

3,240' to Bottom Hole

8,346' to Top Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 05 - 00

LONGITUDE 80 - 27 - 30

2,492' to Top Hole

2,131' to Bottom Hole

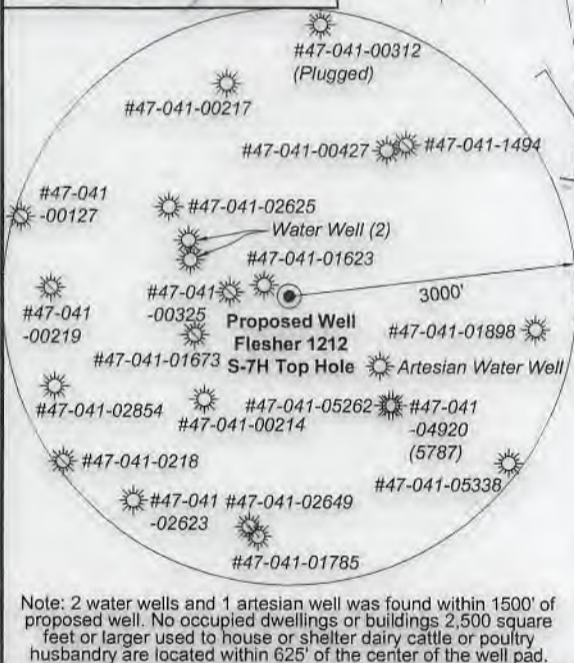
HG Energy II Appalachia, LLC
Well No. Flesher 1212 S-7H MOD

Page 1 of 4



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



FILE NO: 156-36-12-U-F-19
DRAWING NO: Flesher 1212 S-7H 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: June 4 2021
OPERATOR'S WELL NO. Flesher 1212 S-7H
API WELL NO MID
47 - 041 - 05716
STATE COUNTY PERMIT

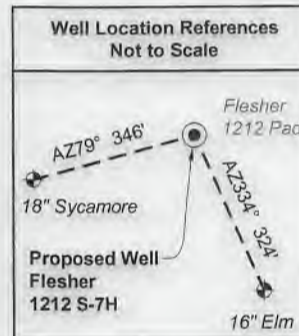
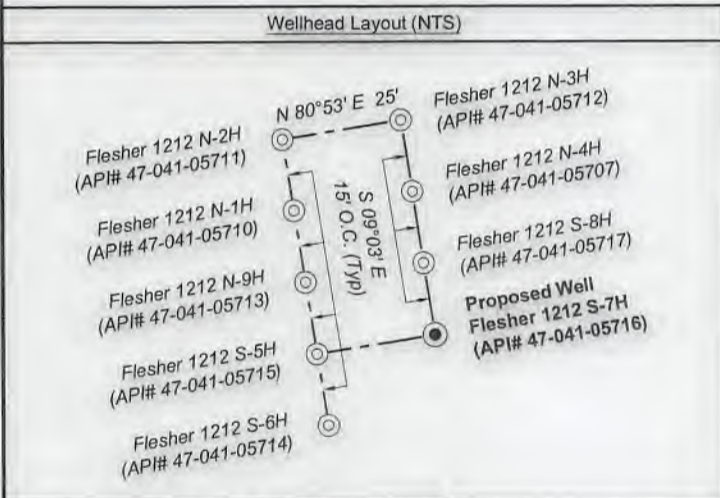
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek QUADRANGLE: Weston
DISTRICT: Freemans Creek COUNTY: Lewis 07/02/2021
SURFACE OWNER: H.G. Energy II Appalachia, LLC ACREAGE: 70.00
ROYALTY OWNER: 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) BH MOD 6,913' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,509' 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



ID	Lease
12	C.L. Hitt, et al
16	George Norris, et al
17	H.M. Stewart & C.J. Stewart
18	W.E. Carpenter, et al
19A	Eastern Gas Transmission & Storage, Inc.
19B	CNX Gas Co., LLC
20	Dominion Transmission, Inc.
22	Noble Energy, Inc.
26	W.D. Hitt, et al
28	Charles F. Bailey, et al
53	Granville A. Butcher, et al
54	John F. Wyant
63	Prudence M. O'Hara, et al
66	Philip L. Jones, et al
77	Debra K. Murray
81	Burton B. Butcher, et al
91	S. Clifford Dent

Tag	Bearing	Dist.	Description
L1	N 42°43' W	1,513.6'	#47-041-05262
L2	N 24°51' E	664.5'	1/2" Rebar
L3	N 68°43' E	1,615.6'	1" Iron pipe
L4	S 53°14' E	1,583.7'	#47-041-02625
L5	S 16°27' E	518.2'	Landing point



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.)

