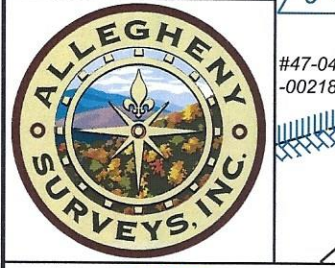
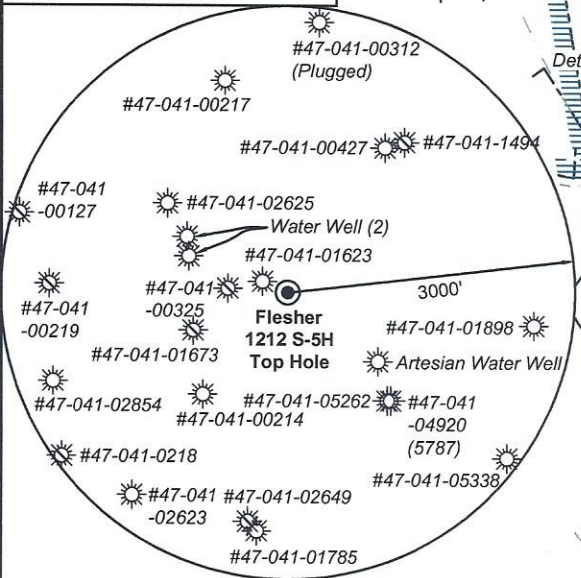


HG Energy II Appalachia, LLC  
Well No. Flesher 1212 S-5H  
As-Drilled  
Page 1 of 3



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.

6,167' to Bottom Hole  
8,370' to Top Hole  
TOP LATITUDE 39 - 07 - 30  
BTM LATITUDE 39 - 05 - 00  
LONGITUDE 80 - 27 - 30  
2,496' to Top Hole  
1,817' to Bottom Hole

Tag	Bearing	Dist.	Description
L1	N 43°30' W	1,527.6'	#47-041-05262
L2	N 23°02' E	650.8'	1/2" Rebar
L3	N 68°32' E	1,591.1'	1" Iron pipe
L4	S 52°34' E	1,566.3'	#47-041-02625

ID	Lease
7	Pearle A. Norris, et al
9	J.S. Norris
10	J.S. Norris, et al
11	Abram Gaston
12	C.L. Hitt, et al
16	George Norris, et al
18	W.E. Carpenter, et al
26	W.D. Hitt, et al
37	John W. Norris
41	Martha S. Carpenter, et al
42	Hazel L. Bennett, et al
50	Michael F. Tierney, et al

FILE NO: 156-36-12-U-F-19  
DRAWING NO: Flesher 1212 S-5H 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**

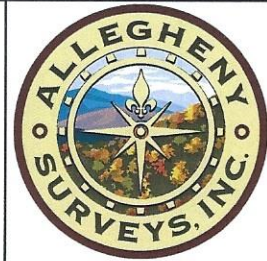
DATE: January 19 2022  
OPERATOR'S WELL NO. Flesher 1212 S-5H  
API WELL NO  
47 - 041 - 05715  
STATE COUNTY PERMIT

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

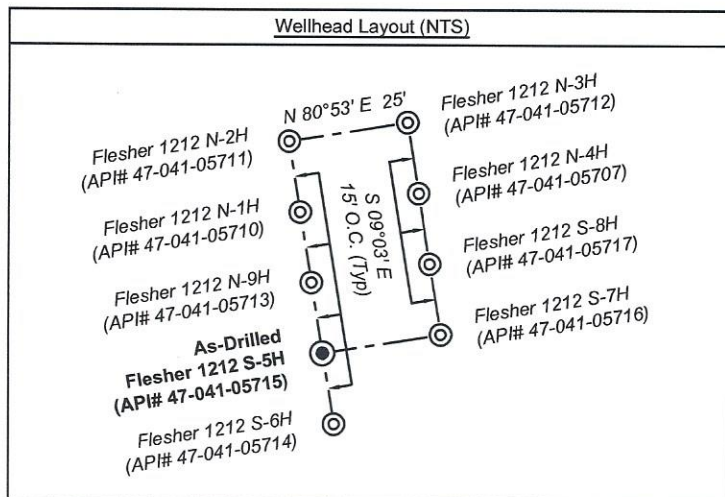
LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek QUADRANGLE: Weston  
DISTRICT: Freemans Creek COUNTY: Lewis  
SURFACE OWNER: H.G. Energy II Appalachia, LLC ACREAGE: 70.00  
ROYALTY OWNER: W.D. Hitt, et al, et al LEASE NO: ACREAGE: 210.00

