

10,963' to Top Hole

1,470' to Bottom Hole
TOP & BTM HOLE LATITUDE 39 - 35 - 00

BTM HOLE LONGITUDE 80 - 57 - 30
TOP HOLE LONGITUDE 80 - 55 - 00

7,938' to Bottom Hole
13,952' to Top Hole

Antero Resources
Well No. Pursley Unit 2HD
Antero Resources Corporation
172.40 Acre Unit

Scale: 1" = 2000'

Oil Wells (Abandoned)

Water Well

Proposed Well No. Pursley Unit 2HD

Notes: A) It appears 1 water well was 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.
B) There are no existing deep wells within a 2 mile radius of the proposed well.

Line	Bearing	Dist.
L1	S 27°41' E	1336.6'
L2	S 21°04' E	1243.7'
L3	S 74°38' W	1295.4'
L4	N 71°52' W	343.5'

Bottom Hole 7.5' Spot

Lessor	
A	Robert D. Nalley, et ux Lease (38.63 Ac.)
B	Victoria Keller, et al Lease (26.54 Ac.)
C	Debra L. Smith Lease
D	R. L. Dieterich Lease (0.40 Ac.)

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

Walter Busch Reisinger Lease
359/504
8.54 Ac.

Michael E. Reed Memorandum of Oil & Gas Lease
349/516
72.57 Acres

Detail Not to Scale
48°46' W 10'
Gaiser Unit 1H
Pursley Unit 1H
Proposed Pursley Unit 2HD
Pursley Unit 3H
Pursley Unit 1H (09-02-130)

Well Location References
Scale: 1" = 200'

Proposed Well Pursley Unit 2HD
N 223° 28'
A 230'
17'

BRADLEY D. MILLER
LICENSED
No. 2167
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR
SEAL

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Pursley Unit 2HD Top Hole coordinates
N: 383,769.73' Latitude: 39°32'40.39"
E: 1,589,766.89' Longitude: 80°57'17.13"
Bottom Hole coordinates
N: 389,971.24' Latitude: 39°33'41.32"
E: 1,587,517.79' Longitude: 80°57'47.13"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,377,218.483m N: 4,379,096.357m
E: 503,902.065m E: 503,185.368m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Top Hole 7.5' Spot

FILE NO: 214-54-L-13
DRAWING NO: 214-13 Pursley 2HD Rev 5
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 971' WATERSHED: Pursley Creek of the Ohio River QUADRANGLE: Paden City
DISTRICT: Lincoln Robert D. & Virginia D. Nalley COUNTY: Tyler
SURFACE OWNER: William K. Johnson, et ux ACREAGE: 80 164;
ROYALTY OWNER: Robert D. Nalley, et ux; Victoria Keller, et al; Chris Starkey LEASE NO: ACREAGE: 214; 174; 80
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: Point Pleasant ESTIMATED DEPTH: 17,800' MD 10,800' TVD

WELL OPERATOR: Antero Resources Corporation
ADDRESS: 1615 Wynkoop Street
Denver, CO 80202

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

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

DATE: July 23 2014
OPERATOR'S WELL NO. Pursley Unit 2HD
API WELL NO. DEEP 47 - 095 - 02175 HG A
STATE COUNTY PERMIT

DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 5400 D Big Tyler Road
Charleston, WV 25313

Legend
Proposed gas well
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Interior surface tracts (approx.)

