

HG Energy II Appalachia, LLC
Well No. AUD7 GHS

Notes:
Well No. AUD7 GHS
WVSPC NAD 1927
Top Hole Coordinates
N: 226,980.4'
E: 1,834,457.7'
Landing Point Coordinates
N: 227,341.2'
E: 1,835,980.3'
Bottom Hole Coordinates
N: 220,516.1'
E: 1,843,097.1'

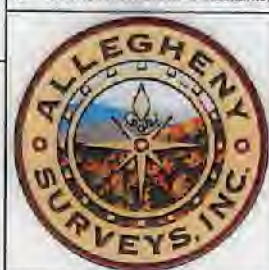
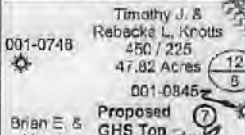
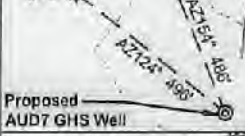
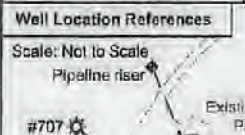
Notes:
Well No. AUD7 GHS
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'18.19" Longitude: 80°06'14.83"
Longitude: 80°05'00.50" Longitude: 80°03'10.38"
UTM Zone 17, NAD 1983.
Top Hole Coordinates Bottom Hole Coordinates
N: 4,330,694.797m N: 4,328,769.079m
E: 579,245.086m E: 581,909.912m
Plat orientation and corner and well references
are based upon the grid north meridian.
Well location references are based upon the magnetic
meridian.

- Lease Owners**
- A. E. C. Zinn, et ux et al
 - B. Junior & Lucy P. Lantz, et al
 - C. Elsie Malcolm
 - D. David G. Wine
 - E. E. Lee Smith, et al
 - F. Orma & Carrie Casto, et al
 - G. Bly S. Maller, et ux
 - H. Lucile F. McGee, et al
 - J. Patricia Ann Townsend, et als
 - K. B. L. Zirkle, et ux
 - L. Prentis B. Jenkins, et al
 - M. Lucy O'Neal
 - N. Bly S. Maller, et ux
 - P. Edith Stalnaker, et al
 - R. Graffon Coal Co.
 - S. Graffon Coal Co.
 - T. M. M. Marcellus III, LP
 - U. CSX Transportation
 - V. Verde Ensminger, widow
 - W. Barbour Co. B.O.E.
 - X. National Resources Consultants, LLC
 - Y. Graffon Coal Co.
 - Z. Natural Resources Consultants, LLC

- Lease Owners**
- a. Deborah Long
 - b. Mary Josephina Robinson, et al
 - c. The Rosella Standard Strawbridge Revocable Trust
 - d. Linn Ventura
 - e. Ricki Ann Ransom, et al
 - f. Alica Campbell
 - g. Mike Ross, Inc., et al
 - h. Ricki Ann Ransom
 - j. Ricki Ann Ransom
 - k. Alica Campbell

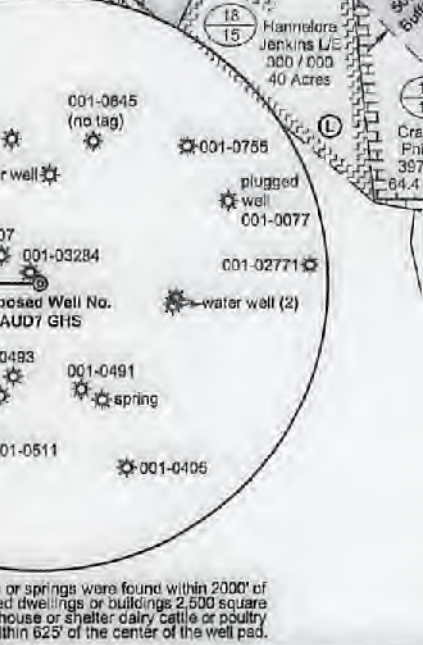
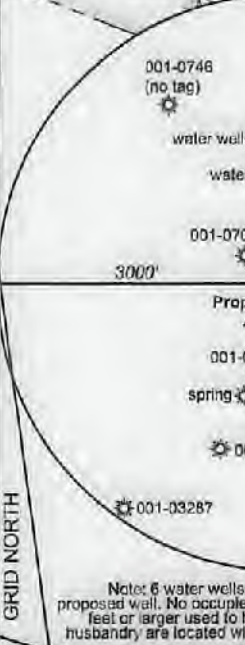
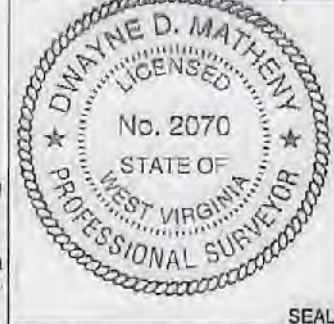
- Legend**
- ⊙ Proposed gas well Monument, as noted
 - ⊙ Existing Well, as noted
 - Creek or Drain
 - Existing Road
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)

