

State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

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API 47-041-05710 County Lewis District Freemans-Creek  
Quad Weston Pad Name Flesher 1212 Field/Pool Name Kennedy  
Farm name Flesher Well Number 1212 N1H  
Operator (as registered with the OOG) HG Energy II Appalachia, LLC  
Address 5260 Dupont Rd. City Parkersburg State WV Zip 26101

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 14206112.20 Easting 1785722.43  
Landing Point of Curve Northing 14205612.13 Easting 1783955.56  
Bottom Hole Northing 14223789.34 Easting 1777599.53

Elevation (ft) 1332 GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s)  
Air/ OBM  
KCL, Barite, Lime, CaCL, base oil, clay, sulfatone, safevert FLG, safevert WA

Date permit issued 01/13/2021 Date drilling commenced 2/27/2021 Date drilling ceased 10/4/2021  
Date completion activities began 12/1/2021 Date completion activities ceased 5/23/2022  
Verbal plugging (Y/N) \_\_\_\_\_ Date permission granted \_\_\_\_\_ Granted by \_\_\_\_\_

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 283 Open mine(s) (Y/N) depths N  
Salt water depth(s) ft Not observed Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 303, 473, 815, 910, 1065 Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed by: \_\_\_\_\_

**APPROVED**

*Ernest Reynolds* 3-14-24

03/22/2024

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WR-35  
Rev. 8/23/13

API 47-041 - 05710

Farm name Flesher

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Well number 1212 N1H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	30"	30"	100'	New	154.5 lbs/ft		N
Surface	26"	20"	1087	New	94 lbs/ft J-55		Yes
Coal							
Intermediate 1	17.5"	13.375"	2084	New	68 lbs/ft		Yes
Intermediate 2	12.25"	9.625"	2910	New	40 lbs/ft J-55		Yes
Intermediate 3							
Production	8.5	5.5	26927	New	23 lbs/ft P-11		No
Tubing							
Packer type and depth set							

Comment Details Production: 120 bbls into displacement returns started to slow from 20% to 16%. Dropped rate from 8 bbl/min to 5.5. Spacer returned 50 bbl later than calculated returns dropped from 3 to 5 fingers for the remainder of the job.

115 bbl spacer to surface, landed plug, bumped plug 500 PSI over and held 5 minutes, floats held, bled back 7.5 bbl. lost 115 bbls mud during cement job

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	Not Cemented						
Surface	Class A	1927	15.6	1.18	2274	surface	8
Coal							
Intermediate 1	Class A	1420/670	16.0/16.4	1.16/1.10	1647/737	surface	24
Intermediate 2	Class A	1087	15.6	1.18	1283	surface	8
Intermediate 3							
Production	Class A	1267/379/3988	13.5/13.5/14.8	1.83/1.67/1.34	2318/633/5344	1700'	8
Tubing							

Drillers TD (ft) <sup>26958</sup> \_\_\_\_\_ Loggers TD (ft) \_\_\_\_\_

Deepest formation penetrated Marcellus Plug back to (ft) \_\_\_\_\_

Plug back procedure \_\_\_\_\_

Kick off depth (ft) <sup>6176'</sup> \_\_\_\_\_

Check all wireline logs run  caliper  density  deviated/directional  induction  
 neutron  resistivity  gamma ray  temperature  sonic

Well cored  Yes  No Conventional Sidewall Were cuttings collected  Yes  No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING \_\_\_\_\_

20" casing: Centralizer placed on the shoe joint and every other joint to surface

13.375" casing: centralizer run every joint to 20" casing then placed every 3 joints to surface

9.625" casing: Centralizers run every other joint to 13.375" casing then placed every 3 joints to surface

5.5" casing: Centralizer run every joint to top of curve (KOP) then centralizers placed every 3 joints to surface

WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS \_\_\_\_\_

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED \_\_\_\_\_

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HG Energy II Appalachia, LLC  
 Lithology Record  
 Fletcher 1212 N-1H

