

7,389' to Top Hole

3,217' to Bottom Hole

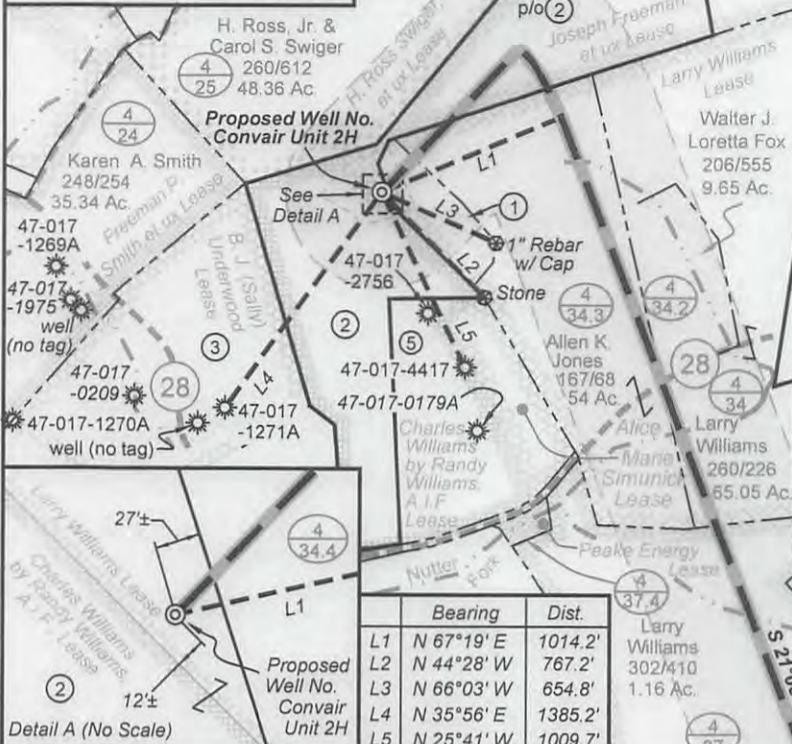
TOP HOLE LATITUDE 39 - 22 - 30
BTM HOLE LATITUDE 39 - 20 - 00

LONGITUDE 80 - 45 - 00

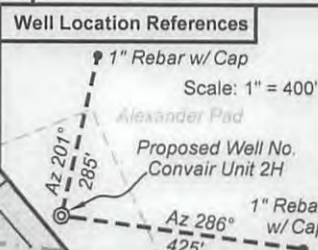
14,209' to Top Hole

Antero Resources
Well No. Convair Unit 2H
Antero Resources Corporation

Clifford H. & Susan M. Kraft 194/667
71.5 Ac



Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Convair Unit 2H Top Hole coordinates are
N: 306,941.63' Latitude: 39°20'08.54"
E: 1,639,254.79' Longitude: 80°46'31.52"
Bottom Hole coordinates are
N: 299,486.03' Latitude: 39°18'55.41"
E: 1,643,215.78' Longitude: 80°45'39.78"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,354,064.535m N: 4,351,813.332m
E: 519,369.208m E: 520,613.814m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.



(-o-) Denotes Location of Well on United States Topographic Maps

Bottom Hole 7.5' Spot

Lease Table
A. David Lipscomb Lease
B.

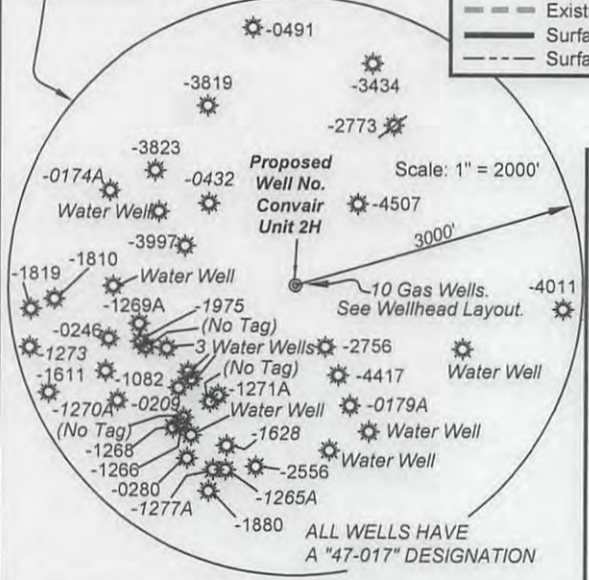
No.	TM-Par	Owner	Bk/Pg	Acres
1	4-34.4	Matthew W. Alexander & Linda Marie Muhly	320/629	4.50
2	4-32	Matthew W. Alexander & Linda Marie Muhly	241/412	43.94
3	4-30	Kathryn J. Sisler, et al	211/302	30.5
4	7-19	Janet & James R. Fraley	185/112	2.6
5	4-32.1	Andy H. & Carrie K. Kurtz	349/322	20.0
6	7-29	Steve T. & Sharon A. Gaspar	220/5	182.67

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



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.



Legend

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

- Wellhead Layout**
Detail Not to Scale
- Edgar Unit 3H (47-017-6856)
 - Edgar Unit 2H (47-017-6855)
 - Edgar Unit 1H (47-017-6854)
 - Scorpio Unit 2H (47-017-6861)
 - Scorpio Unit 1H (47-017-6860)
 - Convair Unit 3H (47-017-6853)
 - Proposed Convair Unit 2H (47-017-6859)
 - Convair Unit 1H (47-017-6858)
 - Northrop Unit 2H (47-017-6857)
 - Northrop Unit 1H (47-017-6791)

Notes:
Well No. Convair Unit 2H UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,284,245.16'
E: 1,703,916.51'
Point of Entry Coordinates
N: 14,284,651.70'
E: 1,704,845.29'
Bottom Hole Coordinates
N: 14,276,859.25'
E: 1,707,999.88'



FILE NO: 47-30-WU-14
DRAWING NO: Convair 2H Well Plat 11-16
SCALE: 1" = 1000'
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. Convair Unit 2H
API WELL NO
47 - 017 - 06859
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: Existing Grade - 1197' Proposed Grade - 1181' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
DISTRICT: West Union Matthew W. Alexander Joseph Freeman, et ux; COUNTY: Doddridge 03/16/2018
SURFACE OWNER: & Linda Marie Muhly William A. Farr; Charles C. Smith, et al ACREAGE: 43.94 45.8; 450
ROYALTY OWNER: Claude F. Smith, et al; Carole Hanlon; Larry Williams; William Ashburn Heirs LEASE NO: ACREAGE: 428.51; 71.5
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 16,500' 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