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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Jim Justice , Governor  
Austin Caperton , Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Friday, March 10, 2017  
NOTICE OF PERMIT CANCELLATION  
Horizontal 6A / Horizontal 6A Well - 1

ANTERO RESOURCES CORPORATION (A)  
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit cancellation for GOLDSMITH UNIT 2H  
47-017-06589-00-00

The FINAL INSPECTION REPORT for the CANCELLED PERMIT, issued for U.S. Well Number 47-017-06589-00-00 , has been received by the Office of Oil and Gas. The permit has been cancelled as of 9/16/2014 .

If there are any questions, please feel free to contact me at (304) 926- 0450.

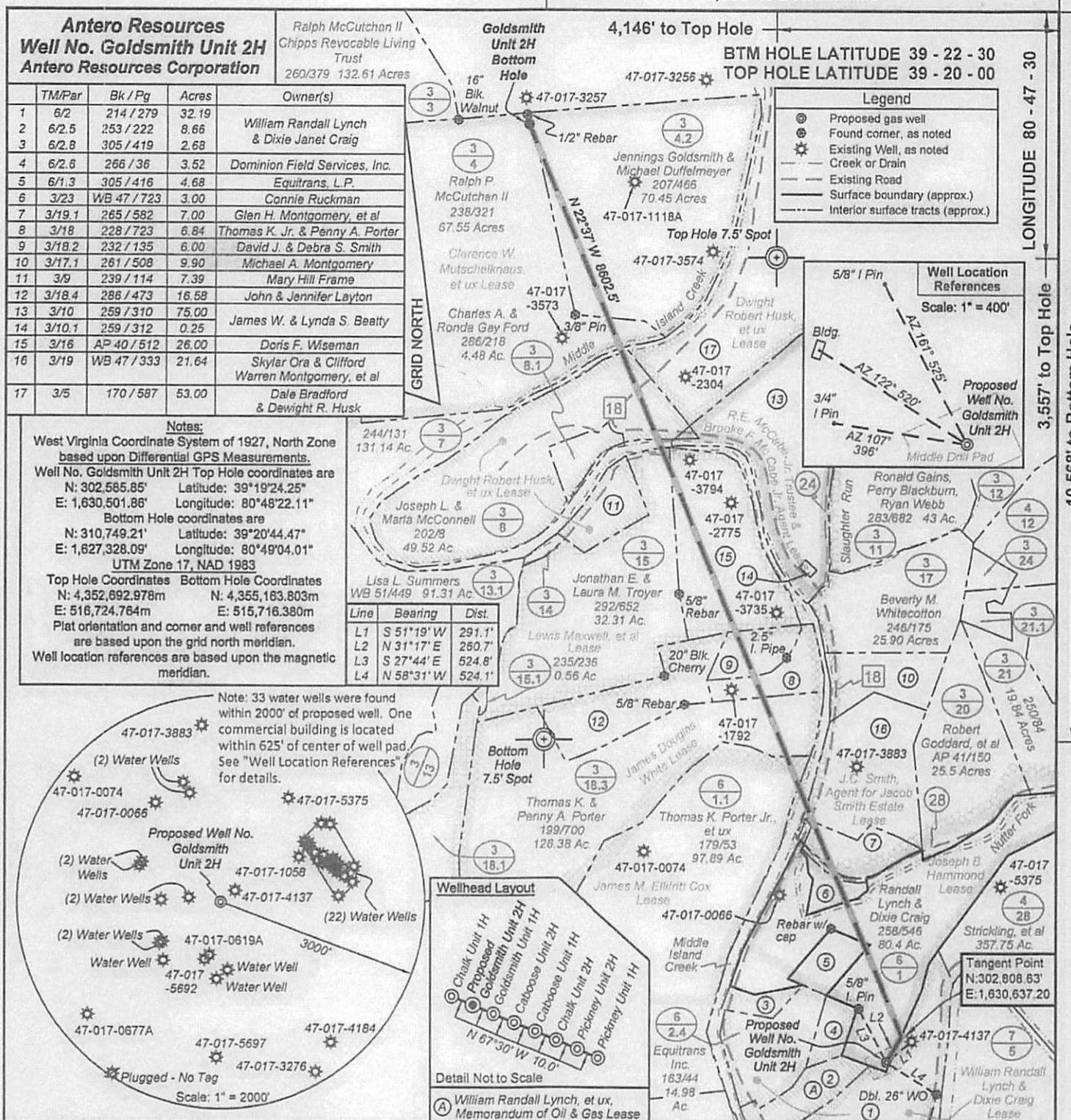
James A. Martin  
Chief

Operator's Well Number: GOLDSMITH UNIT 2H  
Farm Name: LYNCH, RANDALL & CRAIG, DIXIE  
U.S. WELL NUMBER: 47-017-06589-00-00  
Horizontal 6A / Horizontal 6A Well - 1  
Date Cancelled: 9/16/2014

Promoting a healthy environment.

03/10/2017

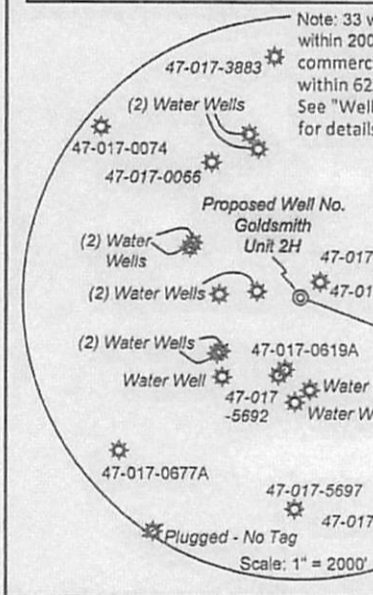




**Antero Resources**  
Well No. Goldsmith Unit 2H  
Antero Resources Corporation

TM/Par	Bk / Pg	Acres	Owner(s)
1	6/2	214 / 279	32.19
2	6/2.5	253 / 222	8.66
3	6/2.8	305 / 419	2.68
4	6/2.6	266 / 36	3.52
5	6/1.3	305 / 416	4.68
6	3/23	WB 47 / 723	3.00
7	3/19.1	265 / 582	7.00
8	3/18	228 / 723	6.84
9	3/18.2	232 / 135	6.00
10	3/17.1	261 / 508	9.90
11	3/9	239 / 114	7.39
12	3/18.4	286 / 473	16.58
13	3/10	259 / 310	75.00
14	3/10.1	259 / 312	0.25
15	3/16	AP 40 / 512	26.00
16	3/19	WB 47 / 333	21.64
17	3/5	170 / 587	53.00

