

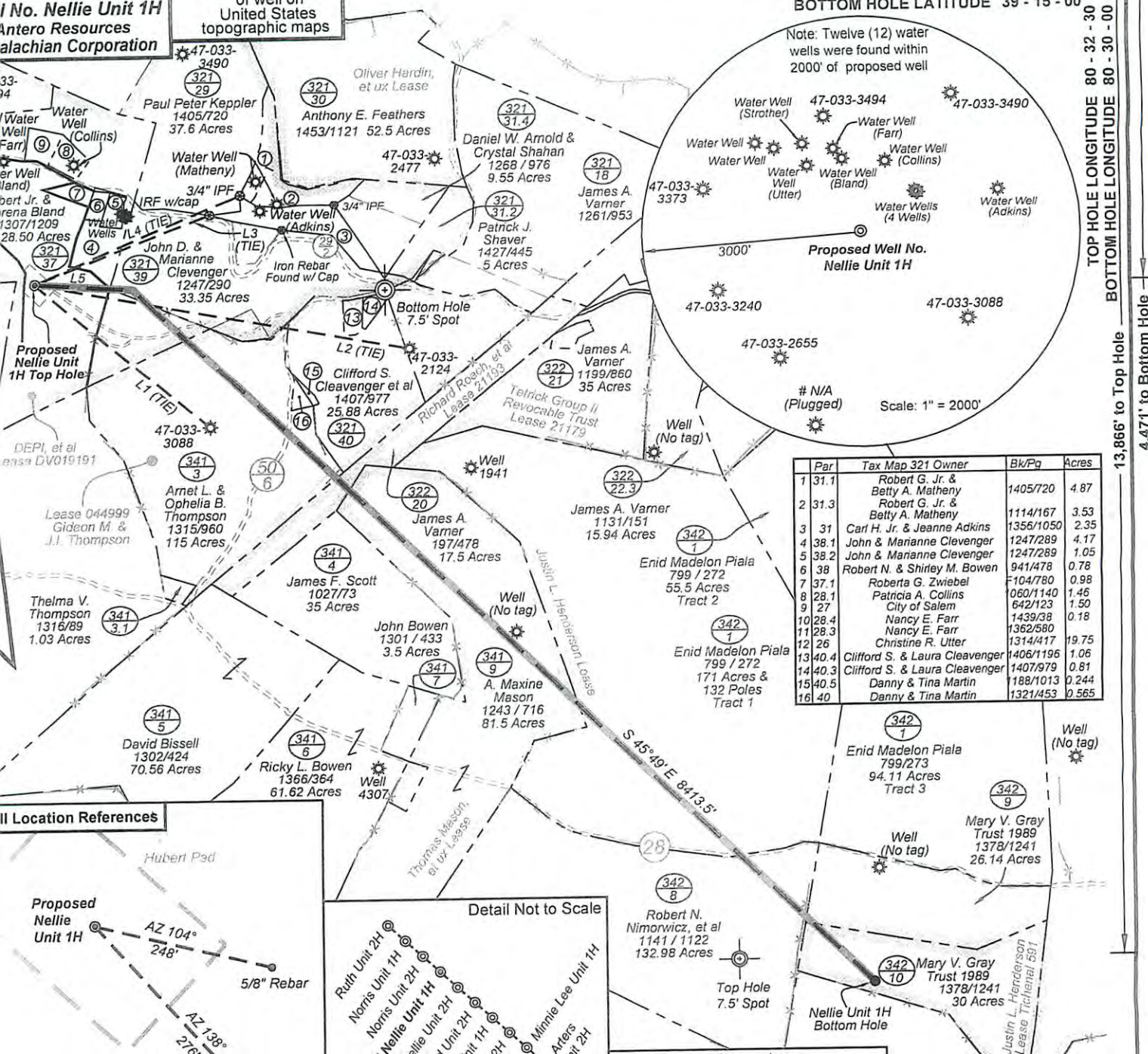
Antero Resources
Nellie Unit 1H
Antero Resources
Appalachian Corporation

