

HG Energy II Appalachia, LLC
Well No. Flesher 1212 N-9H MOD

Page 1 of 3

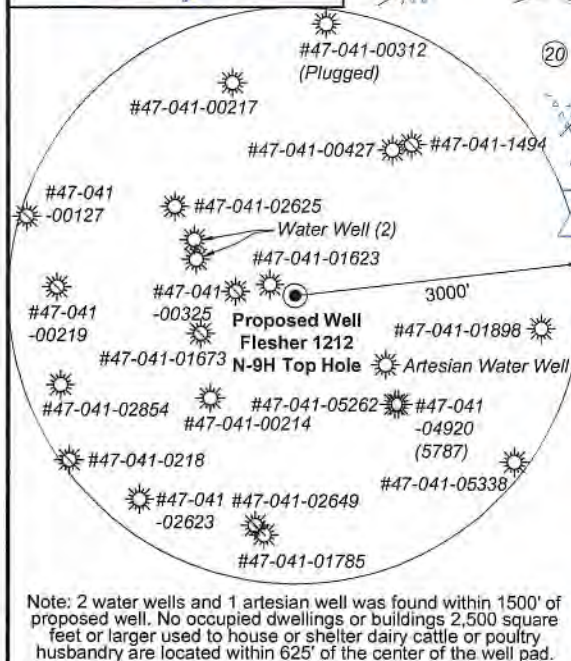
TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 12 - 30

TOP LONGITUDE 80 - 27 - 30
BTM LONGITUDE 80 - 30 - 00



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.

Kevin S. James
Kevin S. James, P.S. 2305



Note: 2 water wells and 1 artesian well was found within 1500' 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.

FILE NO: 156-36-12-U-F-19
DRAWING NO: Flesher 1212 N-9H Well Plat
SCALE: 1" = 2000'
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: April 1 2021
OPERATOR'S WELL NO. Flesher 1212 N-9H
API WELL NO
47 - 041 - 05713
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: H.G. Energy II Appalachia, LLC
ROYALTY OWNER: W.D. Hitt, et al, et al LEASE NO: ACREAGE: 210.00

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 28,043' MD

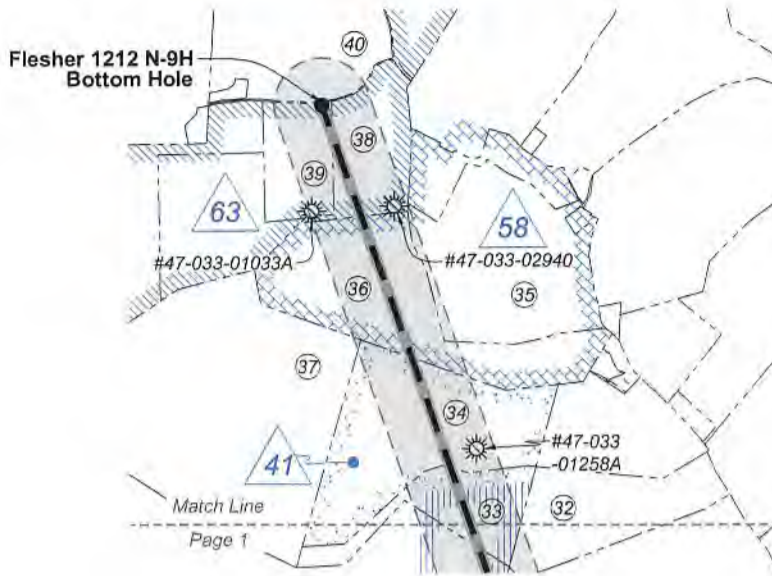
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