Formation	Top MD	Top TVD	Base MD	Base TVD
Gas sand	655	655	856	856
1st salt sand	856	856	1028	1028
Coal	910	910	906	906
2nd salt sand	1030	1030	1123	1123
Deepest coal	1065	1065	1068	1068
3rd salt sand	1213	1213	1245	1245
Upper Maxton	1350	1350	1353	1353
Lower Maxton	1495	1495	1546	1546
Big Lime	1570	1569	1632	1631
Big Injun	1632	1631	1724	1723
Gantz (storage)	1913	1912	1967	1966
50' Sand	2016	2015	2029	2028
30' sand	2120	2119	2139	2139
Gordon Stray	2154	2153	2198	2198
Gordon/Forth Sand	2198	2198	2274	2274
5th Sand	2399	2399	2442	2441
Bayard	2476	2475	2512	2511
Warren	2780	2779	2802	2801
Speechley	3110	3108	3122	3120
Balltown	3312	3310	3387	3385
Bradford	3795	3785	3864	3852
Benson	4452	4401	4466	4414
Rhinestreet	6414	5990	6717	6237
Cashaqua	6717	6237	6991	6454
Middlesex	6991	6454	7115	6541
West River	7115	6541	7260	6633
Burket	7260	6633	7320	6666
Tully	7320	6666	7505	6753
Hamilton	7505	6753	7680	6812
Marcellus	7680	6812	26958	7289

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**HG Energy II Appalachia, LLC**

**Fletcher 1212 N-1H**

**Perforation Record**

Stage #	Date	Perforation From Depth	Perforation to Depth	Number of Perforations	Formation
Sleeve/1	1/2/2022	26879	26854	2	Marcellus
2	1/3/2022	26820	26652	28	Marcellus
3	1/3/2022	26624	26456	28	Marcellus
4	1/4/2022	26428	26260	28	Marcellus
5	1/4/2022	26232	26064	28	Marcellus
6	1/5/2022	26036	25868	28	Marcellus
7	1/5/2022	25840	25672	28	Marcellus
8	1/5/2022	25644	25476	28	Marcellus
9	1/6/2022	25448	25280	28	Marcellus
10	1/6/2022	25252	25084	28	Marcellus
11	1/7/2022	25056	24888	28	Marcellus
12	1/8/2022	24860	24692	28	Marcellus
13	1/8/2022	24664	24496	28	Marcellus
14	1/8/2022	24468	24300	28	Marcellus
15	1/9/2022	24272	24104	28	Marcellus
16	1/9/2022	24076	23908	28	Marcellus
17	1/10/2022	23880	23712	28	Marcellus
18	1/10/2022	23684	23516	28	Marcellus
19	1/11/2022	23488	23320	28	Marcellus
20	1/11/2022	23292	23124	28	Marcellus
21	1/11/2022	23096	22928	28	Marcellus
22	1/12/2022	22900	22732	28	Marcellus
23	1/12/2022	22704	22536	28	Marcellus
24	1/13/2022	22508	22340	28	Marcellus
25	1/13/2022	22312	22144	28	Marcellus
26	1/16/2022	22116	21948	28	Marcellus
27	1/14/2022	21920	21752	28	Marcellus
28	1/14/2022	21724	21616	28	Marcellus
29	1/15/2022	21528	21360	28	Marcellus
30	1/15/2022	21332	21164	28	Marcellus
31	1/15/2022	21136	20968	28	Marcellus
32	1/16/2022	20940	20772	28	Marcellus
33	1/16/2022	20744	20576	28	Marcellus
34	1/16/2022	20548	20380	28	Marcellus
35	1/18/2022	20352	20184	32	Marcellus
36	1/19/2022	20156	19988	32	Marcellus
37	1/19/2022	19960	19792	32	Marcellus
38	1/20/2022	19764	19596	32	Marcellus
39	1/20/2022	19568	19400	32	Marcellus
40	1/20/2022	19372	19204	32	Marcellus
41	1/21/2022	19176	19008	32	Marcellus
42	1/21/2022	18980	18812	32	Marcellus
43	1/22/2022	18784	18616	32	Marcellus
44	1/22/2022	18588	18420	32	Marcellus
45	1/22/2022	18392	18224	32	Marcellus
46	1/23/2022	18196	18028	32	Marcellus
47	1/23/2022	18000	17832	32	Marcellus
48	1/23/2022	17804	17636	32	Marcellus
49	1/23/2022	17608	17440	32	Marcellus
50	1/24/2022	17412	17244	32	Marcellus
51	1/24/2022	17216	17048	32	Marcellus
52	2/23/2022	17020	16852	32	Marcellus
53	2/23/2022	16824	16656	32	Marcellus
54	2/24/2022	16628	16460	32	Marcellus
55	2/24/2022	16432	16264	32	Marcellus