(*) Denotes location of well on United States topographic maps

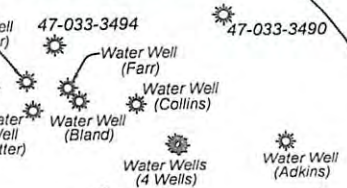
5,459' to Top Hole

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

TOP HOLE LONGITUDE 80 - 32 - 30
BOTTOM HOLE LONGITUDE 80 - 30 - 00



Note: Twelve (12) water wells were found within 2000' of proposed well

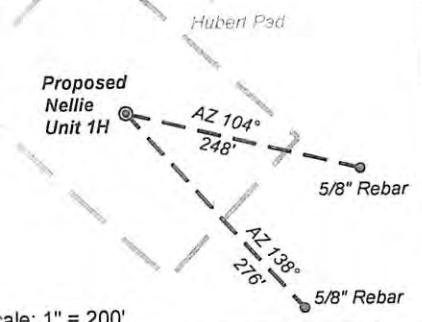


Proposed Well No. Nellie Unit 1H

Scale: 1" = 2000'

Par	Tax Map 321	Owner	Bk/Pg	Acres
1	31.1	Robert G. Jr. & Betty A. Matheny	1405/720	4.87
2	31.3	Robert G. Jr. & Betty A. Matheny	1114/167	3.53
3	31	Carl H. Jr. & Jeanne Adkins	1356/1050	2.35
4	38.1	John & Marianne Clevenger	1247/289	4.17
5	38.2	John & Marianne Clevenger	1247/289	1.05
6	38	Robert N. & Shirley M. Bowen	F-104/780	0.98
7	37.1	Roberta G. Zwiebel	941/478	0.78
8	28.1	Patricia A. Collins	060/1140	1.46
9	27	City of Salem	642/123	1.50
10	28.4	Nancy E. Farr	1439/38	0.18
11	28.3	Nancy E. Farr	1362/580	19.75
12	26	Christine R. Utter	1314/417	1.06
13	40.4	Clifford S. & Laura Clevenger	1406/1196	0.81
14	40.3	Clifford S. & Laura Clevenger	1407/979	0.244
15	40.5	Danny & Tina Martin	188/1013	0.565
16	40	Danny & Tina Martin	1321/453	0.565

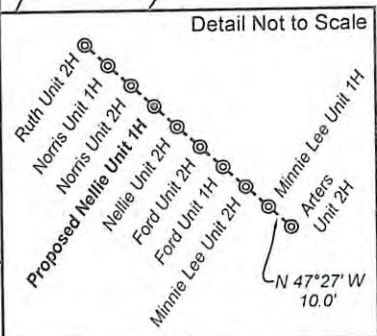
Location References



Scale: 1" = 200'

Notes:

West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Nellie Unit 1H Top Hole coordinates are
N: 276,184.63 Latitude: 39°15'12.33"
E: 1,699,722.62 Longitude: 80°33'37.35"
Bottom Hole coordinates are
N: 270,270.63 Latitude: 39°14'14.67"
E: 1,706,572.92 Longitude: 80°32'09.41"
UTM Zone 17, NAD 1983
Top Hole Coordinates: Bottom Hole Coordinates:
N: 4,345,001.917m N: 4,343,235.017m
E: 537,947.260m E: 540,064.278m
Well location and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.



DWAYNE D. MATHENY
LICENSED
No. 2070
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR
SEAL

Legend

Line	Bearing	Distance
L1	N 49°46' W	1888.9'
L2	N 79°27' W	3129.8'
L3	S 68°33' W	1564.5'
L4	S 66°32' W	1862.3'
L5	S 86°26' E	817.7'

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.