14,854' to Bottom Hole

2,481' to Top Hole

8,373' to Top Hole

5,980' to Bottom Hole

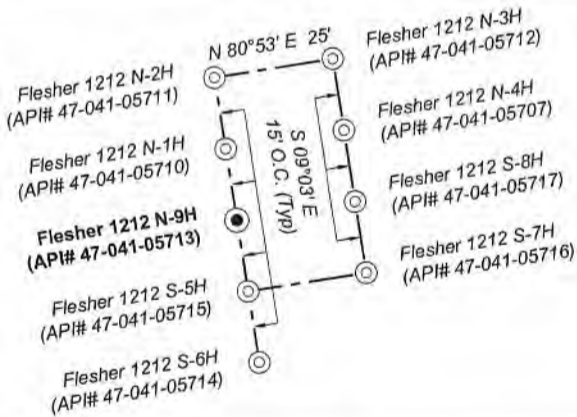


Notes: Well No. Flesher 1212 N-9H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'05.47" Latitude: 39°10'03.13"
Longitude: 80°29'16.27" Longitude: 80°31'15.96"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,330,027.145m N: 4,335,487.882m
E: 544,290.002m E: 541,386.768m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.

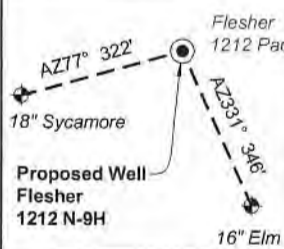
Notes:
Well No. Flesher 1212 N-9H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,206,097.39'
E: 1,785,724.78'
Landing Point Coordinates
N: 14,205,519.13'
E: 1,782,734.84'
Bottom Hole Coordinates
N: 14,224,013.15'
E: 1,776,199.75'

Tag	Bearing	Dist.	Description
L1	N 43°11' W	1,539.9'	#47-041-05262
L2	N 22°20' E	663.6'	1/2" Rebar
L3	N 68°00' E	1,594.4'	1" Iron pipe
L4	S 34°14' E	2,006.4'	5/8" Rebar
L5	S 79°03' W	3,045.3'	Landing point

Wellhead Layout (NTS)



Well Location References
Not to Scale



Legend

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

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LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek

Btm: Big Isaac
Top: Weston
QUADRANGLE: Lewis
COUNTY: Lewis
ACREAGE: 70.00

DISTRICT: Freemans Creek
SURFACE OWNER: H.G. Energy II Appalachia, LLC

ROYALTY OWNER: W.D. Hitt, et al, et al

LEASE NO: ACREAGE: 210.00

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PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 28,043' MD 6,925' TVD

WELL OPERATOR: HG Energy II Appalachia, LLC
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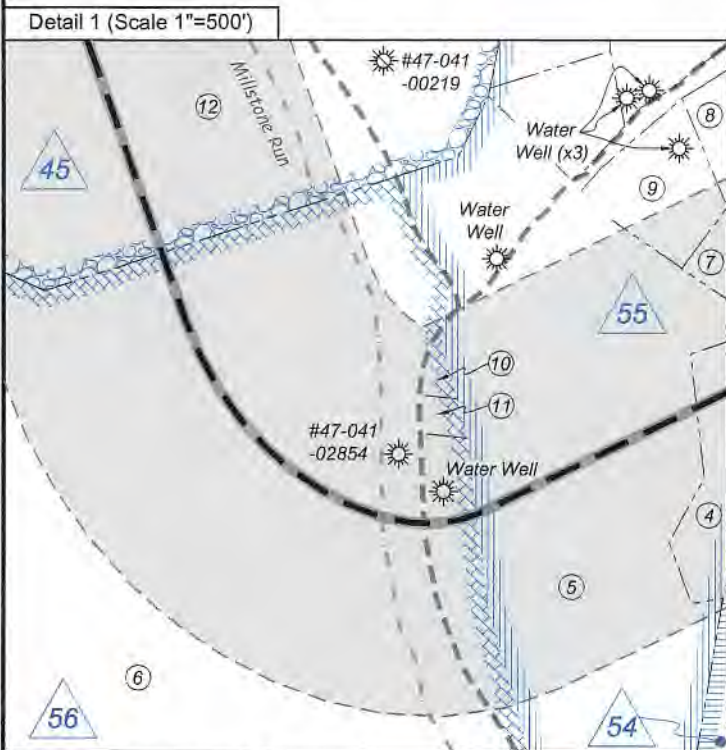
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ID	Lease
18	A.H. Reed, et al
20	A.H. Reed, et al
22	Carrie Dillin, et al
25	Lizzie B. Conley
26	Alvadore Hughes, et al
29	W.W. Paugh, et al
30	W.H. Coffindaffer, et al
41	Betty A. Coffindaffer, et al
44	A.H. Reed, et al
45	Edwin Gaston, et al
52	W.D. Hitt, et al
54	Paarlie A. Norris, et al
55	J.S. Norris, et al
56	J.S. Norris
58	Robert W. Coffindaffer, et al
63	E.J. Rightmire, et ux