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56	2/24/2022	16236	16068	32	Marcellus
57	2/25/2022	16040	15872	32	Marcellus
58	2/25/2022	15844	15676	32	Marcellus
59	2/25/2022	15648	15480	32	Marcellus
60	2/25/2022	15452	15284	32	Marcellus
61	2/26/2022	15256	15088	32	Marcellus
62	2/26/2022	15060	14892	32	Marcellus
63	2/26/2022	14864	14696	32	Marcellus
64	2/26/2022	14668	14500	32	Marcellus
65	2/26/2022	14472	14304	32	Marcellus
66	2/27/2022	14276	14108	32	Marcellus
67	2/27/2022	14080	13912	32	Marcellus
68	2/28/2022	13884	13716	32	Marcellus
69	2/28/2022	13688	13520	32	Marcellus
70	2/28/2022	13492	13324	32	Marcellus
71	2/28/2022	13296	13128	32	Marcellus
72	3/1/2022	13100	12932	32	Marcellus
73	3/1/2022	12906	12731	32	Marcellus
74	3/1/2022	12707	12532	32	Marcellus
75	3/1/2022	12508	12333	32	Marcellus
76	3/2/2022	12309	12134	32	Marcellus
77	3/2/2022	12110	11935	32	Marcellus
78	3/2/2022	11911	11736	32	Marcellus
79	3/2/2022	11712	11537	32	Marcellus
80	3/3/2022	11513	11338	32	Marcellus
81	3/3/2022	11314	11139	32	Marcellus
82	3/3/2022	11115	10940	32	Marcellus
83	3/4/2022	10916	10741	32	Marcellus
84	3/4/2022	10717	10542	32	Marcellus
85	3/4/2022	10518	10343	32	Marcellus
86	3/5/2022	10319	10144	32	Marcellus
87	3/5/2022	10120	9945	32	Marcellus
88	3/5/2022	9921	9746	32	Marcellus
89	3/5/2022	9722	9547	32	Marcellus
90	3/5/2022	9523	9348	32	Marcellus
91	3/6/2022	9324	9149	32	Marcellus
92	3/6/2022	9125	8950	32	Marcellus
93	3/6/2022	8926	8751	32	Marcellus
94	3/7/2022	8727	8552	32	Marcellus
95	3/7/2022	8528	8353	32	Marcellus
96	3/7/2022	8329	8154	32	Marcellus
97	3/7/2022	8130	7955	32	Marcellus
98	3/7/2022	7931	7756	32	Marcellus

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**HG Energy II Appalachia, LLC  
Fletcher 1212 N-1H  
Stimulation Summary**

