

12,660' to Top Hole

3,209' to Bottom Hole

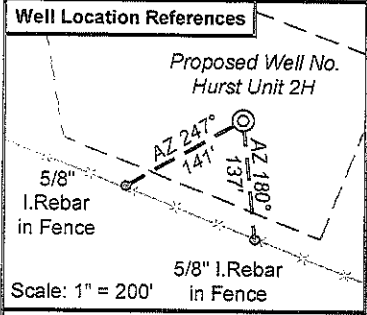
TOP HOLE LATITUDE 39 - 20 - 00  
BTM HOLE LATITUDE 39 - 22 - 30

BTM HOLE LONGITUDE 80 - 25 - 00  
TOP HOLE LONGITUDE 80 - 22 - 30

5,655' to Top Hole  
13,714' to Bottom Hole

**Antero Resources**  
**Well No. Hurst Unit 2H**  
**Antero Resources**  
**Appalachian Corporation**

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

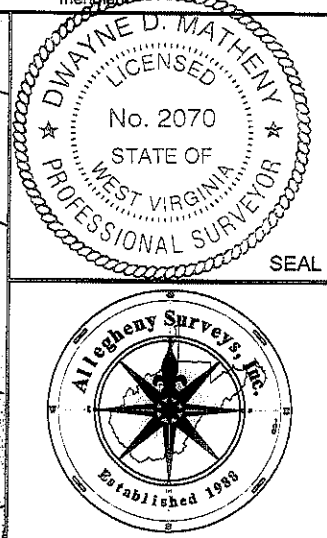
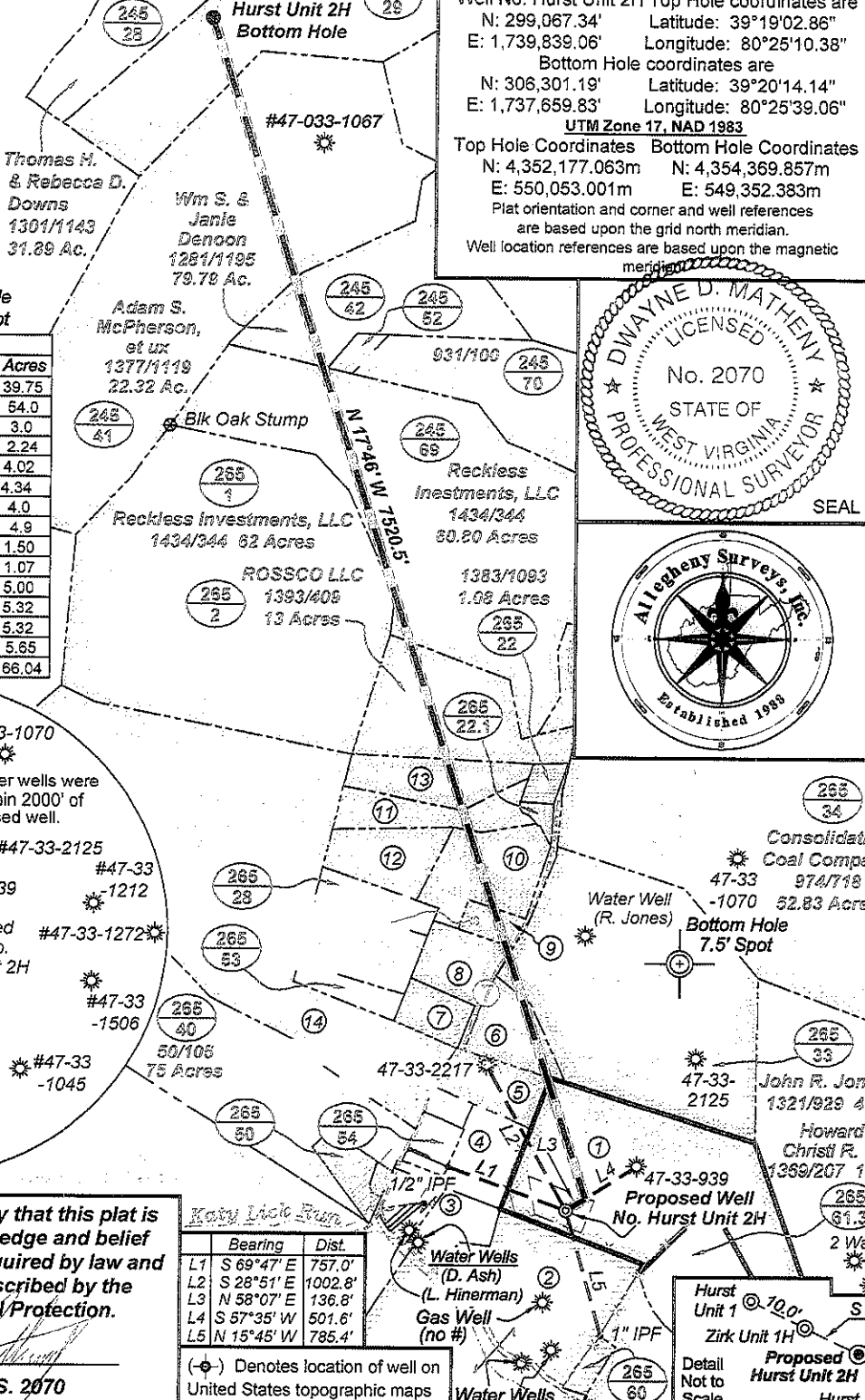
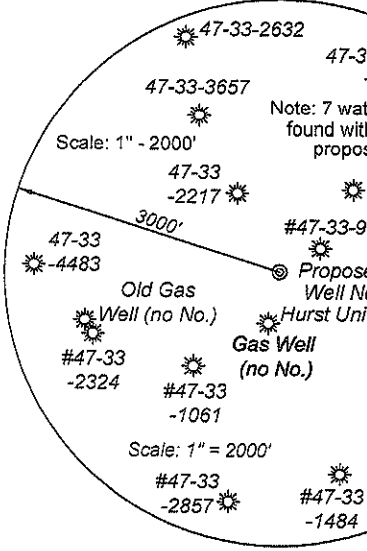


