UNIT 2H

Detail Not to Scale

Bottom Hole 7.5' Spot

Denotes Location of Well on United States Topographic Maps

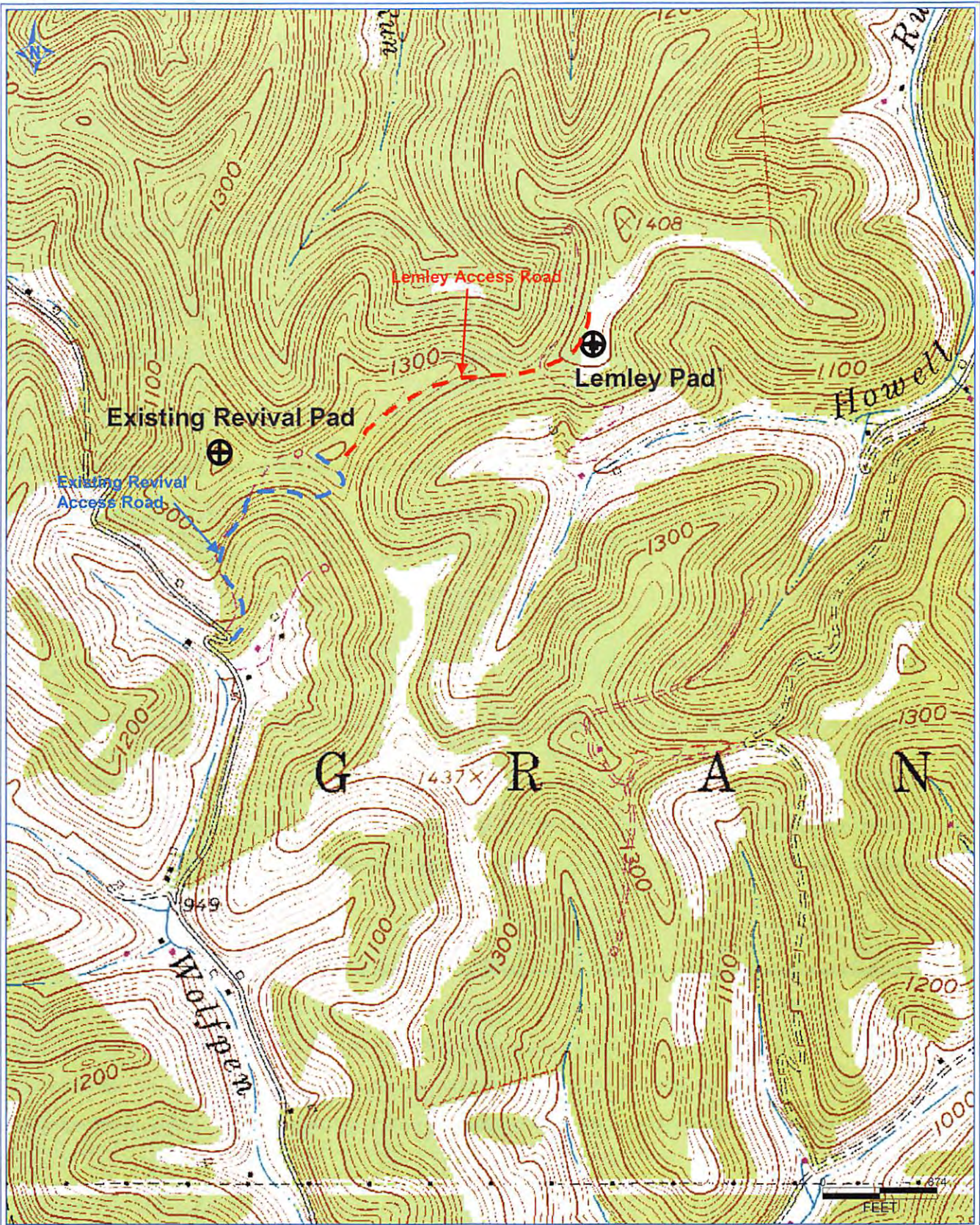
FILE NO: 297-30-G-14  
 DRAWING NO: 297-14 Trainer 1H Well Plat  
 SCALE: 1" = 1500'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: August 17 2017  
 OPERATOR'S WELL NO. Trainer Unit 1H  
 API WELL NO  
 47 - 017 - 06868  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1303.6' (As-built) 1324.0' (org. gnd)  
 DISTRICT: Grant WATERSHED: McElroy Creek QUADRANGLE: Smithburg  
 SURFACE OWNER: Phillip N. Hill, et al COUNTY: Doddridge ACREAGE: 59.08  
 ROYALTY OWNER: Mariette Lemley, et al; Erma McGarry, Memorandum of Oil & Gas; A. L. Ashcraft, et al; LEASE NO: 1331 ACREAGE: 28; 127; 66.87; 44;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,600' TVD 19,100' 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



RECEIVED  
Office of Oil and Gas  
AUG 21 2017  
WV Department of  
Environmental Protection

**Antero Resources Corporation**  
Appalachian Basin  
Trainer Unit 1H  
Doddridge County

Quadrangle: Smithburg 7.5'  
Watershed: McElroy Creek  
District: Grant  
Date: 8-04-2014

047-017-06868 10/06/2017