Stage #	Date	Ave pump rate (BPM)	Ave Treatment Press (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Proppant (LBS)	Water (BBLs)
Sleeve/1	1/2/2022	59.0	9095	12430	3463	270000	8,381
2	1/3/2022	72.0	9,532	7,374	5,244	700000	15,489
3	1/3/2022	76.0	10,504	6,289	4,905	280800	10,497
4	1/4/2022	74.5	10,156	5,878	5,832	655480	13,558
5	1/4/2022	80.0	9,967	5,741	5,218	466700	12,249
6	1/5/2022	81.9	10,323	6,095	5,112	700000	15,239
7	1/5/2022	78.0	10,234	6,350	4,935	702500	13,174
8	1/5/2022	78.0	9,964	6,694	5,311	526700	11,213
9	1/6/2022	80.0	10,042	6,123	5,508	539401	11,345
10	1/6/2022	79.0	10,102	7,355	4,721	702500	16,294
11	1/7/2022	79.0	10,228	6,060	5,072	702100	12,803
12	1/8/2022	79.0	10,513	6,924	4,435	702801	15,302
13	1/8/2022	82.0	10,291	5,788	5,611	569133	16,094
14	1/8/2022	79.0	10,245	6,951	4,807	705000	15,276
15	1/9/2022	80.0	10,095	6,148	5,279	567480	14,513
16	1/9/2022	79.0	10,180	6,358	4,432	648760	15,242
17	1/10/2022	80.0	9,933	5,899	5,382	704940	13,422
18	1/10/2022	74.0	9,796	6,174	4,645	705240	15,832
19	1/11/2022	84.0	10,018	5,869	5,556	545803	12,297
20	1/11/2022	80.0	10,148	6,427	4,923	705000	14,002
21	1/11/2022	81.0	9,929	5,785	5,311	670500	11,942
22	1/12/2022	87.0	9,910	5,869	5,370	704750	14,385
23	1/12/2022	82.0	10,044	5,880	5,556	704900	13,114
24	1/13/2022	77.0	10,060	6,439	5,702	558935	12,143
25	1/13/2022	82.0	9,465	5,155	5,065	704800	11,930
26	1/16/2022	83.0	9,660	5,846	5,897	596900	11,300
27	1/14/2022	86.0	9,802	5,762	4,956	704900	14,482
28	1/14/2022	85.0	9,635	6,010	4,909	600600	10,708
29	1/15/2022	91.0	9,840	5,670	4,817	704600	11,539
30	1/15/2022	94.0	10,268	6,007	4,812	696000	11,816
31	1/15/2022	91.0	10,188	6,055	4,672	704600	11,656
32	1/16/2022	95.0	10,409	5,782	4,672	211000	11,656
33	1/16/2022	93.0	10,158	6,440	4,510	704500	11,688
34	1/16/2022	92.0	10,050	5,890	4,341	705120	11,902
35	1/18/2022	90.0	10,145	6,380	4,760	704500	11,711
36	1/19/2022	95.0	10,299	6,062	5,235	705190	11,704
37	1/19/2022	98.0	10,287	5,720	4,400	586600	11,737
38	1/20/2022	96.5	10,065	6,136	4,702	705800	11,767
39	1/20/2022	96.4	10,333	6,005	5,475	705240	11,915
40	1/20/2022	98.0	10,203	5,951	4,400	703500	11,729
41	1/21/2022	90.0	9,981	5,490	4,561	705000	13,738
42	1/21/2022	97.7	10,080	5,642	4,278	703800	13,408
43	1/22/2022	99.9	10,167	4,753	4,934	705780	13,601
44	1/22/2022	98.0	10,099	5,716	5,327	706200	11,646
45	1/22/2022	99.3	10,234	5,854	4,597	704600	13,283
46	1/23/2022	98.2	10,134	5,942	5,086	705900	11,627
47	1/23/2022	99.0	10,094	6,090	5,880	705000	11,723
48	1/23/2022	97.0	10,218	6,200	4,806	532700	11,373
49	1/23/2022	100.3	9,841	5,584	4,085	704600	11,751
50	1/24/2022	98.0	10,024	5,925	4,225	705500	11,263
51	1/24/2022	105.0	10,084	4,666	5,178	705400	11,145
52	2/23/2022	93.0	9,512	5,700	4,765	704900	10,187
53	2/23/2022	99.0	10,188	5,283	5,293	704800	9,899
54	2/24/2022	97.3	10,202	5,475	4,632	720120	10,738
55	2/24/2022	100.0	10,000	5,789	4,788	720000	9,914
56	2/24/2022	101.0	9,740	5,227	4,504	718900	10,198
57	2/25/2022	103.3	9,914	5,359	5,094	719860	10,065
58	2/25/2022	103.7	10,286	5,363	5,193	720040	9,729
59	2/25/2022	101.0	9,946	5,922	4,463	720700	10,127
60	2/25/2022	98.0	10,093	5,955	4,349	721200	12,073
61	2/26/2022	106.0	10,371	5,412	5,752	719500	9,662
62	2/26/2022	104.1	10,224	5,183	5,050	703700	9,583
63	2/26/2022	105.0	9,915	5,600	5,248	720000	9,584
64	2/26/2022	105.0	9,957	5,562	5,779	720000	9,851
65	2/26/2022	107.9	9,999	5,456	5,144	720090	9,599
66	2/27/2022	106.0	10,341	5,863	5,217	719900	9,765
67	2/27/2022	105.0	10,350	5,582	5,323	720100	9,509
68	2/28/2022	106.8	10,306	5,902	5,215	720010	9,710
69	2/28/2022	105.4	10,268	4,585	5,091	719760	9,891