**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Hurst Unit 2H Top Hole coordinates are  
N: 299,067.34' Latitude: 39°19'02.86"  
E: 1,739,839.06' Longitude: 80°25'10.38"  
Bottom Hole coordinates are  
N: 306,301.19' Latitude: 39°20'14.14"  
E: 1,737,659.83' Longitude: 80°25'39.06"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,352,177.063m N: 4,354,369.857m  
E: 550,053.001m E: 549,352.383m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.



**Tax Map 265 Parcels**

Par	Owner	Bk/Pg	Acres
1 61	John & Catherine Jones	1321/929	39.75
2 88	James & Iris Wickenhofer	1135/396	64.0
3 58	Donald R. Ash	155/842	3.0
4 54.3	Todd & Donna Smith	1232/823	2.24
5 52.1	A. J. Hustead, et al	160/180	4.02
6 32	Paul Hammond	265/32	4.34
7 31.1	Billy Hinson	1388/1233	4.0
8 27-30-31	Douglas Hurst, et ux	1039/639	4.9
9 26	Chas & Guillermina Clutter	1206/315	1.50
10 25	Dustin E. McGinnis, et ux	1150/864	1.07
25.1	Dustin E. McGinnis, et ux	1150/864	5.00
11 23	Douglas E. Hurst, et ux	1150/864	5.32
12 24	Douglas E. Hurst, et ux	1150/864	5.32
13 21	Roscco, LLC	1393/409	5.65
14 20	Kyle & Beverly Arnold, et al	155/842	66.04



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*  
**Dwayne D. Matheny, P.S. 2070**

**Katy Lick Run**

Bearing	Dist.
L1 S 69°47' E	757.0'
L2 S 28°51' E	1002.8'
L3 N 58°07' E	136.8'
L4 S 57°35' W	501.6'
L5 N 15°45' W	785.4'

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

FILE NO: 183-36-C-09  
DRAWING NO: 183-09 Hurst Unit 2H  
SCALE: 1" = 1000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS Glenville, WV