Notes: Well No. Flesher 1212 S-7H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'05.36" Latitude: 39°04'38.94"
Longitude: 80°29'15.92" Longitude: 80°28'11.11"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,330,023.845m N: 4,325,519.124m
E: 544,298.245m E: 545,881.234m
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 S-7H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,206,086.55'
E: 1,785,751.82'
Landing Point Coordinates
N: 14,205,589.56'
E: 1,785,898.54'
Bottom Hole Coordinates
N: 14,191,307.31'
E: 1,790,945.35'

FILE NO: 156-36-12-U-F-19
DRAWING NO: Flesher 1212 S-7H 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: June 4 2021
OPERATOR'S WELL NO. Flesher 1212 S-7H
API WELL NO MOD
47 - 041 - 05716
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

QUADRANGLE: Weston

DISTRICT: Freemans Creek

COUNTY: Lewis

SURFACE OWNER: H.G. Energy II Appalachia, LLC

ACREAGE: 70.00

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

LEASE NO: ACREAGE: 210.00

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Parkersburg, WV 26101

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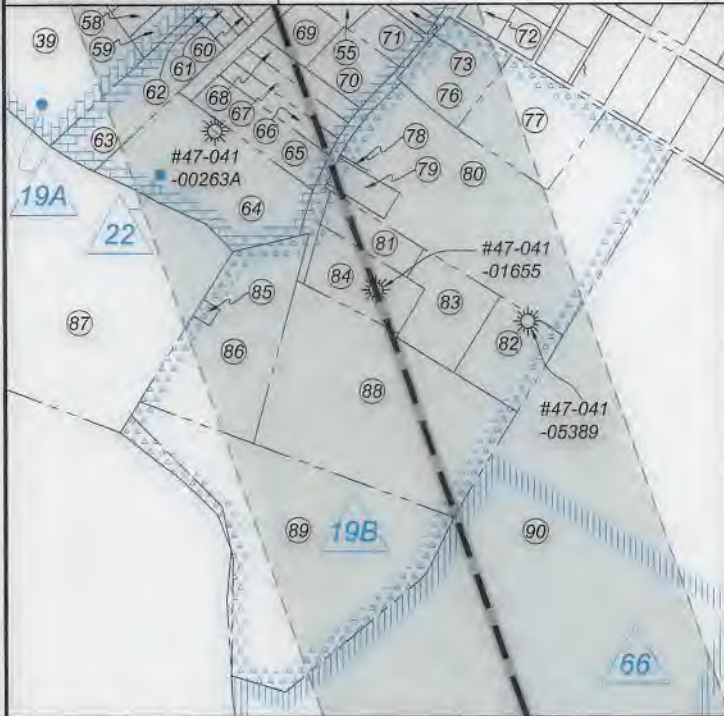
Detail 1 (Scale 1"=500')



Detail 3 (Scale 1"=500')



Detail 2 (Scale 1"=500')



Detail 4 (Scale 1"=500')



FILE NO: 156-36-12-U-F-19
DRAWING NO: Flesher 1212 S-7H 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: June 4 2021
OPERATOR'S WELL NO. Flesher 1212 S-7H
API WELL NO. M10
47 - 041 - 05716
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

