

11,690' to Bottom Hole

7,758' to Top Hole

LATITUDE 39 - 17 - 30

LONGITUDE 80-32-30

17,046' to Top Hole

7,383' to Bottom Hole

**Antero Resources**  
**Well No. Caswell Unit 1H**  
**Antero Resources**  
**Corporation**

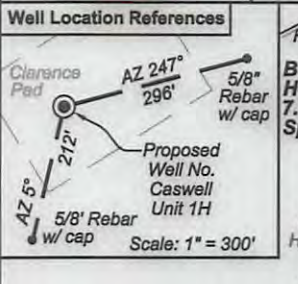
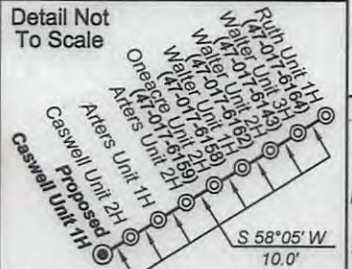
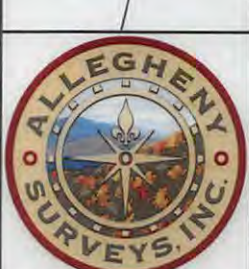
Charles E. Law, et al  
227/11 I.Pipe  
91.5 Ac.  
I.Pipe

**Caswell Unit 1H**  
**Bottom Hole**

Francis A. & Edith K. Marinero  
1271/893  
138.95 Ac.

**Notes:**  
**West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.**  
Well No. Caswell Unit 1H Top Hole coordinates are  
N: 273,004.50 Latitude: 39°14'40.63"  
E: 1,697,423.66 Longitude: 80°34'06.10"  
Bottom Hole coordinates are  
N: 282,666.84 Latitude: 39°16'15.66"  
E: 1,693,492.49 Longitude: 80°34'57.54"  
**UTM Zone 17, NAD 1983**  
Top Hole Coordinates: Bottom Hole Coordinates:  
N: 4,344,021.396m N: 4,346,945.076m  
E: 537,263.013m E: 536,016.316m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

**Legend**  
⊙ Proposed gas well  
⊙ Found corner, as noted  
— Surface boundary (approx.)  
--- Existing Road  
--- Interior surface tracts (approx.)  
--- Creek or Drain  
--- Existing Fenceline



**Tax Map 8 Parcels**

Par	Owner	DB/Pg	Acres
1 3.1	Darrell R. Richards	281/289	9.35
2 4.2	Charles D. Ball	241/504	5.0
3 4	Butterfly Evolution Trust	263/40	135.89

**Tax Map 5 Parcels**

4 12.3	Mt. Olive Baptist Trustees	214/734	0.07
5 12.4	Mt. Olive Baptist Trustees	252/98	0.44
6 13	Mt. Olive Baptist Trustees	—	2.65
7 12.2	Willard & Helen Dennison	208/113	27.77
8 17.1	William & Leanna Davis	229/116	0.55
9 20	Tillman Lee Williams	264/344	13.5
10 17	James Jr. & Jo Anne Davis	168/338	1.45
11 12.1	Willard & Helen Dennison	208/113	19.56
12 16	Phillip & Sue Ellen Reger	195/779	1.06
13 11	Helen & Willard Dennison	206/118	13.15



Francis A. & Edith K. Marinero  
1461/310  
3.75 Ac.

Miracle Meadows School  
1210/9  
51.02 Ac.

Layman Foundation  
1300/641  
4.81 Ac.

Miracle Meadows School, Inc.  
1200/633  
122.62 Acres

James L. Jenkins  
1345/1059  
12.10 Ac.

James L. Jenkins  
1345/1059  
28.14 Ac.

John & Rebecca Dotson  
273/296  
14.85 Ac.

Ronald E. & Julie C. Clevenger  
208/58  
33.82 Acres

Larry B. & Mary J. Carder  
282/24  
21.71 Ac.

Dallas Bailey, et ux, et al Lease

Robert Nimrowicz & Donna DaCunha  
1141/1122  
101.34 Ac.

Clarence & Mary Mutschelknaus  
267/726  
99.03 Ac.

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*  
Kenneth J. Plum, P.S. 2216



Carl F. Starr  
270/155  
140.42 Ac.

Helen & Willard Dennison  
206/118  
12.03 Ac.

John & Rebecca Dotson  
273/296  
14.85 Ac.

Ronald E. & Julie C. Clevenger  
208/58  
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99.03 Ac.