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70	2/28/2022	106.0	10,236	5,440	5,013	720100	9,696
71	2/28/2022	105.0	10,152	5,442	4,838	720100	9,742
72	3/1/2022	106.6	9,962	5,382	5,289	720020	9,511
73	3/1/2022	108.0	9,918	5,481	5,336	720120	9,711
74	3/1/2022	109.0	9,950	4,570	5,411	720100	9,589
75	3/1/2022	107.0	9,899	5,486	5,414	720100	9,659
76	3/2/2022	104.3	9,362	5,515	5,223	720540	9,725
77	3/2/2022	109.7	10,110	5,586	6,177	720460	9,823
78	3/2/2022	106.0	10,116	5,640	4,628	568600	8,717
79	3/2/2022	109.3	9,842	4,940	5,430	720000	9,557
80	3/3/2022	108.5	9,662	5,083	4,789	720000	9,676
81	3/3/2022	108.0	9,491	5,670	4,910	720000	9,634
82	3/3/2022	109.0	9,757	5,737	5,637	720050	9,460
83	3/4/2022	102.9	9,033	5,591	5,579	720840	9,563
84	3/4/2022	109.0	9,670	6,120	4,889	720900	10,666
85	3/4/2022	109.0	9,428	5,293	5,544	720000	9,855
86	3/5/2022	110.0	9,369	5,753	5,232	720015	10,257
87	3/5/2022	108.0	9,245	5,126	5,966	720200	9,456
88	3/5/2022	104.0	9156	5591	6238	720800	10620
89	3/5/2022	109.0	9178	5545	6371	720000	9773
90	3/5/2022	108.0	9265	4350	5345	720100	9708
91	3/6/2022	108.0	9107	5485	5056	685040	9956
92	3/6/2022	110.0	8954	5382	4993	720900	9703
93	3/6/2022	110.0	9672	5114	5461	720000	9522
94	3/7/2022	107.0	8931	5747	5904	720020	10262
95	3/7/2022	107.0	8121	4649	6484	720980	10079
96	3/7/2022	110.0	8583	4986	4841	720640	9402
97	3/7/2022	110.0	8261	5679	4591	720000	11479
98	3/7/2022	110.0	8338	5500	5181	720000	9791

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As-Drilled

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4,582' to Bottom Hole

8,375' to Top Hole

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

Tag	Bearing	Dist.	Description
L1	N 42°53' W	1,552.4'	#47-041-05262
L2	N 21°41' E	676.4'	1/2" Rebar
L3	N 67°29' E	1,597.9'	1" Iron pipe
L4	S 34°25' E	1,992.8'	5/8" Rebar

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

2,466' to Top Hole

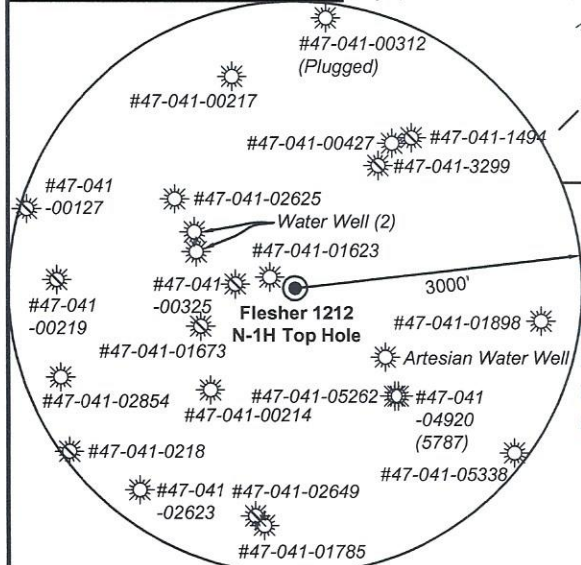
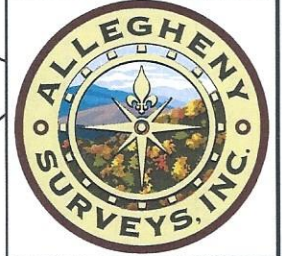
15,086' to Bottom Hole