**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Goldsmith Unit 2H Top Hole coordinates are  
N: 302,585.85' Latitude: 39°19'24.25"  
E: 1,630,501.86' Longitude: 80°48'22.11"  
Bottom Hole coordinates are  
N: 310,749.21' Latitude: 39°20'44.47"  
E: 1,627,328.09' Longitude: 80°49'04.01"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates N: 4,352,692.978m E: 516,724.784m  
Bottom Hole Coordinates N: 4,355,163.803m E: 515,716.380m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

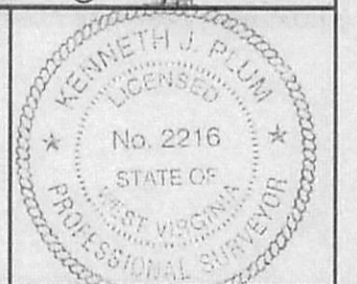


Note: 33 water wells were found within 2000' of proposed well. One commercial building is located within 625' of center of well pad. See "Well Location References" for details.



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: 201-30-WU-14  
DRAWING NO: 201-14 Goldsmith 2H Plat  
SCALE: 1" = 1200'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Marietta, OH

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

DATE: August 15 20 14  
Operator's Well No. Goldsmith Unit 2H  
API WELL NO 47-017-06589  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 863' WATERSHED: Middle Island Creek QUADRANGLE: West Union  
DISTRICT: West Union COUNTY: Doddridge  
SURFACE OWNER: Randall Lynch & Dixie Craig ACREAGE: 80.03  
ROYALTY OWNER: Clarence W. Mutschelknaus, et ux; James Douglas White; Lewis Maxwell, et al LEASE NO: ACREAGE: 168; 61.361; 105  
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: Marcellus Shale ESTIMATED DEPTH: 6,600' TVD  
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

**- CANCELED -**

03/10/2017