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

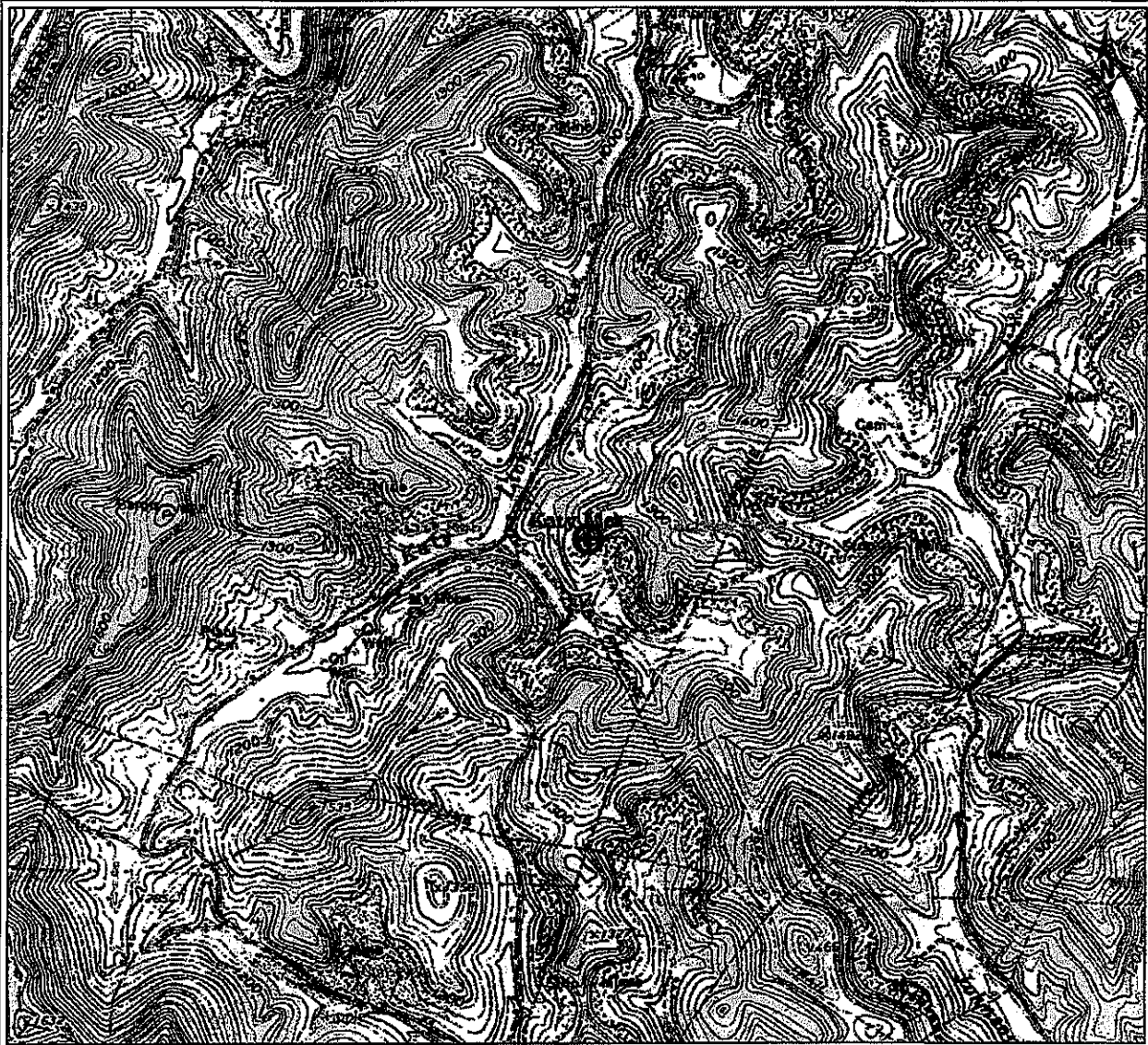
DATE: February 24 20 12  
OPERATOR'S WELL NO. Hurst Unit 2H  
API WELL NO  
47 - 033 - 05627  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1176' WATERSHED: Katy Lick Run QUADRANGLE: Wolf Summit  
DISTRICT: Sardis  
SURFACE OWNER: John R. & Catherine W. Jones  
ROYALTY OWNER: Francis Strother, et al; Destin E. & Rebecca S. McGinnis; TNO Petroleum Corp. & Waco Oil & Gas Co., Inc. & Michael Ross; The Pittston Co.  
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: ESTIMATED DEPTH: TVD 7,500' MD 16,300'

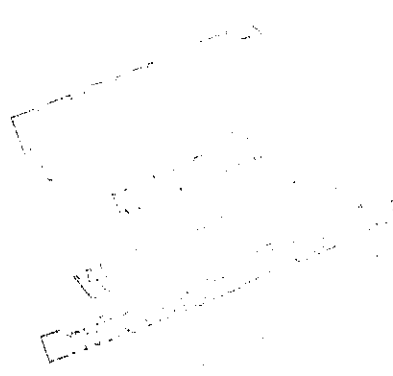
WELL OPERATOR: Antero Resources Appalachian Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road  
Denver, CO 80202 Charleston, WV 25313

06/22/2012

33-5627



PETRA 2/24/2012 1:40:42 PM



**Antero Resources Corporation**

APPALACHIAN BASIN

Hurst Unit 2H

Harrison County

REMARKS

QUADRANGLE: WOLF SUMMIT  
WATERSHED: KATY LICK RUN  
DISTRICT: SARDIS



February 24, 2012