TOP HOLE LONGITUDE 80 - 05 - 00
BTM HOLE LONGITUDE 80 - 02 - 30
1,195' to Top Hole
Top Hole 7.5' Spot
7,605' to Bottom Hole



Bearing	Dist
L1 S 83°37'W	1,035.1'
L2 N 75°08'E	1,051.8'
L3 S 73°51'E	894.3'
L4 S 53°24'W	923.4'
L5 N 78°40'E	1,564.8'

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
P.S. 2070



FILE NO: 279-10-P-17
DRAWING NO: AUD7 GHS 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: July 13 2018
OPERATOR'S WELL NO. AUD7 GHS
API WELL NO. 0003350
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: 18,435' 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

Surface Owners Table			
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	13-12	Duane E. Moore	415 / 219 3.92
5	13-49.2	Thomas Brian & Jaime Short	385 / 397 1.00
6	18-106	John D. Kimberly Depoy	397 / 585 0.988
7	13-9.1	Brian E. & Lisa L. Murphy	327 / 621 1.09
8	13-15.28	Richard G. & Gayle E. Jones	437 / 35 4.92
9	13-15.27	Gene Herbert Jr.	437 / 40 2.05
10	13-15.5	Gene Herbert Jr.	399 / 535 1.54
11	13-15.19	Richard G. & Gayle E. Jones	418 / 453 3.95
12	13-15.26	Richard G. & Gayle R. Jones	418 / 453 1.35
13	13-15.1	Richard G. & Gayle E. Jones	404 / 220 1.95
14	13-15.29	Eric S. & Denise Sublett	472 / 233 2.07
15	13-15.7	Gayle E. Jones	401 / 344 5.00
16	13-15.10	Gary L. Mayle	410 / 507 5.25
17	13-15.8	CNX Gas Company, LLC	455 / 218 8.15
18	13-15	Gayle E. Jones, et al	WB4 / 313 14.78
19	13-15.11	Karen R. (Van Horn) Mercar	411 / 8 5.43
20	13-15.6	Michael E. & Tracy A. Hicks	433 / 29 2.00
21	13-15.25	Karen R. (Van Horn) Mercar	411 / 8 5.44
22	13-15.13	Forest L. & Lila W. Spurgeon	481 / 205 4.75
23	13-15.12	Forest L. & Lila W. Spurgeon	481 / 205 7.95
24	13-15.14	John A. Graham	412 / 377 7.70
25	13-15.15	John A. Graham	412 / 377 11.60
26	18-107	Bernard W. Gresthouse III	— / — 12.60
27	13-50.1	Craig G. Phillips	397 / 42 25.25
28	18-14	Patricia Ann Townsend	000 / 000 7.00
29	18-105	John & Kim Depoy	377 / 493 1.00
30	18-103	John & Kim Depoy	369 / 87 2.00

