

58' to Top Hole

← 3,776' to Bottom Hole
LATITUDE 39 - 07 - 30

TOP HOLE LONGITUDE 80 - 05 - 00
BTM HOLE LONGITUDE 80 - 02 - 30
1,212' to Top Hole

Top Hole 7.5' Spot
10,029' to Bottom Hole

**HG Energy II
Appalachia LLC
Well No. AUD7 HHS**

Notes:
Well No. AUD7 HHS
WVSPC NAD 1927
Top Hole Coordinates
N: 226,963.3'
E: 1,834,447.5'
Landing Point Coordinates
N: 225,763.7'
E: 1,834,304.0'
Bottom Hole Coordinates
N: 218,072.4'
E: 1,842,550.0'

Notes:
Well No. AUD7 HHS
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Latitude: 39°07'18.02" Longitude: 80°05'00.63" UTM Zone 17, NAD 1983
Bottom Hole coordinates Latitude: 39°05'50.65" Longitude: 80°03'17.13" UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,330,689.5m E: 579,242.1m
Bottom Hole Coordinates N: 4,328,021.8m E: 581,755.6m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

No.	TM-Par	Owner	Bk / Pg	Acres
1	13-9	Brian E. & Lisa L. Murphy	419 / 115	15.92
2	13-9.2	Jonathan T. & Kara Keener	421 / 34	1.99
3	13-11	Gene F. Herbert III	403 / 184	2.74
4	18-2.4	David & Sue Cross	238 / 199	5.20
5	18-2.3	Jerry & Annette Stalnaker	342 / 163	4.47
6	18-1.2	Randall Lee Stafford	479 / 148	1.00
7	18-1.3	Randall Lee Stafford	479 / 148	1.00
8	18-1.1	Jerry D. Stalnaker, et ux	224 / 417	1.00
9	18-1.5	Jerry D. Stalnaker, et ux	252 / 481	0.94
10	18-1.4	David & Darious Nuzum	250 / 40	1.17
11	18-1.7	Keith & Sharon Nuzum	461 / 616	0.31
12	18-1.6	Keith & Sharon Nuzum	461 / 616	0.59
13	18-65.2	Samuel & Kenna Wright	342 / 95	3.72
14	18-65.1	Samuel & Kenna Wright	342 / 95	1.50
15	18-3.2	Shelia Maxson	429 / 104	3.00
16	18-3	Stephen S. Maxson	410 / 555	0.50
17	18-3.3	Milton & Ruth Freeman	477 / 61	0.41
18	18-3.1	Milton & Ruth Freeman	234 / 435	5.50
19	18-85.1	Roy Murphy	353 / 106	10.00
20	18-85	Vicki Lawrence	469 / 629	26.50
21	18-88.2	Donald R. Williams	---	0.68
22	18-88	Donald & Deborah Williams	419 / 407	36.20
23	18-86	Marvin G. Ketchum, et al	127 / 362	2.00
24	18-88.3	Kristal Williams	381 / 289	0.908
25	18-89	Edward & Sherry Daugherty	470 / 610	0.62
26	18-88.5	Stacey Williams	476 / 425	1.72
27	18-89.1	William & Wilma Daugherty	352 / 140	0.08
28	18-96	Eugene & Linda Williams	456 / 246	0.57
29	18-104	Eugene & Linda Williams	367 / 33	0.44
30	20-4	Donald & Deborah Williams	392 / 87	12.43
31	20-4.2	Justin M. & Jessica D. Luff	391 / 556	13.78
32	20-2.1	William & Wilma Daugherty	273 / 168	3.15

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.