SEAL

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-1H As-Drilled  
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: January 19 2022  
OPERATOR'S WELL NO. Flesher 1212 N-1H  
API WELL NO  
47 - 041 - 05710  
STATE COUNTY PERMIT

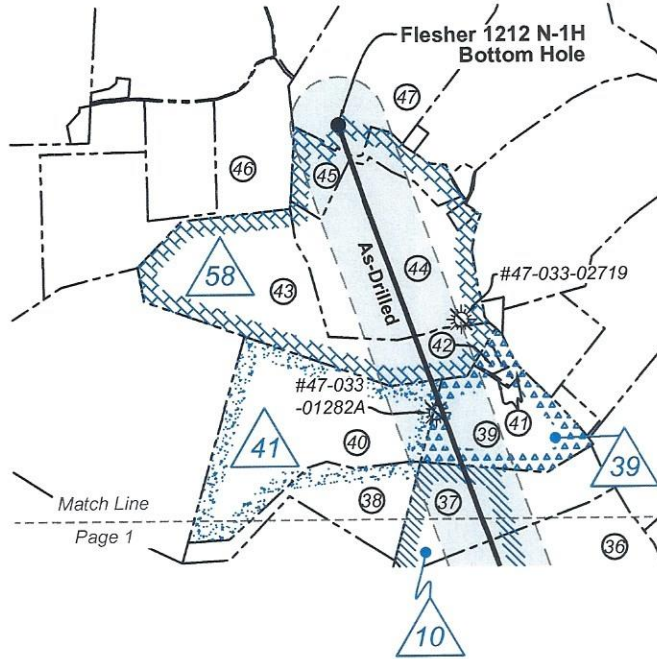
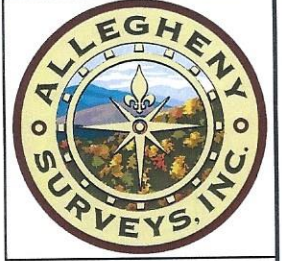
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

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) As Drilled Plat 7,289' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,958' 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



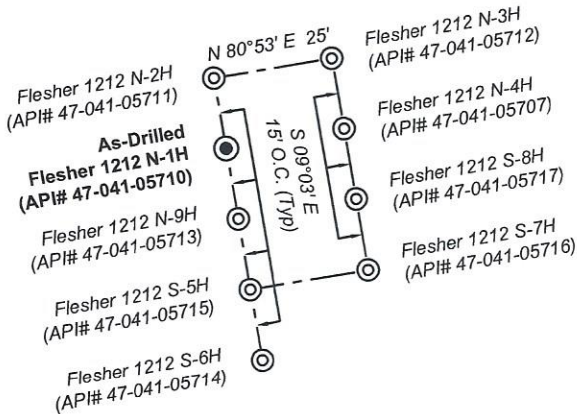


**Notes:** Well No. Flesher 1212 N-1H  
 West Virginia Coordinate System of 1927, North Zone  
 based upon Differential GPS Measurements.  
 Top Hole coordinates Bottom Hole coordinates  
 Latitude: 39°07'05.62" Latitude: 39°10'00.84"  
 Longitude: 80°29'16.30" Longitude: 80°30'58.19"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,330,031.659m N: 4,335,419.662m  
 E: 544,289.285m E: 541,813.420m  
 Plat orientation and corner and well references are  
 based upon the grid north meridian. Well location  
 references are based upon the magnetic meridian.

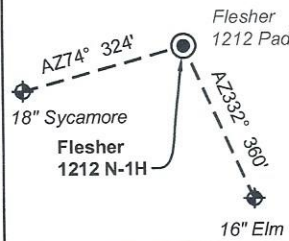
**Notes:**  
 Well No. Flesher 1212 N-1H  
 UTM NAD 1983 (USSF)  
 Top Hole Coordinates  
 N: 14,206,112.20'  
 E: 1,785,722.43'  
 Landing Point Coordinates  
 N: 14,205,612.13'  
 E: 1,783,955.56'  
 Bottom Hole Coordinates  
 N: 14,223,789.34'  
 E: 1,777,599.53'

