

12,669' to Top Hole

2,671' to Bottom Hole

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

Antero Resources
Well No. Zirk Unit 1H
Antero Resources
Appalachian Corporation

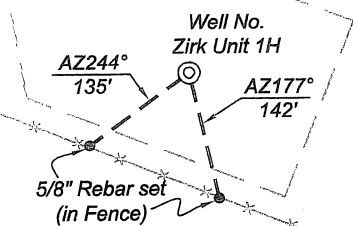
	Bearing	Dist.
L1	S 69°48' E	747.0'
L2	S 28°29' E	995.1'
L3	S 58°30' W	507.5'
L4	N 76°59' E	797.3'
L5	N 16°19' W	791.6'

Zirk Unit 1H
Bottom Hole
47-033
-1224

47-033-4316
Wm S. &
Janie Denoon
1281/1195
51.46 Ac.

Well Location References

Scale: 1" = 200'

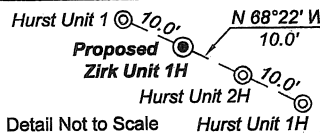


(⊕) Denotes location of well on United States topographic maps

Top Hole 7.5' Spot

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	54.0
3 54.3	Todd & Donna Smith	1232/823	2.24
4 52.1	A. J. Hustead, et al	160/180	4.02
5 32	Paul Hammond	265/32	4.34
6 25	Destin E. McGinnis, et ux	1150/864	1.07
7 22	Howard Swiger, et al	1383/1093	1.08



Detail Not to Scale

Thomas H. & Rebecca D. Downs
1301/1143
31.89 Ac.

Adam S. McPherson, et ux
1377/1119
22.32 Ac.

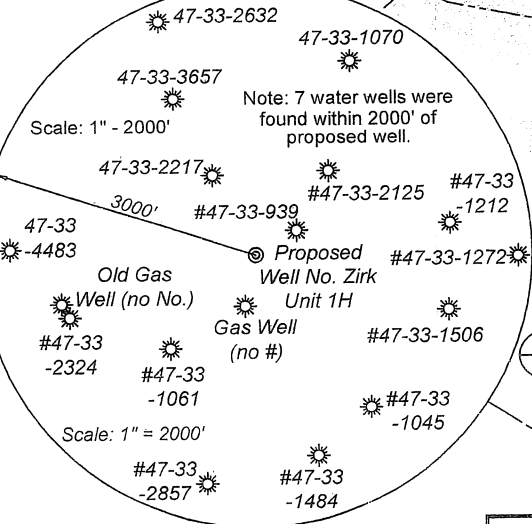
Wm S. & Janie Denoon
1281/1195
79.79 Acres

Reckless Investments, LLC
1434/344 62 Acres

Roscco, LLC
1393/409 13 Acres

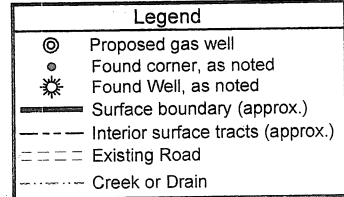
Reckless Investments, LLC
1434/344
60.80 Ac.

Rebar w/ yellow plastic cap LS 798



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



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

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

5,651' to Top Hole
13,241' to Bottom Hole

GRID NORTH

FILE NO: 261-36-C-11
DRAWING NO: 261-11 Zirk Unit 1H
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

