

7,574' to Top Hole

11,145' to Bottom Hole

BOTTOM HOLE LATITUDE 39 - 17 - 30
TOP HOLE LATITUDE 39 - 15 - 00

**Antero Resources
Well No. Caswell Unit 2H
Antero Resources
Corporation**

Tax Map 5 Parcels			
Par	Owner	DB/Pg	Acres
1	12 Ricky & Carla Jan Watson	186/339	31.5
2	16 Phillip & Sue Ellen Rager	195/779	1.06
3	12.4 Mt. Olive Baptist Trustees	252/98	0.44
4	12.3 Mt. Olive Baptist Trustees	214/734	0.07
5	13 Mt. Olive Baptist Trustees		2.65
6	17.1 William & Leanna J. Davis	229/116	0.55
7	17 James Jr. & Jo Anne Davis	168/338	1.45
8	20 Tillman Lee Williams	246/344	13.5

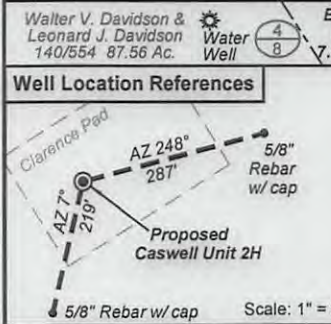
Tax Map 321 Parcels			
Par	Owner	DB/Pg	Acres
9	5.4 Ralph D. Brown	1277/869	38.13
10	22.1 Earl Dixon	1062/878	3.17
11	21 Dave & Jennifer Lohman	1369/196	44.0
12	5.5 Ralph D. & Barbara Brown	1219/935	38.13
13	Not Assigned		
14	12.2 Layman Foundation	1300/641	4.81
15	3 Francis & Edith Marinaro	1348/836	19.28
16	3.1 Francis & Edith Marinaro	1461/310	3.75
17	13 Linda S. Lunsford	1219/947	33.0
18	4.4 Gordon & Kerry Edgell	1466/590	0.78
19	4.2 Gordon & Kerry Edgell	1466/588	0.16
20	5.6 Linda S. Lunsford	1219/947	5.13
21	12 Miracle Meadows School	1210/9	51.02
22	12.1 Layman Foundation	1307/743	4.80
23	33 James L. Jenkins	1345/1059	28.14
24	32 James L. Jenkins	1345/1059	12.10
25	22 James P. & Anna Taylor	1188/435	61.53

Line	Bearing	Distance
L1	N 87°50' E	872.0'
L2	N 84°27' W	1248.6
L3	N 76°40' W	612.8'
L4	N 64°15' W	1515.3'

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Caswell Unit 2H Top Hole coordinates are N: 273,009.79 Latitude: 39°14'40.68"
E: 1,697,432.15 Longitude: 80°34'05.99"
Bottom Hole coordinates are N: 282,870.83 Latitude: 39°16'17.74"
E: 1,694,036.56 Longitude: 80°34'50.66"
UTM Zone 17, NAD 1983
Top Hole Coordinates: Bottom Hole Coordinates:
N: 4,344,023.050m N: 4,347,009.989m
E: 537,265.573m E: 536,181.036m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