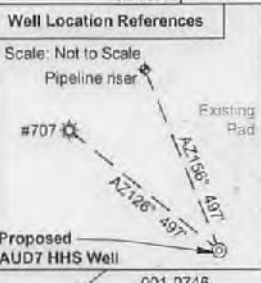
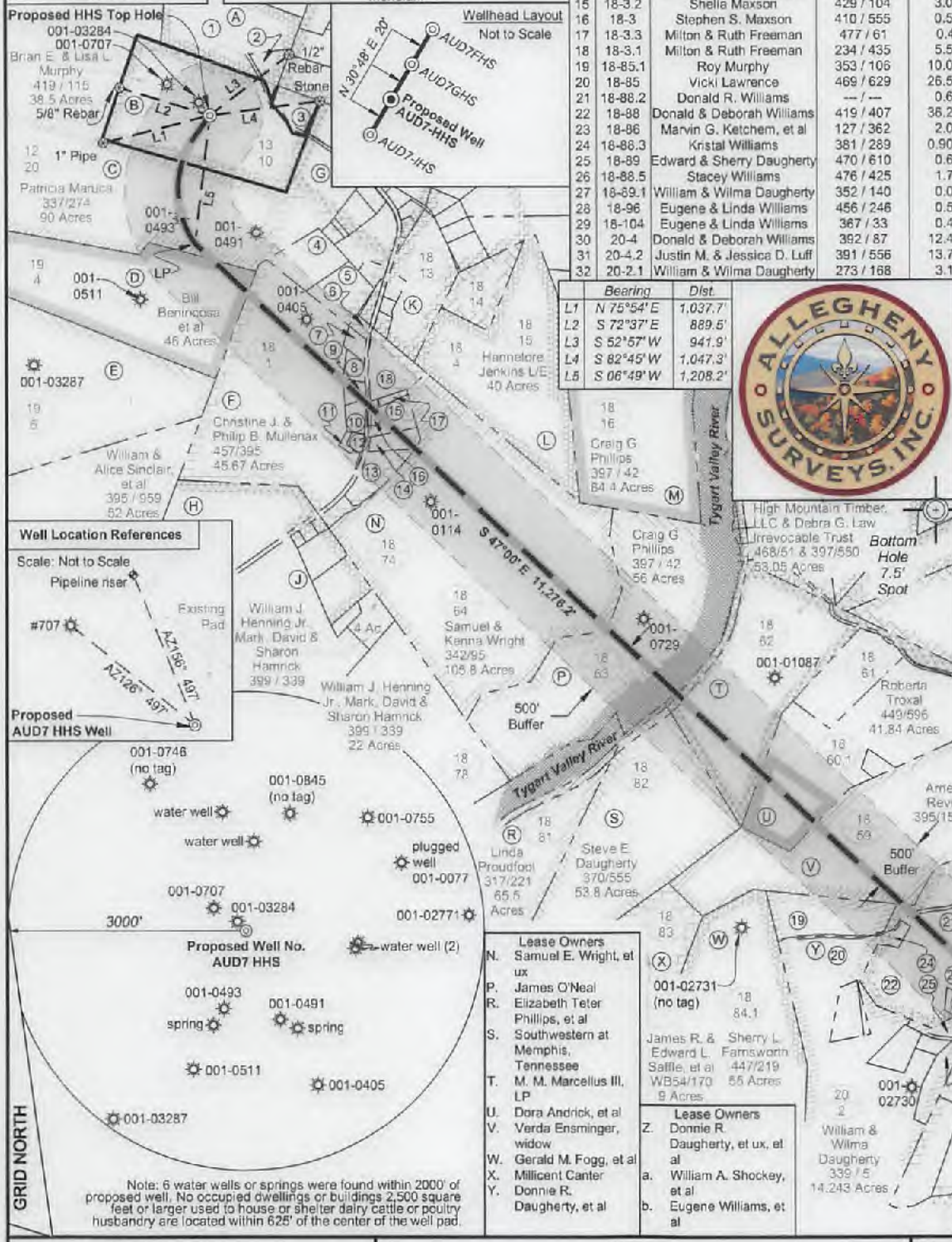
Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070

Bearing	Dist.
L1 N 75°54' E	1,037.7'
L2 S 72°37' E	889.6'
L3 S 52°57' W	941.9'
L4 S 82°45' W	1,047.3'
L5 S 06°49' W	1,208.2'



Legend

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



Well Location References
Scale: Not to Scale
Pipeline user #707
Existing Pad
#707
AZ 156° 49'

Proposed Well No. AUD7 HHS

Note: 6 water wells or springs were 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.

Lease Owners
N. Samuel E. Wright, et ux
P. James O'Neal
R. Elizabeth Teter Phillips, et al
S. Southwestern at Memphis, Tennessee
T. M. M. Marcellus III, LP
U. Dora Andrick, et al
V. Verda Ensminger, widow
W. Gerald M. Fogg, et al
X. Millicent Canter
Y. Donnie R. Daugherty, et al

Lease Owners
Z. Donnie R. Daugherty, et ux, et al
a. William A. Shockey, et al
b. Eugene Williams, et al

FILE NO: 279-10-P-17
DRAWING NO: AUD7 HHS Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