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 6,955' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,081' 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

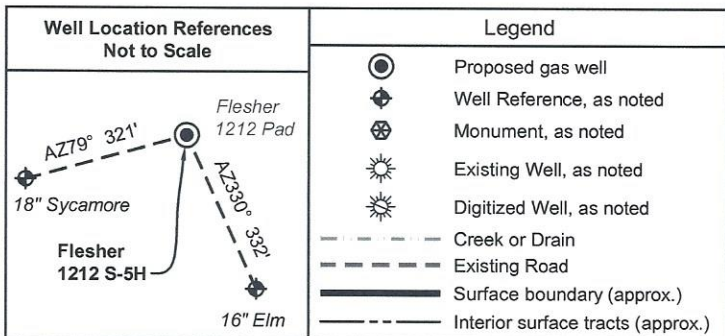


No.	TM / Par	Owner	Bk / Pg	Ac.
1	6C / 47	HG Energy II Appalachia, LLC	753 / 453	70.00
2	6C / 25.1	William Radtka & Helen Burton	655 / 681	5.85
3	6C / 25	Robert M. Painter	629 / 411	23.13
4	6C / 23	Richard G. & Loretta E. Hayhurst	566 / 355	34.80
5	6C / 23.4	Richard G. Hayhurst, et ux	565 / 326	4.13
6	6C / 23.10	Gary Farris	700 / 769	0.65
7	6C / 23.6	Gary Farris	700 / 769	2.02
8	6C / 23.7	Gary C. & Brenda J. Maki	671 / 327	2.40
9	6C / 23.5	Larry Jarrett & Michelle Casey	661 / 455	1.53
10	6C / 22	Mann Family Trust	617 / 608	265.19
11	6C / 21	Thomas R. Zinn, et al	445 / 493	166.25
12	6C / 23.1	Michael & Laura Phillips	661 / 298	0.16
13	6C / 23.9	Michael & Laura Phillips	661 / 298	0.25
14	6C / 23.2	Michael & Laura Phillips	661 / 298	21.32
15	6C / 17	Eastern Gas Transmission & Storage, Inc.	427 / 545	17.49
16	6C / 27.2	Kenneth Roth	575 / 152	3.10
17	6C / 27.3	George & Lisa Cogar	594 / 16	10.20
18	6C / 29	Carolyn M. Sias, et al	718 / 171	1.25
19	6C / 27.1	Allen E. Daugherty	502 / 435	1.06
20	6C / 30	Richard W. Dunham	586 / 149	0.50
21	6C / 16	Valley Chapel U.M. Church	7 / 285	0.33
22	6C / 31	Chad E. Dunham	662 / 681	0.81
23	6C / 32	Richard W. Dunham	W11 / 100	28.52
24	6C / 14	Eastern Gas Transmission & Storage, Inc.	427 / 545	27.30
25	6C / 33	Michael J. & Whitney N. Marsh	628 / 734	2.25
26	6C / 34	Richard W. Dunham	533 / 799	3.00
27	6C / 13	Eastern Gas Transmission & Storage, Inc.	427 / 545	6.57
28	6C / 32.1	Fred A. Bailey	W25 / 263	92.89
29	6C / 35	Richard D. & Connie S. Carpenter (LE)	707 / 83	15.00
30	6C / 36	Richard D. & Connie S. Carpenter (LE)	707 / 83	12.00
31	6C / 37	Richard D. & Connie S. Carpenter (LE)	707 / 83	21.50
32	6D / 24	Richard D. & Connie S. Carpenter (LE)	707 / 83	8.00
33	6D / 25	Larry & Gina F. Simon	702 / 865	4.30
34	6D / 25.3	Jessica L. Bailey	715 / 903	0.57
35	6D / 25.2	WV American Water Co.	583 / 337	0.01
36	6D / 25.4	Jessica L. Bailey	715 / 903	6.47
37	6D / 26	Elden R. Jackson	468 / 370	3.99
38	6D / 27.1	Karen Sue Carson	553 / 232	2.00
39	6D / 32	Elden R. Jackson	468 / 370	2.85
40	6D / 30	Scott & Amy Carpenter	709 / 826	3.93
41	6D / 28	Alicia Sue Lang	W31 / 530	1.68
42	6D / 30.1	Charles F. Bailey	W25 / 263	5.37
43	6D / 29	Tina M. Burnside	W42 / 563	1.91
44	6D / 29.1	Mary J. Bailey Trust	W49 / 571	14.09
45	6D / 37	Charles R. Kemper	487 / 688	13.40
46	6D / 55	Edward E. Garrett	482 / 153	95.00
47	6D / 65	Edward E. Garrett	482 / 153	61.08
48	6D / 64	Mary Lou Curry Trust	681 / 626	69.00
49	6D / 83.2	Edith L. Withers	W27 / 108	34.00
50	6D / 84	Chad & Elizabeth Boram	739 / 539	31.01
51	6D / 85.2	Martha & Raymond W. James, Jr.	570 / 478	4.40
52	6D / 85.6	Brian S. & Donna M. Seckman	546 / 250	6.07
53	6D / 85.7	Brian S. & Donna M. Seckman	546 / 250	3.33
54	6D / 90.1	Edgar L. & Patricia E. Bleigh	751 / 153	5.20
55	6D / 85	Brian S. & Donna M. Seckman	600 / 715	2.00
56	6D / 85.3	Kenneth F. & Sheryl A. Short	710 / 296	1.96
57	6D / 85.5	Tracy D. & Edgar L. Bleigh, Jr.	548 / 109	1.26
58	6D / 85.1	Stephen M. Perry	655 / 286	0.57
59	6D / 85.4	Ann L. James, et al	608 / 184	2.60
60	6D / 84.2	Joseph M. & Linda G. Menendez	592 / 685	0.52
61	6D / 84.1	Evelyn M. Money Penny	W12 / 471	0.52
62	6D / 84.4	Robert B. & Valerie Westfall	688 / 516	0.52
63	6D / 86.1	Carlos R. & Teresa Oseguera	747 / 112	0.56
64	6D / 86.2	Joseph C. & Kathryn Q. Kemper	598 / 475	0.46
65	6D / 86.3	David B. & Debra A. Montgomery	665 / 739	2.27
66	6D / 88	Robert Bailey, et al	659 / 782	4.20
67	6D / 86	David B. & Debra A. Montgomery	557 / 829	23.85
68	6D / 93	David B. & Debra A. Montgomery	614 / 714	19.10
69	7D / 17	Karen Butcher, et al	FID	13.75
70	7E / 1.5	Geprge W. Persinger	565 / 70	10.11