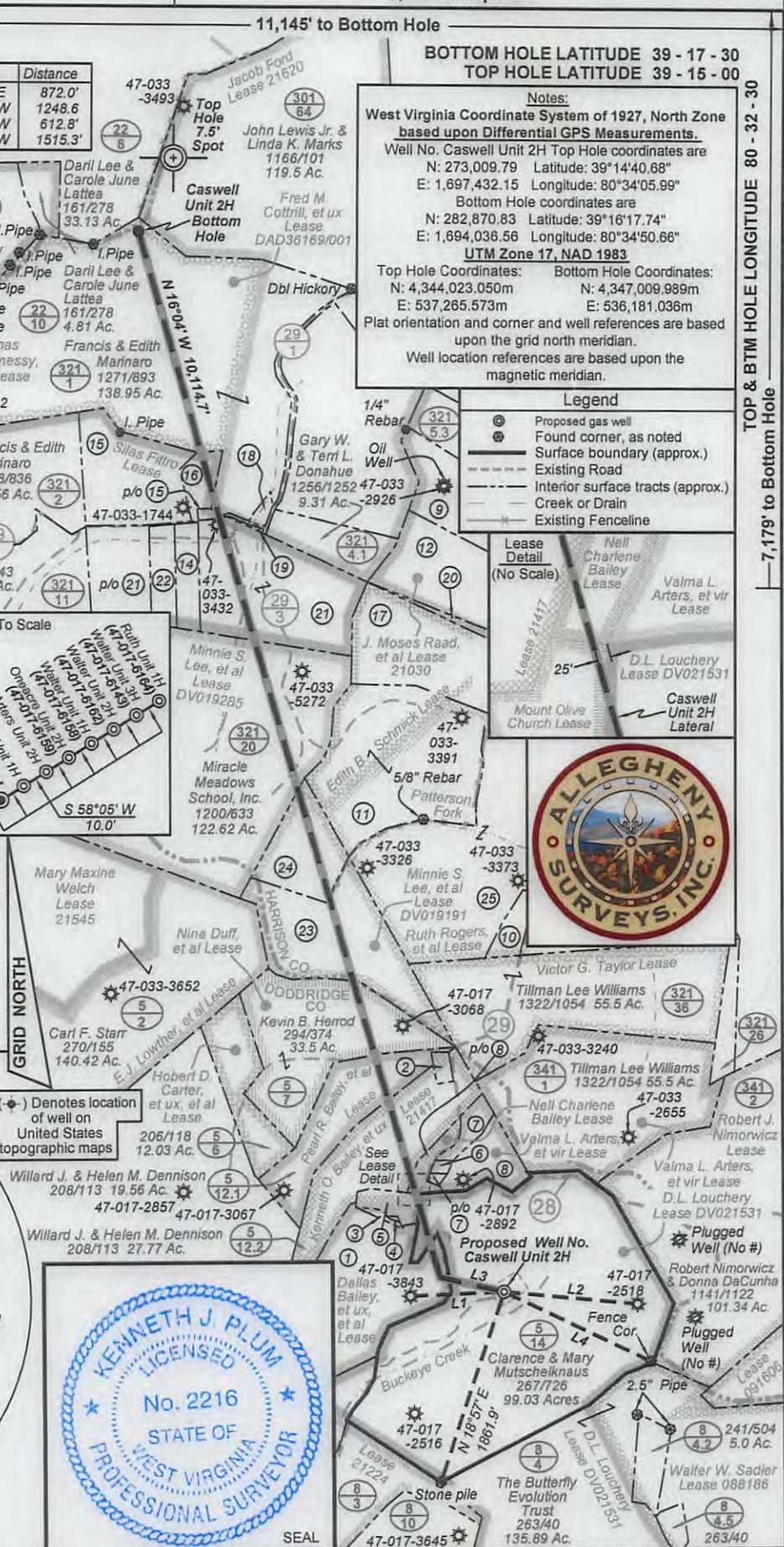
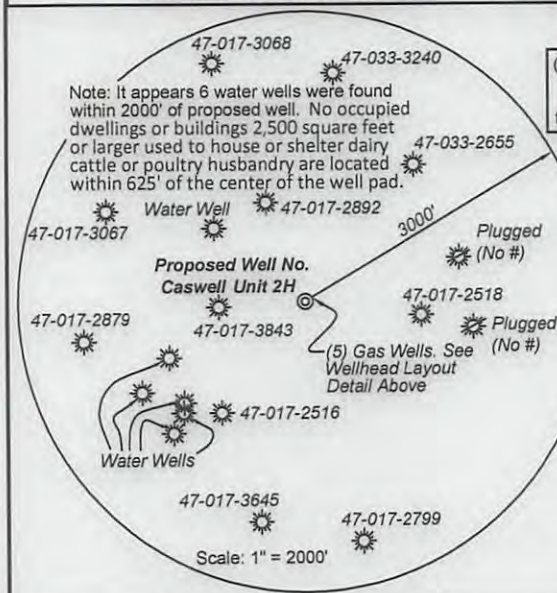
Legend

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



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



FILE NO: 356-30-G-12
DRAWING NO: 356-12 Caswell 2H Well
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