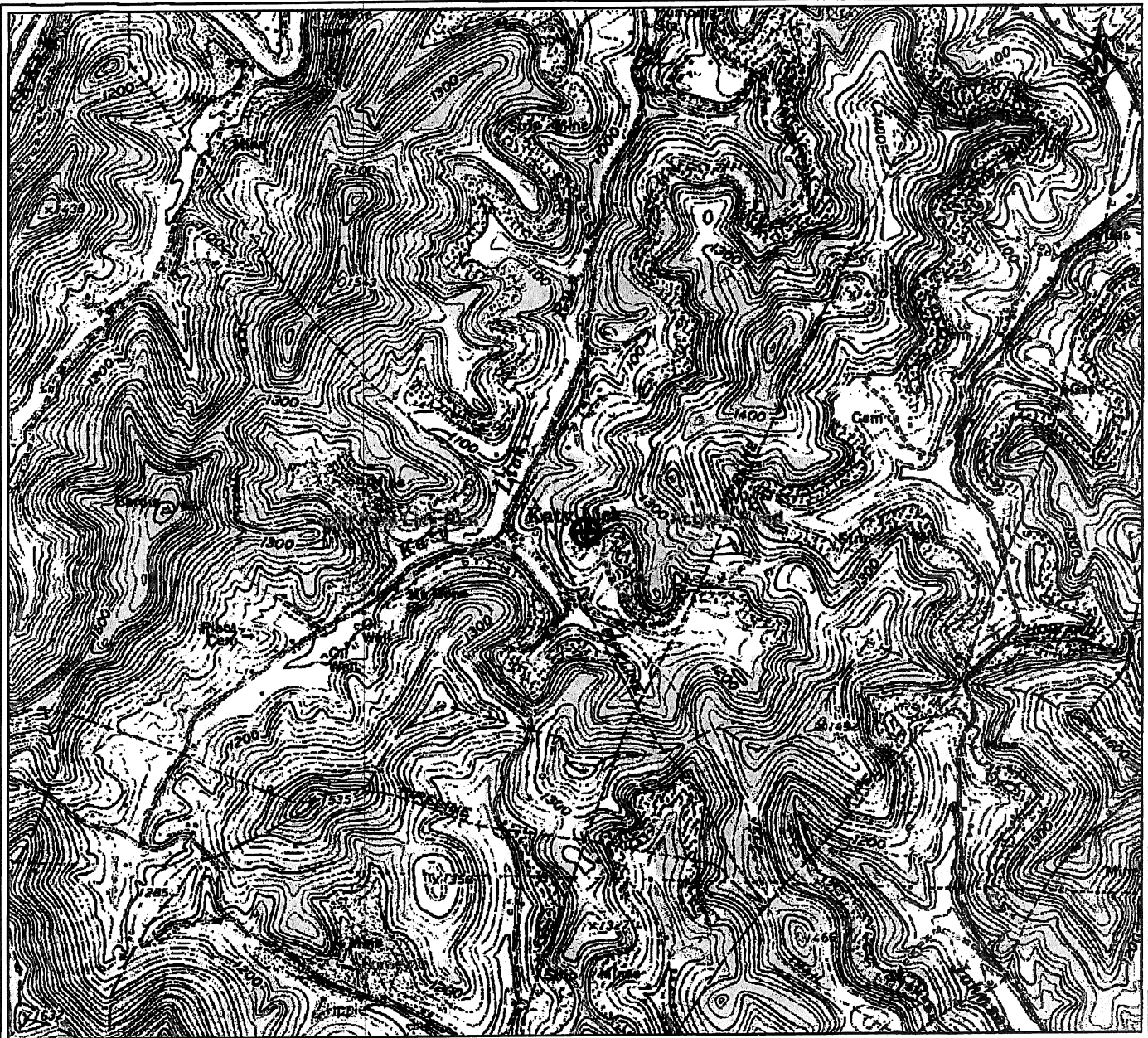
DATE: February 24 20 12
OPERATOR'S WELL NO. Zirk Unit 1H
API WELL NO
47 - 033 - 5620
STATE COUNTY PERMIT

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 Burman B. Zirkle, et al 3893 & 3894 COUNTY: Harrison
Chester C. & Lorene M. Yeater and Lynn Lechner DV016603
SURFACE OWNER: John R. & Catherine W. Jones Taylor Ward, et al; Francis Strother, et al 14-265-22; 002257 ACREAGE: 39.75 48.75
Howard Swiger & Sandra Toothman 002272 & 079964 183; 124; 79.79
OIL & GAS ROYALTY OWNER: John Hurst, et ux & DTI; The Pittson Co.; John Hurst, et ux LEASE #: p/o 045303; 002256 ACREAGE: 175; 1.08; 124; 13
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,500' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 17,500' MD

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

06/01/2012

33-5620



PETRA 2/24/2012 1:39:43 PM

Antero Resources Corporation

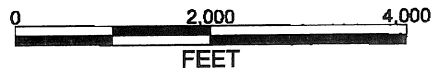
APPALACHIAN BASIN

Zirk Unit 1H

Harrison County

REMARKS

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



February 24, 2012