**Notes:** Well No. Flesher 1212 S-5H  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Top Hole coordinates Bottom Hole coordinates  
 Latitude: 39°07'05.32" Latitude: 39°04'42.04"  
 Longitude: 80°29'16.24" Longitude: 80°28'48.23"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,330,022.638m N: 4,325,609.788m  
 E: 544,290.717m E: 544,988.531m  
 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-5H  
**UTM NAD 1983 (USSF)**  
 Top Hole Coordinates  
 N: 14,206,082.59'  
 E: 1,785,727.12'  
 Landing Point Coordinates  
 N: 14,204,989.20'  
 E: 1,783,186.43'  
 Bottom Hole Coordinates  
 N: 14,191,604.78'  
 E: 1,788,016.54'



No.	TM / Par	Owner	Bk / Pg	Ac.
71	6E / 46	Marjorie L. & Michael F. Tierney, Jr.	520 / 168	11.00
72	6E / 32	Marjorie L. & Michael F. Tierney, Jr.	582 / 479	12.60
73	7E / 53	Marjorie L. & Michael F. Tierney, Jr.	564 / 168	1.00
74	6E / 33	John W. & Debra K. Carroll	384 / 231	2.64
75	6E / 29.1	Samuel M. & Janice S. Bailey	338 / 639	5.72
76	6E / 30.2	Robert Bailey, et al	659 / 782	6.22
77	7E / 5	Martha C. Queen	553 / 416	20.40
78	7E / 6	Martha C. Queen	553 / 416	15.38
79	6E / 44	Terry & Susanna Flesher	639 / 812	3.00
80	6D / 23	Scott & Amy Carpenter	709 / 826	80.00