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

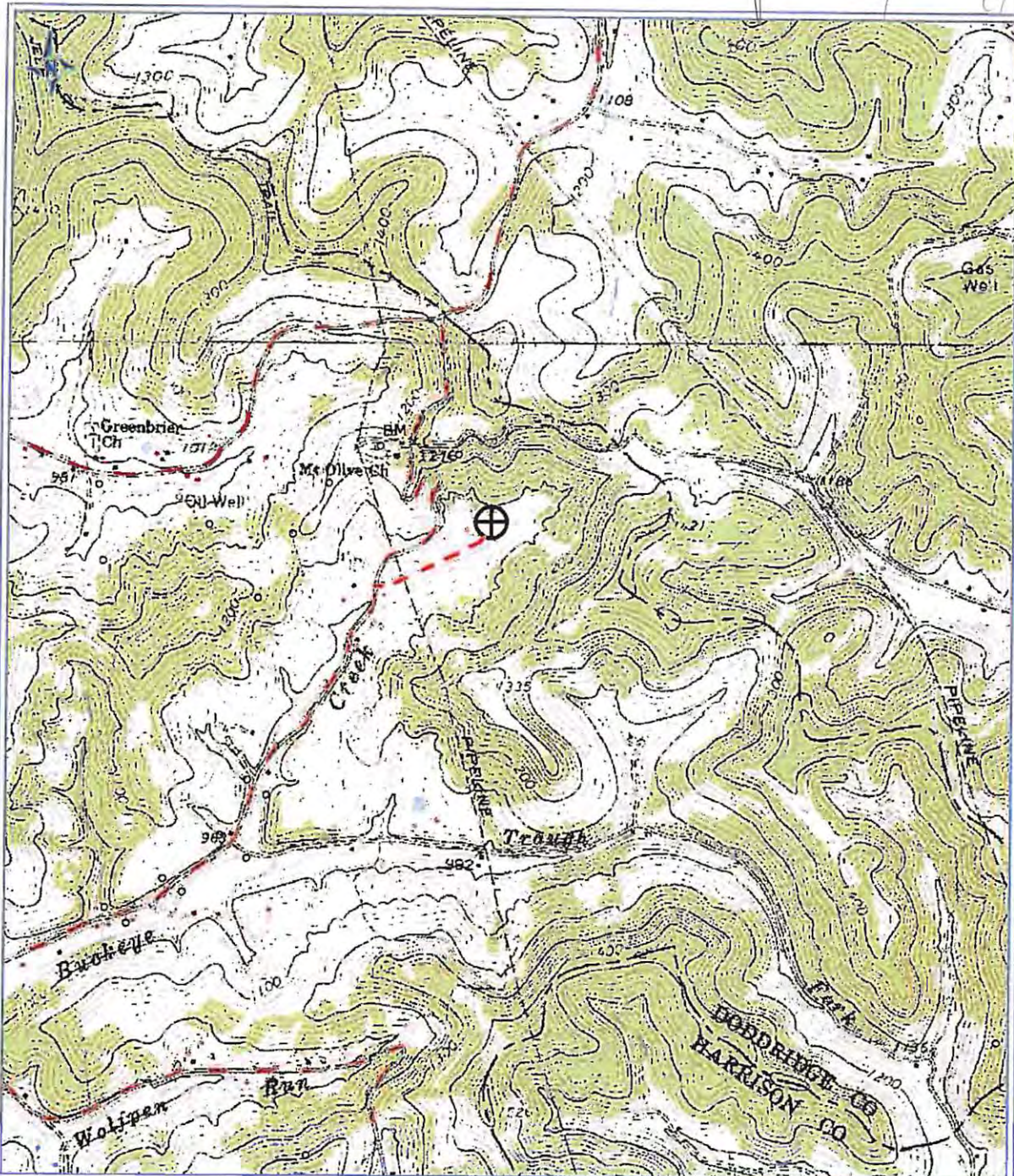
DATE: September 9 2013
OPERATOR'S WELL NO. Caswell Unit 2H
API WELL NO. 47 - 017 - 6317
STATE COUNTY PERMIT

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 ACREAGE: 99.03
ROYALTY OWNER: D. L. Louchery; Mount Olive Church; Kenneth O. Bailey, et ux; Jacob Ford LEASE NO: DV019191; DAD36169/001; DV019285; 21620 ACREAGE: 172; 2.65 27.12; 20; 42
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 OUT 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

10/25/2013

plat spotted ✓



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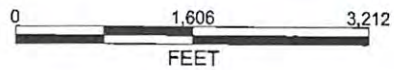
DCW
9-30-2013

17 06377

Antero Resources Corporation

APPALACHIAN BASIN

Caswell Unit 2H



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

Received
 Office of Oil & Gas

By: ECM

July 6, 2012

OCT 1 2013