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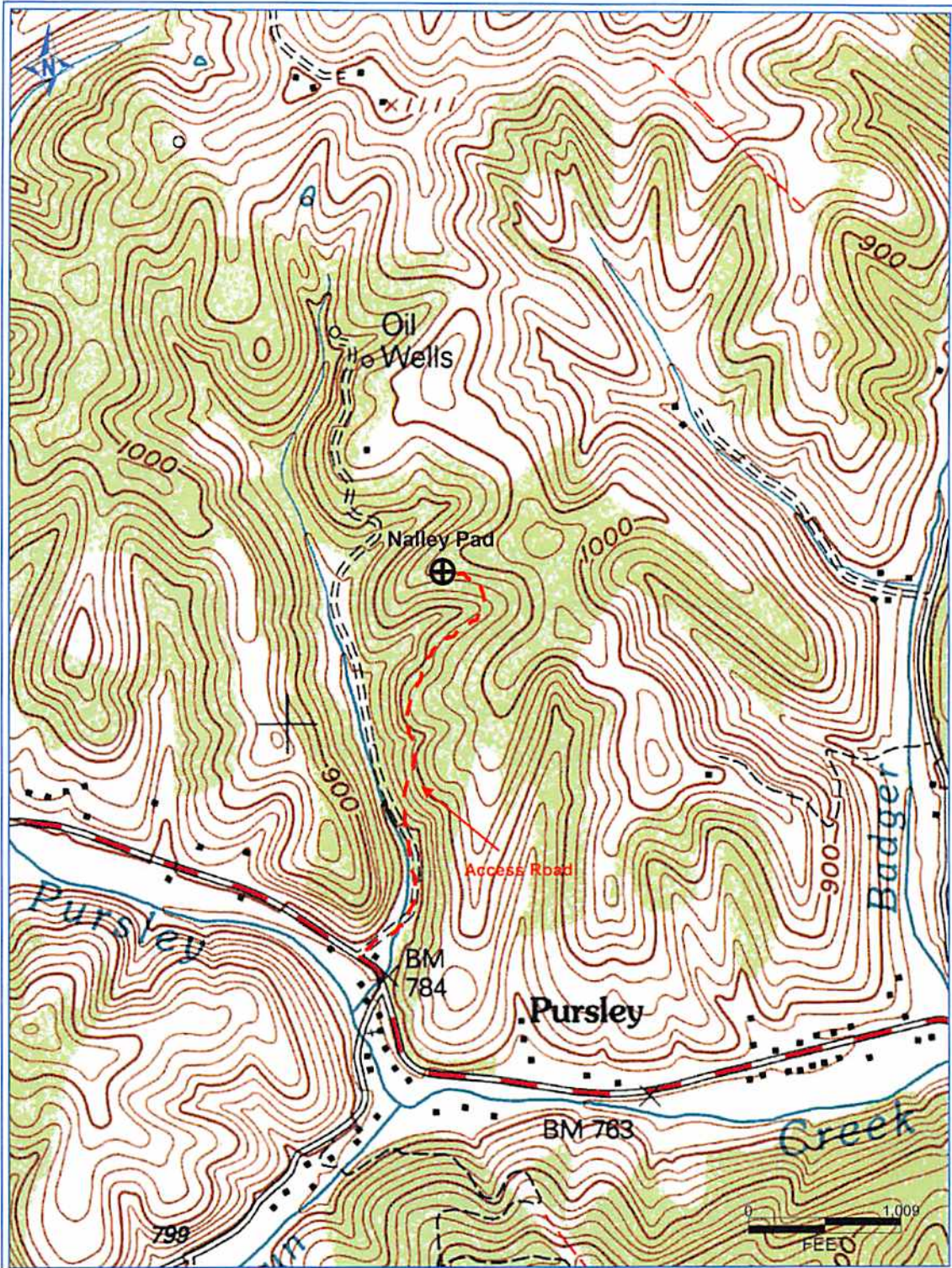
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Charleston, WV 25313



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 regulations issued and prescribed by the Department of Environmental Protection.
Bradley D. Miller
Bradley D. Miller, P.S. 2167

Tax Map 8 Owners			
Par.	Owner	Bk. Pg.	Acres
1 54	Robert D. & Virginia A. Nalley	198/41	80.0
2 7.2	Jack G. & Constance M. Gaiser	295/545	18.23
3 3.5	Russell J. Blatt II	343/677	4.91
4 3.6	Ronald L, Jr. & Crystal K. Perine	348/722	5.48
5 38.4	Carl W. & Jacqueline M. Woolwine	313/677	21.32
6 19.1	Hope Natural Gas, Inc. d/b/a Dominion Hope	337/454	0.52
7 7	Gerald E. & Sarah J. Moore	234/689	9.78
8 6	Robert E. & Audrey L. Christy	346/395	0.38

08/22/2014



PETRA 8/9/2013 9:46:13 AM

Antero Resources Corporation

Appalachian Basin
Pursley Unit 2HD
Tyler County

Quadrangle: Paden City
Watershed: Pursley Creek
District: Lincoln
Date: 8-9-2013

RECEIVED
Office of Oil and Gas
MAR 17 2014
WV Department of
Environmental Protection