FILE NO: 156-36-12-U-F-19  
 DRAWING NO: Flesher 1212 S-5H 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**

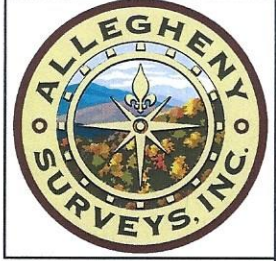
DATE: January 19 2022  
 OPERATOR'S WELL NO. Flesher 1212 S-5H  
 API WELL NO  
 47 - 041 - 05715  
 STATE COUNTY PERMIT

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

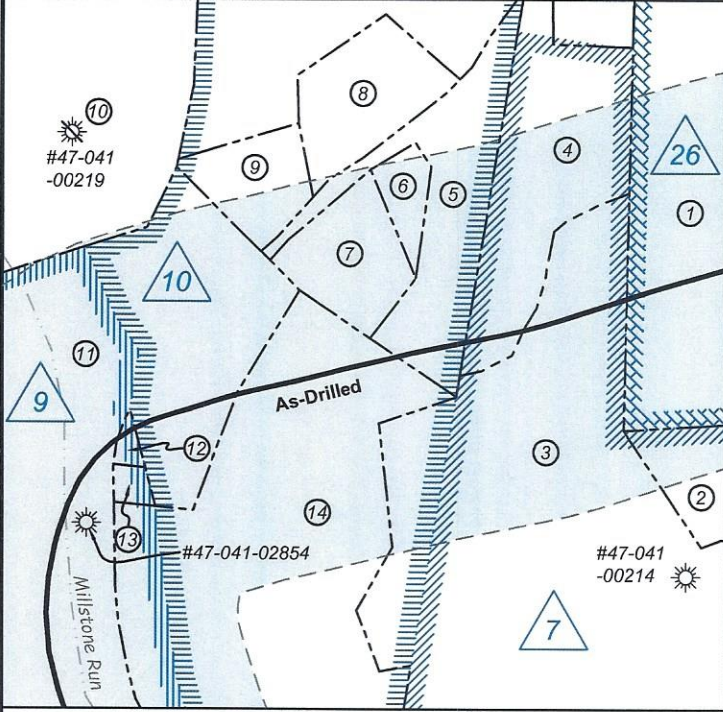
LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek  
 DISTRICT: Freemans Creek  
 SURFACE OWNER: H.G. Energy II Appalachia, LLC  
 ROYALTY OWNER: W.D. Hitt, et al, et al LEASE NO: ACREAGE: 210.00

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 6,955' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,081' MD

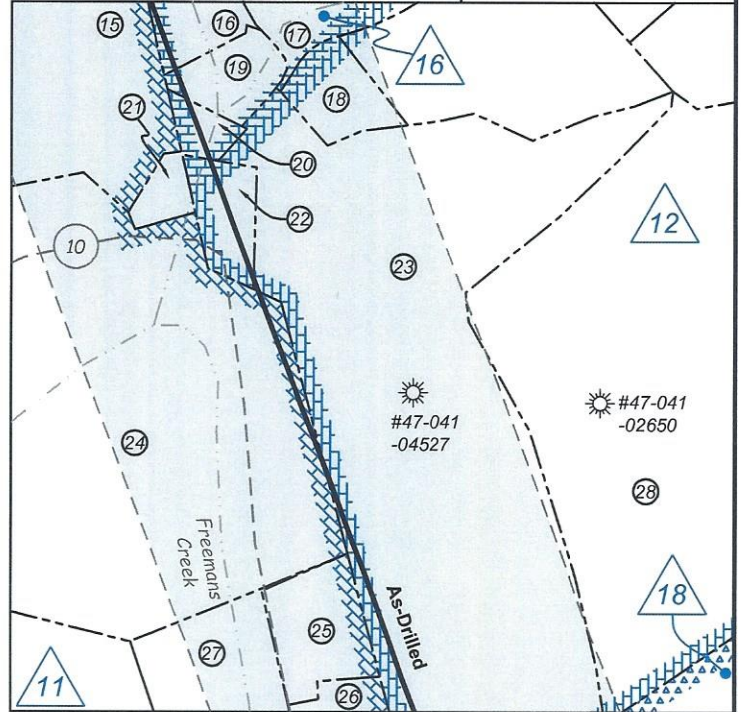
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White  
 ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road  
 Parkersburg, WV 26101 Parkersburg, WV 26101