ID	Lease
10	W.H. Coffindaffer, et al
15	Alvadore Hughes, et al
16	Henry Frashuer, et al
19	A.R. Frashuer, et al
26	Alvadore Hughes, et al
34	W.W. Paugh, et al
39	Robert Max McDonald, Trustee
41	Betty A. Coffindaffer, et al
44	A.H. Reed, et al
45	Edwin Gaston, et al
52	W.D. Hitt, et al
54	Pearle A. Norris, et al
55	J.S. Norris, et al
58	Robert W. Coffindaffer, et al

**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.)

FILE NO: 156-36-12-U-F-19  
 DRAWING NO: Flesher 1212 N-1H As-Drilled  
 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: January 19 2022  
 OPERATOR'S WELL NO. Flesher 1212 N-1H  
 API WELL NO  
 47 - 041 - 05710  
 STATE COUNTY PERMIT

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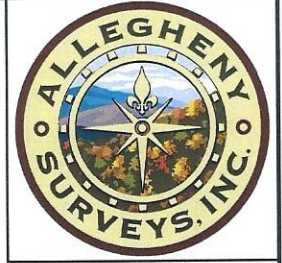
QUADRANGLE: Btm: Big Isaac  
 Top: Weston

COUNTY: Lewis  
 ACREAGE: 70.00

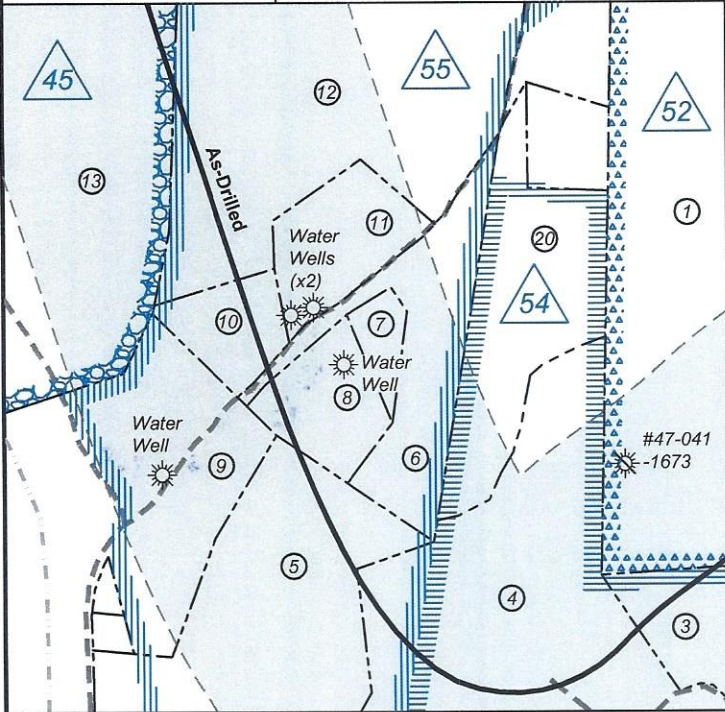
03/22/2024

ACREAGE: 210.00

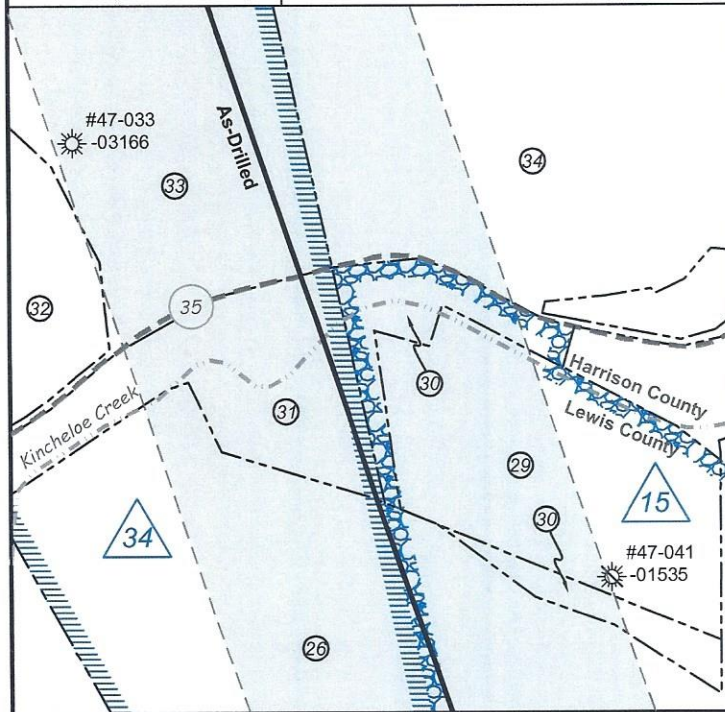




Detail 1 (Scale 1"=500')



