

68' to Top Hole

4,278' to Bottom Hole
LATITUDE 39 - 07 - 30

TOP HOLE LONGITUDE 80 - 05 - 00
BTM HOLE LONGITUDE 80 - 02 - 30
1,229' to Top Hole
7.5' Spot
11,050' to Bottom Hole

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

Notes:
Well No. AUD7 IHS
WVSPC NAD 1927
Top Hole Coordinates
N: 226,946.1'
E: 1,834,437.3'
Landing Point Coordinates
N: 224,869.7'
E: 1,833,663.5'
Bottom Hole Coordinates
N: 217,051.5'
E: 1,842,047.7'

Notes:
Well No. AUD7 IHS
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'17.85" Latitude: 39°05'40.52"
Longitude: 80°05'00.77" Longitude: 80°03'23.42"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,330,684.2m N: 4,327,708.2m
E: 579,239.0m E: 581,607.7m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

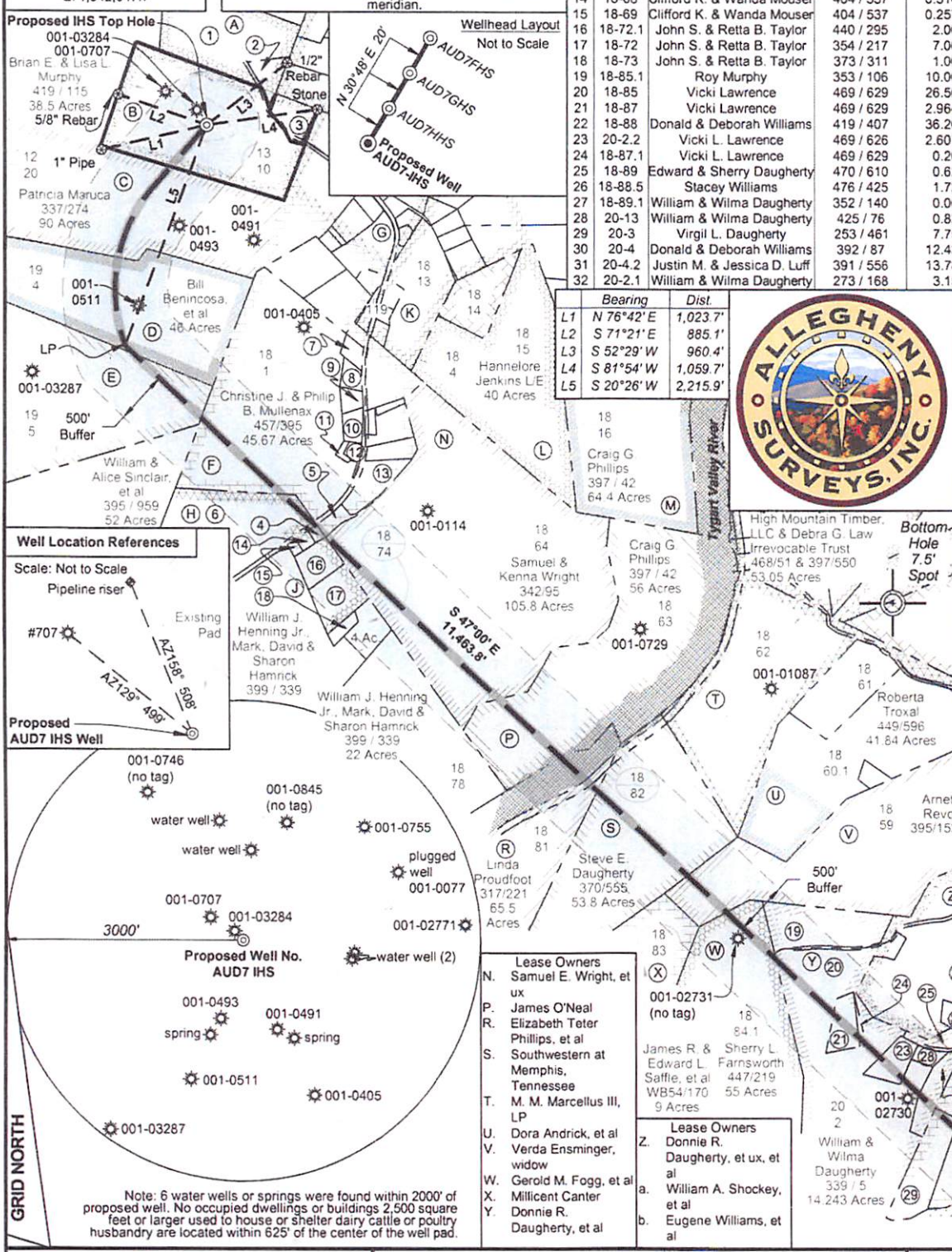
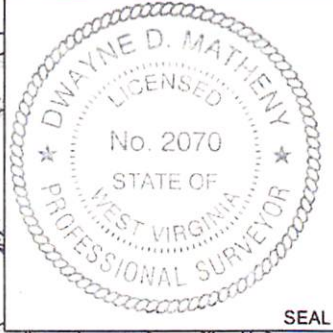
No.	TM-Par	Owner	Bk / Pg	Acres
1	13-9	Brian E. & Lisa L. Murphy	419 / 115	15.92
2	13-9-2	Jonathan T. & Kara Keener	421 / 34	1.99
3	13-11	Gene F. Herbert III	403 / 184	2.74
4	18-67	John S. & Retta B. Taylor	444 / 479	0.225
5	18-65	E.L. Watson c/o Corelogic	421 / 110	0.95
6	18-66	Sherman & C. Wilkinson	464 / 51	8.00
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 & Darius 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	18-68	Clifford K. & Wanda Mouser	404 / 537	0.514
15	18-69	Clifford K. & Wanda Mouser	404 / 537	0.257
16	18-72.1	John S. & Retta B. Taylor	440 / 295	2.00
17	18-72	John S. & Retta B. Taylor	354 / 217	7.00
18	18-73	John S. & Retta B. Taylor	373 / 311	1.00
19	18-85.1	Roy Murphy	353 / 106	10.00
20	18-85	Vicki Lawrence	469 / 629	26.50
21	18-87	Vicki Lawrence	469 / 629	2.964
22	18-88	Donald & Deborah Williams	419 / 407	36.20
23	20-2-2	Vicki L. Lawrence	469 / 626	2.607
24	18-87.1	Vicki L. Lawrence	469 / 629	0.20
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	0.06
28	20-1-3	William & Wilma Daugherty	425 / 76	0.82
29	20-3	Virgil L. Daugherty	253 / 461	7.75
30	20-4	Donald & Deborah Williams	392 / 87	12.43
31	20-4-2	Justin M. & Jessica D. Luff	391 / 558	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