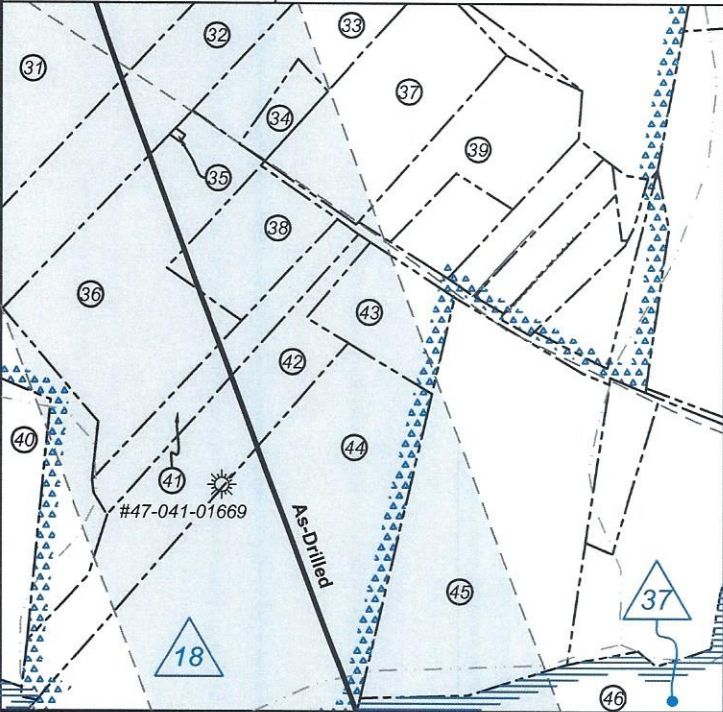
Detail 1 (Scale 1"=500')



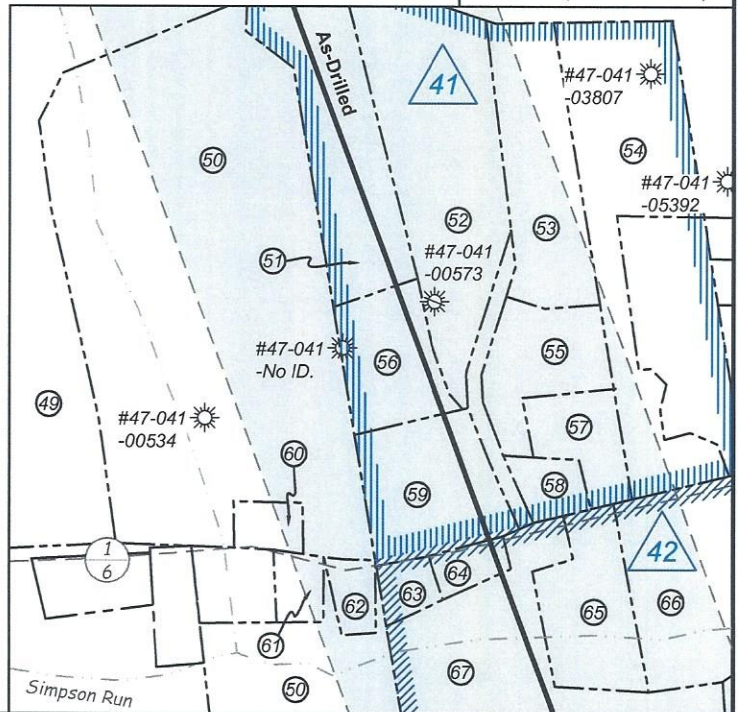
Detail 2 (Scale 1"=500')



Detail 3 (Scale 1"=500')



Detail 4 (Scale 1"=500')



FILE NO: 156-36-12-U-F-19  
DRAWING NO: Flesher 1212 S-5H 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 S-5H  
API WELL NO  
47 - 041 - 05715  
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

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 6,955' TVD

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,081' 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

03/22/2024