Lewis Co. - Freeman Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	6C / 47	HG Energy II Appalachia, LLC	753 / 453	70.00
2	6C / 43	Gary Allen Sias	646 / 688	50.59
3	6C / 25.1	William Radtka & Helen Burton	655 / 681	5.85
4	6C / 25	Robert M. Painter	629 / 411	27.48
5	6C / 23.2	Michael & Laura Phillips	661 / 298	21.32
6	6C / 21	Thomas R. Zinn, et al	445 / 493	166.25
7	6C / 23.4	Richard G. Hayhurst, et ux	565 / 326	4.13
8	6C / 23.10	Gary Farris	700 / 769	0.65
9	6C / 23.6	Gary Farris	700 / 769	2.02
10	6C / 23.1	Michael & Laura Phillips	661 / 298	0.16
11	6C / 23.9	Michael & Laura Phillips	661 / 298	0.25
12	6C / 22	Mann Family Trust	617 / 608	265.19
13	6C / 22.3	MannFarm, LLC	722 / 660	5.00
14	6C / 22.2	Stephen P. & Wendy T. Mann	718 / 175	5.97
15	6B / 12	Edward E. Garrett, et al	429 / 245	27.75
16	6B / 11	Edward E. Garrett, et al	429 / 245	30.00
17	6B / 13	Mann Family Trust	617 / 608	38.55
18	6B / 14	Edward E. Garrett, et al	429 / 245	30.00
19	6B / 16	Mann Family Trust	617 / 608	21.45
20	6B / 15	Edward E. Garrett, et al	429 / 245	30.75
21	6B / 18	Berlin Family Irrevocable Trust	743 / 893	100.00
22	6B / 19.1	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	52.00
23	6B / 21	Mark D. Roles	W50 / 769	195.91
24	6B / 3	Eric B. & Kathy A. Beevers	509 / 197	99.00

Harrison Co. - Union-Outside Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
25	442 / 12	Eric & Kathy Beevers	1237 / 941	30.00
26	442 / 14	Jackie & Barbara Caplinger	1416 / 1052	12.00
27	442 / 11	Douglas L. & Donna S. Nolan	1478 / 929	34.13
28	442 / 13.1	Virginia E. Grogg	1379 / 1109	15.20
29	442 / 13	Kimberly S. Shaw	1544 / 132	34.02
30	442 / 10	Mike Ross Inc., et al	1590 / 158	64.53
31	422 / 38	Jody B. Ross & Dawn R. Price	1283 / 546	36.77
32	422 / 37	Jody B. Ross & Dawn R. Price	1283 / 546	34.70
33	422 / 34.1	Mark J. Coffindaffer, et al	W160 / 415	24.07
34	422 / 34	Terry Bostardi, et al	1617 / 374	66.56
35	422 / 18	Stephen J. & Freda P. Perkins	1258 / 66	61.60
36	422 / 16	Terry Bostardi, et al	1617 / 374	62.61
37	422 / 33	Mark J. Coffindaffer, et al	W160 / 415	125.75
38	422 / 15.1	Stephen J. & Freda P. Perkins	1560 / 347	61.48
39	422 / 15	Betty Jo Keister	1560 / 399	20.01
40	422 / 5	William L. & Sandra L. Coffindaffer	1018 / 715	65.29



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05/14/2021