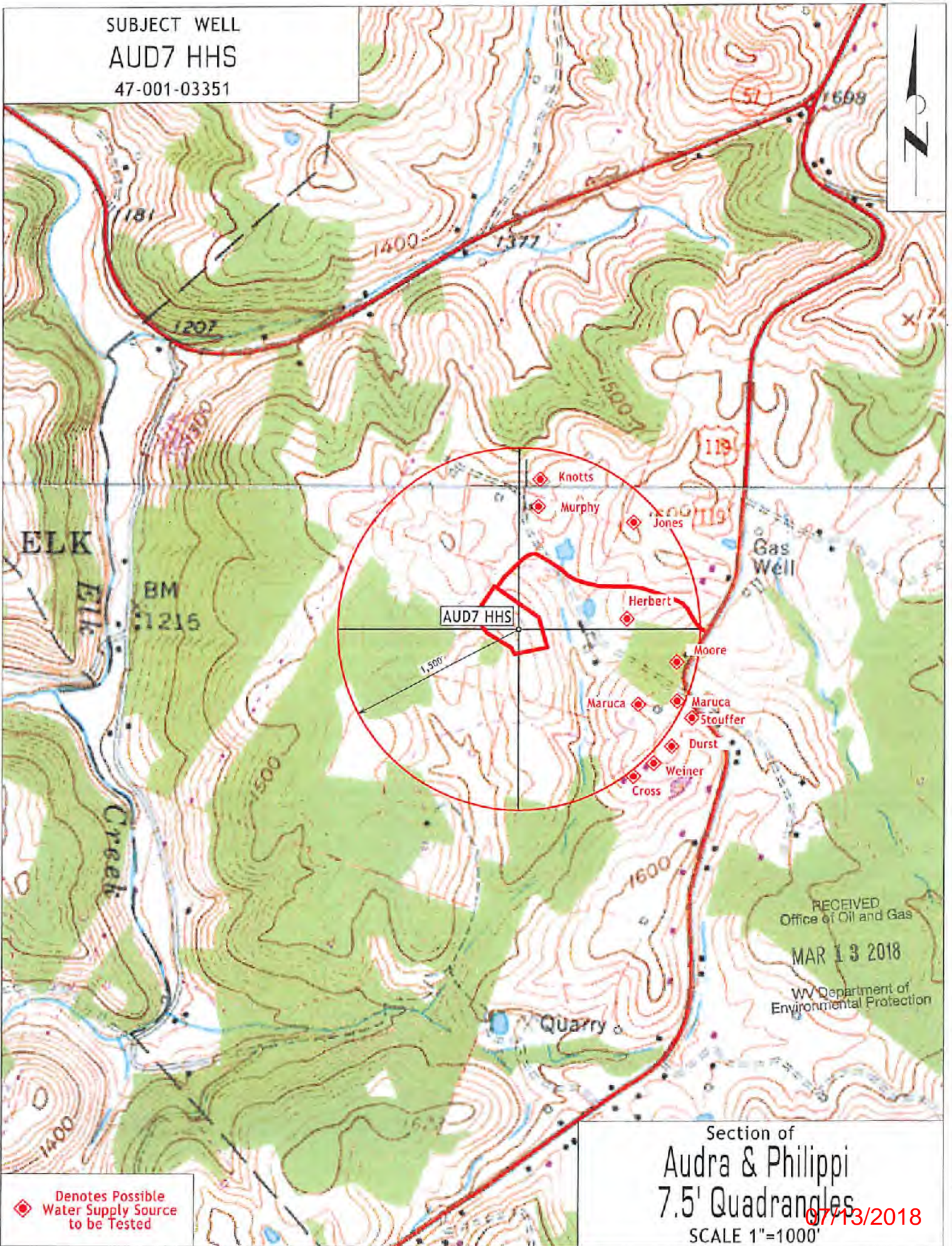
DATE: February 19 2018
OPERATOR'S WELL NO. AUD7 HHS
API WELL NO
47 - 001 - 03351 D D
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1565' WATERSHED: Elk Creek
DISTRICT: Philippi Brian E. &
SURFACE OWNER: Lisa L. Murphy
ROYALTY OWNER: Junior & Lucy P. Lantz, et al; et al LEASE NO: 085710 ACREAGE: 37.83;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 7,575' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,859' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

SUBJECT WELL
AUD7 HHS
47-001-03351



◆ Denotes Possible Water Supply Source to be Tested

RECEIVED
Office of Oil and Gas
MAR 13 2018
WV Department of Environmental Protection

Section of
Audra & Philippi
7.5' Quadrangles
SCALE 1"=1000'
07/13/2018