QUADRANGLE: Weston

DISTRICT: Freemans Creek

COUNTY: LEWIS 07/02/2021

SURFACE OWNER: H.G. Energy II Appalachia, LLC

ACREAGE: 70.00

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

LEASE NO: _____ ACREAGE: 210.00

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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 / 45	Fred A. Bailey	W25 / 263	48.00
3	6C / 25.1	William Radlka & Helen Burton	655 / 681	5.85
4	6C / 43	Gary A. Sias	646 / 688	50.59
5	6C / 32.1	Fred A. Bailey	W25 / 263	92.89
6	6C / 42	Fred A. Bailey	W25 / 263	6.70
7	6C / 41	Larry R. & Gina F. Simon	702 / 865	19.11
8	6C / 40	Scott & Amy Carpenter	709 / 821	45.95
9	6C / 40.1	Jeffrey R. & Pamela J. Nicholson	713 / 40	5.50
10	7C / 16	Charles D. Bailey, et al	763 / 630	130.50
11	6C / 39	Phyllis L. & Dolores A. Hinterer	591 / 653	23.00
12	6D / 42	Michael & Kelly M. Goodwin	682 / 485	15.98
13	6D / 43	Deborah D. Hunt	W24 / 544	17.50
14	7D / 1.3	Deborah D. Hunt	W24 / 544	23.83
15	2 / 13.1	David & Lindsey Hunt	732 / 257	1.50
16	6D / 48	Bo D. Hendershot	722 / 864	3.65
17	6D / 47.1	Charlotte Radcliff	552 / 668	3.99
18	6D / 45	Blanch E. & Gregory K. Williams	619 / 660	6.24
19	6D / 50.2	Elbert R. & Lisa C. Rohrbough	496 / 301	1.12
20	6D / 47.3	Bo D. Hendershot	722 / 864	0.08
21	2 / 15.1	Bo D. Hendershot	722 / 864	0.17
22	2 / 15.2	Homer L. & Charlotte G. Taylor	420 / 508	0.57
23	2 / 15	Mary Jane McKay (Life)	638 / 77	0.62
24	2 / 15.3	Meranda Burnside	406 / 155	0.04
25	2 / 14.1	Deborah D. Hunt	W24 / 544	0.73
26	2 / 13	Deborah D. Hunt	582 / 575	0.92
27	7D / 3	Fred & Ginger Bailey	653 / 717	21.18
28	7D / 1.2	Gary A. & Tina M. Butcher	530 / 171	1.07
29	2 / 12	Amy & Samuel Sedosky	646 / 496	0.94
30	2 / 11	Lewis A. Adams, et al	579 / 513	0.50
31	2 / 10	David L. & Susanna H. Roth	612 / 1	0.65
32	2 / 9.2	Ruth & Edward Pratt (L&E)	567 / 528	0.36
33	2 / 9	Perry E. Blake	733 / 862	0.51
34	2 / 18	Timothy G. & Judith M. Metz	661 / 582	0.21
35	2 / 17	Allen S. & Rebecca A. Moore	564 / 119	1.59
36	2 / 16	Larry J. Bailey	718 / 100	1.16
37	2 / 16.1	Charles E. & Linda K. Starrett	608 / 255	0.06
38	6D / 49.1	Charles E. & Linda K. Starrett	571 / 538	1.01
39	6D / 49	Robert L. & Patricia J. Bush	684 / 27	7.11
40	2 / 19	Tina M. & John L. Burnside, III	560 / 230	0.75
41	2 / 20	Dennis E. & Sandra D. Strader	449 / 433	0.50
42	2 / 22	Timothy G. & Judith M. Metz	737 / 903	0.55
43	2 / 23	Timothy G. & Judith M. Metz	661 / 582	0.42
44	2 / 23.1	Selena R. Barton	724 / 548	0.27
45	2 / 24	Michael A. Butcher	533 / 248	0.65
46	2 / 7	Joel F. & R. Steven Jones	W17 / 262	0.24
47	7D / 1	Arabelle Butcher (Life)	F30 / 796	1.03
48	2 / 6	Robert Painter	601 / 352	0.25
49	2 / 5	Lisa D. Stapleton	714 / 775	0.24
50	2 / 4	Wilfred L. & Virginia S. Sholes	383 / 84	0.50
51	2 / 25	Rachael M. & John R. Freeman	637 / 797	0.44
52	2 / 26	Bruce A. & Deana L. Kefover	541 / 16	0.53
53	2 / 33	Mary Jane Pratt, et al	W20 / 525	0.28
54	2 / 32	Franklin F. Pratt, Trustee	W20 / 525	0.17
55	2 / 31.9	Marty A. & Lorie L. Cleavenger	725 / 875	0.32
56	2 / 27	Bruce A. & Deana L. Kefover	541 / 16	0.21
57	2 / 27.1	Thomas R. & Connie R. Stuckey	496 / 373	0.21
58	2 / 21	Mark P. & Lee A. Coplin	537 / 565	0.55
59	2 / 24.1	Nelson E. & Erma F. Toms	533 / 248	0.35
60	2 / 28	Thomas R. & Connie R. Stuckey	496 / 373	0.04