FILE NO: 356-30-G-12  
DRAWING NO: 356-12 Caswell 1H Rev  
SCALE: 1" = 1200'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
WVDOT, Bridgeport, WV

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**OFFICE OF OIL AND GAS**

DATE: August 27 2013  
OPERATOR'S WELL NO. Caswell Unit 1H  
API WELL NO: **47-017-06369**  
STATE COUNTY PERMIT

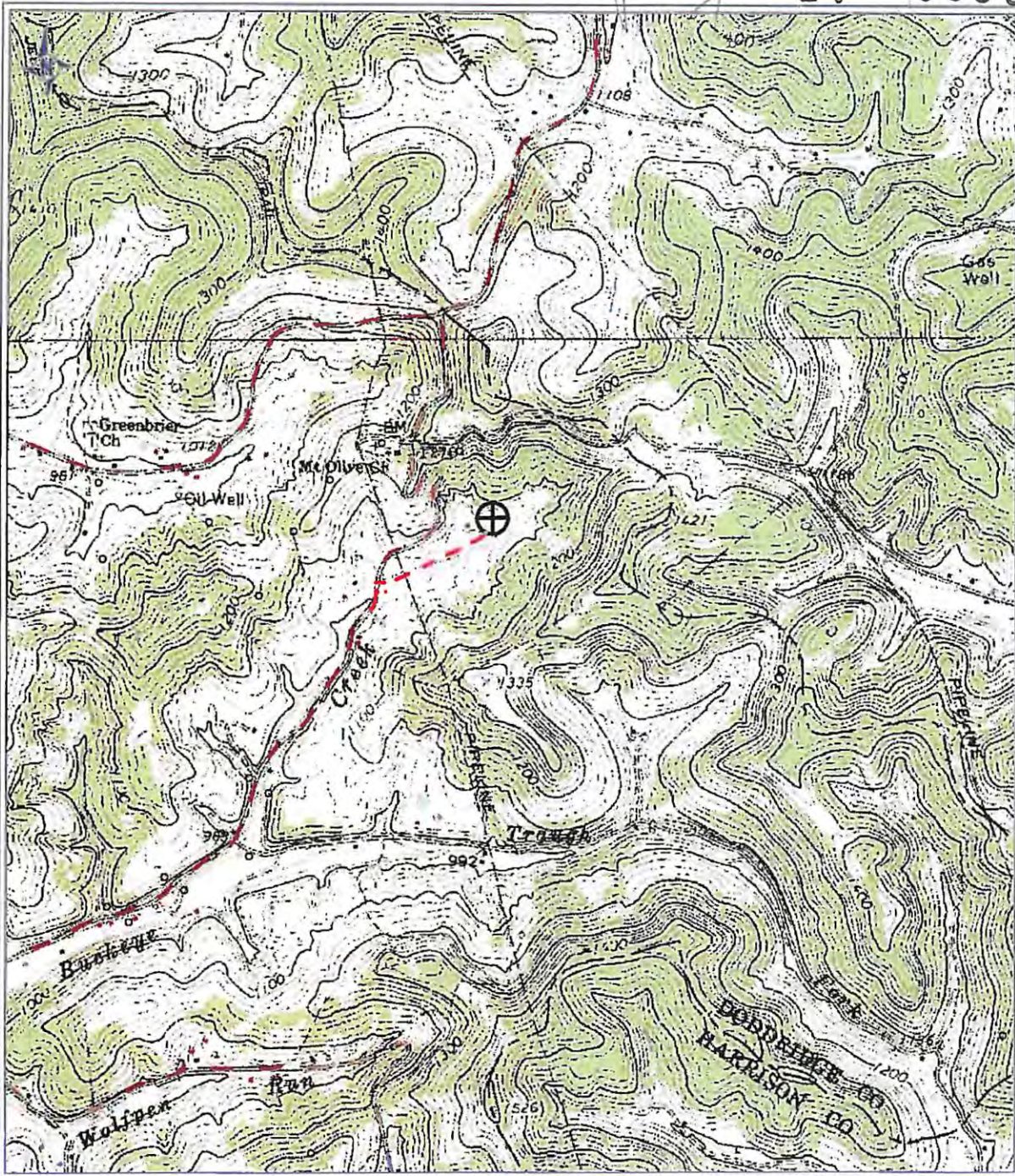
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1050' WATERSHED: Buckeye Creek QUADRANGLE: Salem & Big Isaac  
DISTRICT: Greenbrier COUNTY: Doddridge  
SURFACE OWNER: Clarence & Mary Mutschelknaus, Minnie S. Lee, et al; Silas Fittro; Fred M. Cottrill, et ux  
ROYALTY OWNER: D.L. Louchery; Dallas Bailey, et ux, et al; Kenneth O. Bailey, et ux; LEASE NO: DV021531; 21417; DV019191 ACREAGE: 172; 35; 27.12; 20  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TVD 7,400'  
 PLUG AND ABANDON  CLEAN UP AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: MD 18,000'

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road  
Denver, CO 80202 Charleston, WV 25313

10/18/2013

Plat spotted

17- 06369



PETRA 7/5/2012 12:05:34 PM

DCW  
9-11-2013

**Antero Resources Corporation**

APPALACHIAN BASIN

Caswell Unit 1H

RECEIVED

Office of Oil and Gas  
1,606  
FEET

SEP 20 2013

REMARKS  
QUADRANGLE: BIG ISAC  
WATERSHED: BUCKEYE CREEK  
DISTRICT: GREENBRIER

WV Department of  
Environmental Protection  
July 6, 2012