Dwayne D. Matheny, P.S. 2070



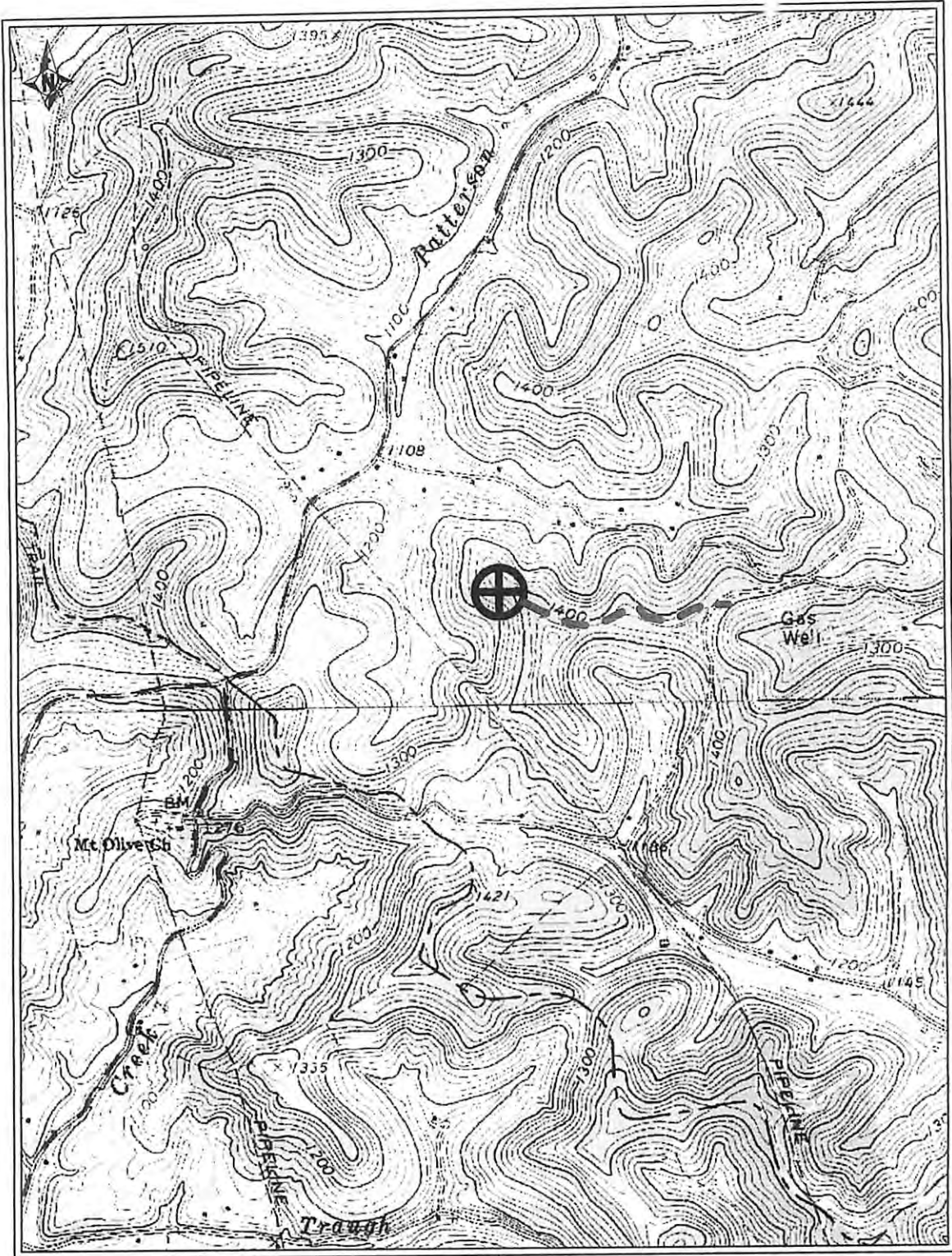
FILE NO: 70-36-U-12
DRAWING NO: 70-122 Nellie 1H Well Plat
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

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

DATE: September 14, 2012
OPERATOR'S WELL NO. Nellie Unit 1H
API WELL NO: 47-033-056936H6
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1376' WATERSHED: Patterson Fork QUADRANGLE: Salem & Big Isaac
DISTRICT: Tenmile COUNTY: Harrison
SURFACE OWNER: Hubert Jr. & Lorena Bland Justin L. Henderson Thomas Mason, et ux Tichenal 591 DAD45697; 21193; ACREAGE: 28.50 80; 30
ROYALTY OWNER: DEPI, et al; Gideon M. & J.I. Thompson; Richard Roach, et al LEASE NO: DV019191; 044999 ACREAGE: 283; 144; 17.50
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) TVD 7,700'
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: MD 17,000'
WELL OPERATOR: Antero Resources Appalachian Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313

11/30/2012



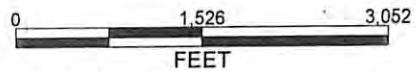
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Antero Resources Corporation

Appalachia Basin

Nellie Unit 1H

Harrison County



REMARKS
QUADRANGLE : SALEM & BIG ISAAC
WATERSHED : PATTERSON FORK
DISTRICT : TENMILE

By: ECM

August 14, 2012