Detail 2 (Scale 1"=500')



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 / 23.4	Richard G. Hayhurst, et ux	565 / 326	4.13
7	6C / 23.10	Gary Farris	700 / 769	0.65
8	6C / 23.6	Gary Farris	700 / 769	2.02
9	6C / 21	Thomas R. Zinn, et al	445 / 493	166.25
10	6C / 23.5	Larry Jarrett & Michelle Casey	661 / 455	1.53
11	6C / 23.7	Gary C. & Brenda J. Maki	671 / 327	2.40
12	6C / 23.3	Richard G. Hayhurst, et ux	566 / 470	19.37
13	6C / 22	Mann Family Trust	617 / 608	265.19
14	6C / 58	Mann Family Trust	617 / 608	7.62
15	6C / 22.4	Stephen & Wendy Mann	724 / 907	1.22
16	6C / 22.2	Stephen & Wendy Mann	718 / 175	5.97
17	6C / 22.1	Monika K.M. & Richard A. Weldon	674 / 314	5.00
18	6B / 31	Mann Family Trust	617 / 608	17.00
19	6B / 13	Mann Family Trust	617 / 608	38.55
20	6C / 23	Richard G. Hayhurst, et ux	566 / 355	34.80
21	6B / 28	Robert E. Brincefield Jr. & Terri Lynne Trust, et al	578 / 630	31.00
22	6B / 16	Mann Family Trust	617 / 608	21.45
23	6B / 27	Robert E. Brincefield Jr. & Terri Lynne Trust, et al	578 / 630	14.00
24	6B / 19.1	Robert E. Brincefield Jr. & Terri Lynne Trust, et al	578 / 630	52.00
25	6B / 20.1	Robert E. Brincefield Jr. & Terri Lynne Trust, et al	578 / 630	9.00
26	6B / 21	Mark D. Roles	W50 / 769	195.91
27	6B / 21.1	Robert E. Brincefield Jr. & Terri Lynne Trust, et al	578 / 630	44.00
28	6B / 3	Eric B. & Kathy A. Beevers	509 / 197	99.00
29	6B / 50	Jackie & Barbara Caplinger	623 / 445	10.49
Harrison Co. - Union-Outside Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
30	443 / 17	Jackie & Barbara Caplinger	1416 / 1052	1.53
31	442 / 14	Jackie & Barbara Caplinger	1416 / 1052	12.00
32	442 / 13.1	Virginia E. Grogg	1379 / 1109	15.20
33	442 / 13	Kimberly S. Shaw	1544 / 132	34.02
34	443 / 2	Lou Ann Baker	1307 / 1155	26.54
35	443 / 1	Lou Ann Baker	1323 / 1089	25.14
36	422 / 38	Jody Ross & Dawn Price	1283 / 546	36.77
37	422 / 37	Jody Ross & Dawn Price	1283 / 546	34.70
38	422 / 34.1	Mark J. Coffindaffer	W160 / 415	24.07
39	422 / 35	Jody Ross & Dawn Price	1283 / 546	31.16
40	422 / 34	Terry Bostardi, et al	1617 / 374	66.56
41	422 / 20	Jody Ross & Dawn Price	1283 / 546	3.66
42	422 / 20.1	Brittany Ross & Vance Miller	1482 / 996	1.70
43	422 / 16	Terry Bostardi, et al	1617 / 374	62.61
44	422 / 18	Stephen J. & Freda P. Perkins	1258 / 66	61.60
45	422 / 17	Stephen J. & Freda P. Perkins	1258 / 66	16.87
46	422 / 15.1	Stephen J. & Freda P. Perkins	1560 / 347	61.48
47	422 / 10	Stephen J. & Freda P. Perkins	994 / 752	96.00

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



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STATE COUNTY PERMIT

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ACREAGE: 70.00  
03/22/2024

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

LEASE NO: \_\_\_\_\_ ACREAGE: 210.00

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