Lewis Co. - Freeman Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
61	2 / 29	Elsie C. Sprouse	W26 / 411	0.10
62	2 / 30	Elsie C. Sprouse	W26 / 411	0.14
63	2 / 31.7	Nelson O. Toms	FID	2.70
64	2 / 31	Paul J. & Helen S. Derico	318 / 252	1.20
65	2 / 31.6	Paul J. & Helen S. Derico	330 / 163	0.84
66	2 / 31.5	Josh Marsh	746 / 717	0.39
67	2 / 31.4	Josh Marsh	746 / 717	0.37
68	2 / 31.3	Josh Marsh	746 / 717	0.36
69	2 / 31.2	Mark A. Metzgar	680 / 462	0.47
70	2 / 31.8	David B. & Kristina A. Smith	713 / 610	0.60
71	2 / 31.1	Zachary A. Byers	714 / 369	0.36
72	2 / 42	Sandi Jean Thompson	363 / 42	0.26
73	2 / 36	Zachary A. Byers	767 / 791	0.16
74	2 / 35	Gary J. & Mary J. Woofler	670 / 362	0.15
75	2 / 34	Gary J. & Mary J. Woofler	670 / 362	0.15
76	2 / 41	Pamela M. Casto Davis	WBF / 2004	0.89
77	2 / 40	Ronald L. & Nancy L. Asbury	703 / 157	1.50
78	2 / 38.1	Archie E. Latea, et al	F29 / 370	0.01
79	2 / 37	Archie E. Latea, et al	F29 / 370	0.30
80	2 / 38	Ronald L. & Nancy L. Asbury	603 / 4	5.90
81	7D / 4.1	Gary T. McWhorter	602 / 227	0.55
82	7D / 4.3	Danny E. & Angela M. McCloud	582 / 734	1.04
83	7D / 4.4	Danny E. & Angela M. McCloud	582 / 734	1.06
84	7D / 4.2	Chad L. Greenlief	575 / 115	1.00
85	6D / 100.1	Weston Sanitary Board	730 / 621	0.06
86	6D / 100	Paul J. & Helen S. Derico	571 / 557	2.78
87	6D / 62	Edward E. Garrett	482 / 161	13.57
88	7D / 5	Stephen J. & Tamara B. Wilson	571 / 560	5.33
89	7D / 6	Edwin L. Bowyer II	480 / 630	5.08
90	7D / 32	WVU Board of Governors	584 / 524	221.65
91	6 / 21.2	Jerry & Sallie Myers	450 / 60	0.88
92	6 / 22.1	Jerry & Sallie Myers	323 / 364	0.26
93	6 / 22	Sallie Myers	W14 / 79	1.38
94	6 / 21.1	Whitney Ballard, et al	740 / 282	1.28
95	6 / 20	Whitney Ballard, et al	740 / 282	0.92
96	6 / 21	David K. & Brenda K. Singleton	683 / 76	0.90
97	6 / 16	Word of Life Christian Center	420 / 222	6.50
98	6 / 13	Chelsea E. & Penny D. Syrews	767 / 248	3.10
99	6 / 18	Carolyn M. Cosner	W28 / 479	0.12
100	6 / 19.1	Harvey R. & Paula J. Montgomery	319 / 93	0.57
101	6 / 19	Charles E. McCorkhill	698 / 263	0.21
102	6 / 23	Jill L. Floyd	452 / 345	0.17
103	6 / 24	Cody J. & Angel McCorkhill	746 / 211	0.29
104	6 / 25	Debra K. Murray	W31 / 92	0.34
105	6 / 26	Debra K. Murray	W31 / 92	0.17
106	7D / 22	Roger & Linda Arbogast	726 / 46	2.00
107	7D / 21	Roger & Linda Arbogast	698 / 547	11.47
108	7D / 35	Patricia A. Workman	W28 / 381	19.66
109	7D / 37	Ernest G. Carpenter, et al	571 / 364	1.03
110	7D / 40	Patricia A. Workman	W28 / 381	7.22
111	7E / 71	Serge Cormier	604 / 130	12.92
112	7E / 29	Martha C. Queen (Life)	553 / 416	26.80
113	7E / 30	Susan Butcher, et al	W20 / 204	11.00
114	7E / 31	Susan Butcher, et al	W20 / 204	7.97
115	7E / 31.5	Michael D. & Connie S. Chapman	398 / 117	0.93
116	7E / 31.4	Michael D. & Connie S. Chapman	362 / 169	1.16
117	7E / 31.3	William E. Heaster (Life)	665 / 411	0.33
118	7E / 34.9	Mark R. & Sharon D. Pellen	592 / 708	0.93
119	7E / 34.1	Matthew S. Kiser	672 / 606	2.94
120	7E / 28.4	Alicia K. Lowther, et al	W45 / 456	47.88

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Submeter
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CORS, Bridgeport, WV

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

DATE: June 4 2021
OPERATOR'S WELL NO. Flesher 1212 S-7H
API WELL NO. **140**
47 - 041 - 05716
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
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