Surface Owners Table			
No.	TM-Par	Owner	Bk / Pg Acres
31	18-19	Grafton Coal Company	440 / 544 7.84
32	18-20	Grafton Coal Company	317 / 505 1.00
33	18-18	Grafton Coal Company	317 / 505 0.837
34	18-22	Grafton Coal Company	317 / 505 2.80
35	p/o13-97	Coastal Forest Resources Co.	476 / 373 56.00
36	18-26	Shane A. & Vanessa N. Halle	481 / 459 5.50
37	18-27	Floyd Jones	365 / 236 8.00
38	p/o13-97	Coastal Forest Resources Co.	478 / 373 56.00
39	18-28	Diane S. Pdag	462 / 597 18.00
40	18-60.2	Clayton & Shirley Andrick	395 / 123 1.00
41	18-60	Roger & Kathy Andrick	395 / 129 1.00
42	18-59.1	Lori A. Daugherty	397 / 313 4.76
43	18-57.2	Trent M. Andrick	481 / 498 0.74
44	18-57.1	Mark Harris	451 / 290 0.10
45	18-58	Clayton G. Andrick	402 / 173 1.00
46	18-57	Mark A. & Sarah G. Harris	435 / 330 10.50
47	18-46.1	Jerry K. Jones	351 / 326 2.20
48	18-46	Cheryl Ann Corley	WB32 / 218 2.99
49	18-100	David Burner	WB43 / 108 0.25
50	18-90.1	Burton & Amy Corley	350 / 313 0.49
51	18-56.1	Evan Michael Dadisman	478 / 270 1.00
52	18-55	Ricki Ann Ransom	450 / 432 7.90
53	18-29	Geoffrey Braunsberg, et ux	000 / 000 6.50
54	18-30	Gary Lynn & Gary Levi Carper	412 / 477 14.98
55	18-30.1	Geoffrey & Judy Braunsberg	339 / 359 3.00
56	18-30.3	Rose M. Lants L/E	412 / 474 5.00
57	18-30.2	Deborah K. & Lyonel L. Waugaman	412 / 471 5.00
58	18-53.3	Jan E. & Cynthia R. Chapman	428 / 450 10.68
59	18-54.4	Patricia & John W. Ketchem Jr.	000 / 000 1.41
60	18-54.6	Patricia & John W. Ketchem Jr.	333 / 103 0.73

FILE NO: <u>279-10-P-17</u> DRAWING NO: <u>AUD7 GHS Well Plat</u> SCALE: <u>1" = 1500'</u> MINIMUM DEGREE OF ACCURACY: <u>Submeter</u> PROVEN SOURCE OF ELEVATION: <u>CORS, Bridgeport, WV</u>	 STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION	DATE: <u>July 13</u> 20 <u>18</u> OPERATOR'S WELL NO. <u>AUD7 GHS</u> API WELL NO <u>00</u> <u>47</u> — <u>001</u> — <u>03350</u> STATE COUNTY PERMIT
WELL TYPE: <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL (IF GAS) PRODUCTION: <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input checked="" type="checkbox"/> SHALLOW		
LOCATION: ELEVATION: <u>1565'</u> WATERSHED: <u>Elk Creek</u> DISTRICT: <u>Phillippi</u> Brian E. & SURFACE OWNER: <u>Lisa L. Murphy</u>		QUADRANGLE: <u>Audra</u> COUNTY: <u>Barbour</u> ACREAGE: <u>38.5</u>
ROYALTY OWNER: <u>Junior & Lucy P. Lantz, et al; et al</u> LEASE NO: <u>085710</u> ACREAGE: <u>37.83;</u>		
PROPOSED WORK: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input checked="" type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input checked="" type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 7,575' TVD <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG TARGET FORMATION: <u>Marcellus Shale</u> ESTIMATED DEPTH: <u>18,435'</u> MD		
WELL OPERATOR: <u>HG Energy II Appalachia, LLC</u> DESIGNATED AGENT: <u>Diane C. White</u> ADDRESS: <u>5260 Dupont Road</u> ADDRESS: <u>5260 Dupont Road</u> <u>Parkersburg, WV 26101</u> <u>Parkersburg, WV 26101</u>		