Legend

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



Bearing	Dist.
L1 N 76°42' E	1,023.7'
L2 S 71°21' E	885.1'
L3 S 52°29' W	960.4'
L4 S 81°54' W	1,059.7'
L5 S 20°26' W	2,215.9'



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

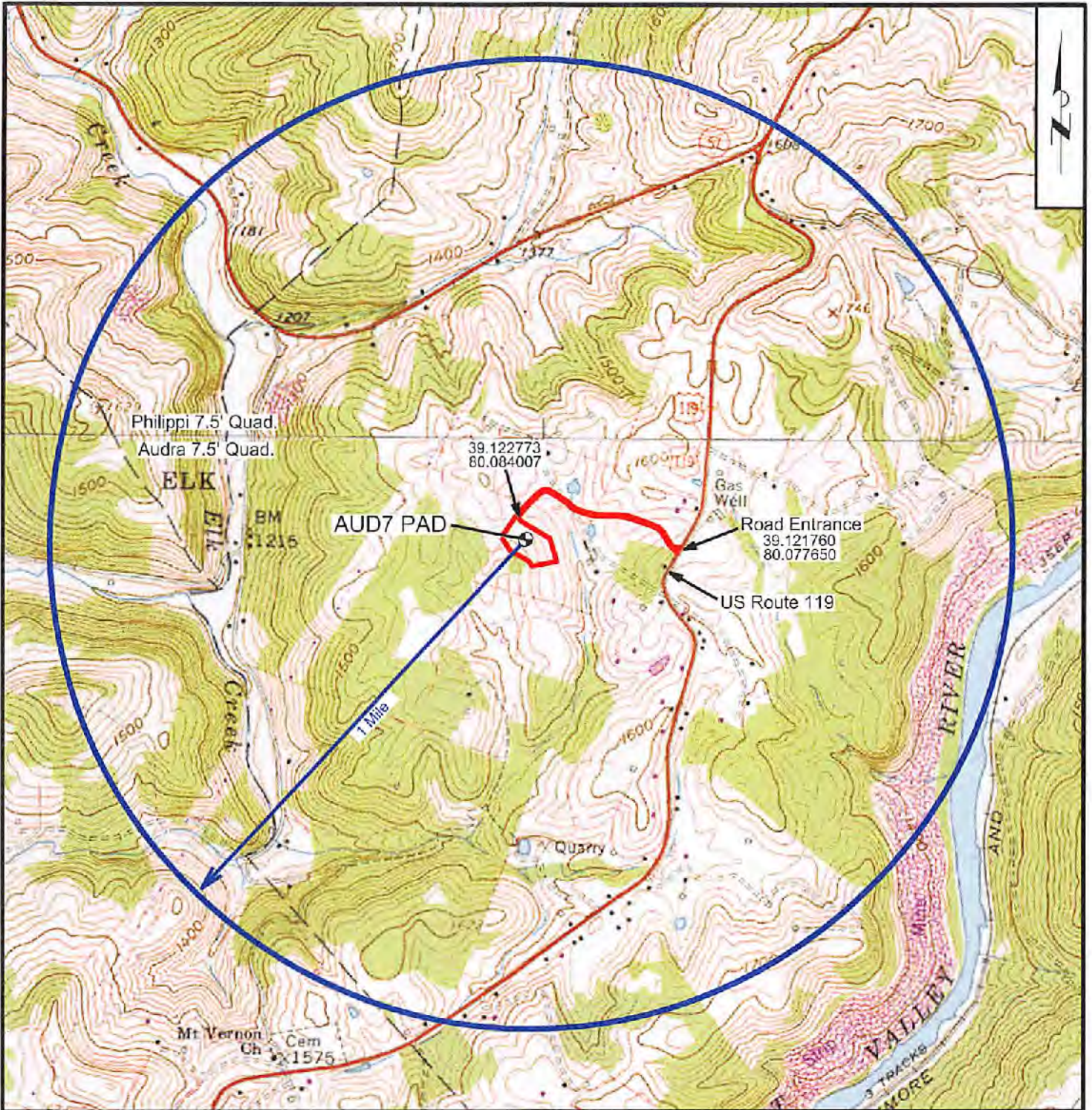
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: February 19 2018
OPERATOR'S WELL NO. AUD7 IHS
API WELL NO
47 - 001 - 00552
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: 20,204' MD

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



WELL SITE SAFETY PLAN FOR:

AUD7 PAD

Philippi District, Barbour County, W.Va.

TOPOGRAPHIC MAP
Audra & Philippi 7.5' Quadrangles

RECEIVED
Office of Oil and Gas
JUN 19 2018
WV Department of
Environmental Protection



SCALE: 1" = 1,500'