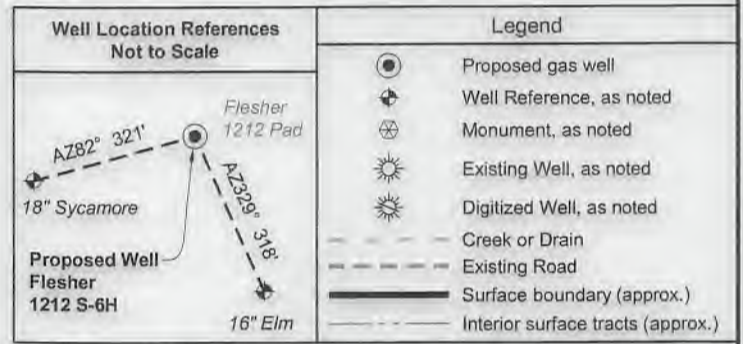




Lewis Co. - Freeman Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	6C / 47	HG Energy II Appalachia, LLC	753 / 453	70.00
2	6C / 25.1	William Radtka & Helen Burton	655 / 681	5.85
3	6C / 25	Robert M. Painter	829 / 411	27.48
4	6C / 23	Richard G. & Loretta E. Hayhurst	566 / 355	34.80
5	6C / 23.4	Richard 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 / 23.2	Michael & Laura Phillips	661 / 298	21.32
9	6C / 27.4	21st Mortgage Corporation	749 / 527	2.03
10	6C / 27.3	George & Lisa Cogar	594 / 16	10.20
11	6C / 43	Gary A. Sias	646 / 688	50.59
12	6C / 43.1	Robert M. Painter	598 / 001	3.89
13	6C / 28	Carolyn M. Sias, et al	718 / 171	6.10
14	6C / 32	Richard W. Dunham	W11 / 100	28.52
15	6C / 32.1	Fred A. Bailey	W25 / 263	92.89
16	6C / 42	Fred A. Bailey	W25 / 263	6.70
17	6C / 41	Larry R. & Gina F. Simon	702 / 865	19.11
18	6C / 40.1	Jeffrey R. & Pamela J. Nicholson	713 / 40	5.50
19	6C / 40	Scott & Amy Carpenter	709 / 826	45.95
20	6C / 35	Richard D. & Connie S. Carpenter (LE)	707 / 83	15.00
21	6C / 36	Richard D. & Connie S. Carpenter (LE)	707 / 83	12.00
22	6C / 37	Richard D. & Connie S. Carpenter (LE)	707 / 83	21.50
23	6D / 24	Richard D. & Connie S. Carpenter (LE)	707 / 83	8.00
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25	6D / 26	Elden R. Jackson	468 / 370	3.99
26	6D / 26.1	Bennett D. & Jo A. Orvik	444 / 89	0.25
27	6D / 99	Bennett D. & Jo A. Orvik	412 / 147	10.00
28	6C / 39	Phyllis L. & Dolores A. Hinterer	591 / 653	23.00
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33	6D / 33	William C. & Dorothea M. Casto	313 / 601	1.03
34	6D / 34.1	Bennett D. & Jo A. Orvik	419 / 528	0.21
35	6D / 34	Jacob S. Davisson	716 / 631	0.81
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37	6D / 36	Phyllis L. & Dolores A. Hinterer	591 / 653	0.33
38	6D / 37	Charles R. Kemper	487 / 688	13.40
39	6D / 38.1	Gary L. & Karen L. Messenger	346 / 43	1.07
40	6D / 38	Michael D. & Ernie D. Batten	669 / 494	3.43
41	6D / 54	Kenneth D. Huffman	W32 / 293	0.98
42	6D / 44	Richard Messenger	F25 / 680	4.96
43	6D / 41	Tyler L. & Emily L. Syreus	684 / 52	1.57
44	6D / 42	Michael & Kelly M. Goodwin	682 / 485	15.98

ID	Lease
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10	J.S. Norris, et al
12	C.L. Hitt, et al
16	George Norris, et al
17	H.M. Stewart & C.J. Stewart
18	W.E. Carpenter, et al
26	W.D. Hitt, et al
32	Zeffie M. Keister, et al



Notes: Well No. Flesher 1212 S-6H	Notes: Well No. Flesher 1212 S-6H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.	UTM NAD 1983 (USSF)
Top Hole coordinates Latitude: 39°07'05.18" Longitude: 80°29'16.21"	Bottom Hole coordinates Latitude: 39°06'00.36" Longitude: 80°29'06.94"
UTM Zone 17, NAD 1983	UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,330,018.119m E: 544,291.444m	Bottom Hole Coordinates N: 4,328,021.450m E: 544,525.389m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.	Landing Point Coordinates N: 14,205,089.45' E: 1,784,484.36'
	Bottom Hole Coordinates N: 14,199,517.04' E: 1,786,497.05'

FILE NO: 156-36-12-U-F-19  
DRAWING NO: Flesher 1212 S-6H 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: November 30 2020  
OPERATOR'S WELL NO. Flesher 1212 S-6H  
**API WELL NO H6A**  
47 - 041 - 05714  
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

Btm: Big Isaac  
QUADRANGLE: Top: Weston  
COUNTY: Lewis  
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) \_\_\_\_\_  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,925' TVD 13,572' 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

7,640' to Bottom Hole

8,368' to Top Hole

LATITUDE 39 - 07 - 30

LONGITUDE 80 - 27 - 30

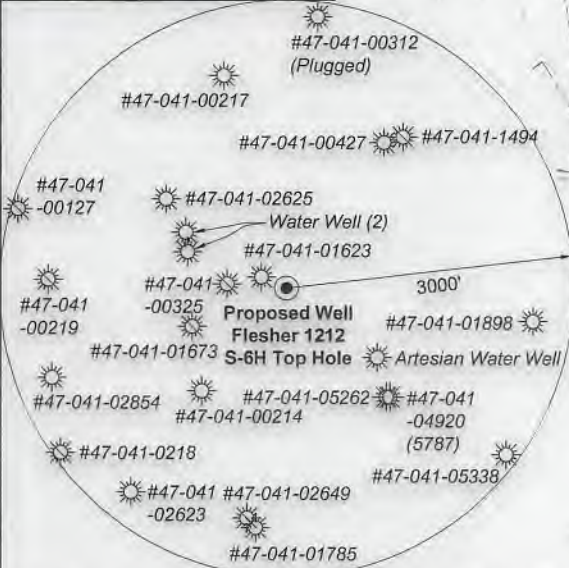
2,511' to Top Hole

9,066' to Bottom Hole



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 S-6H 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: November 30 2020  
OPERATOR'S WELL NO. Flesher 1212 S-6H  
API WELL NO. **47-041-05119**  
STATE COUNTY PERMIT

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

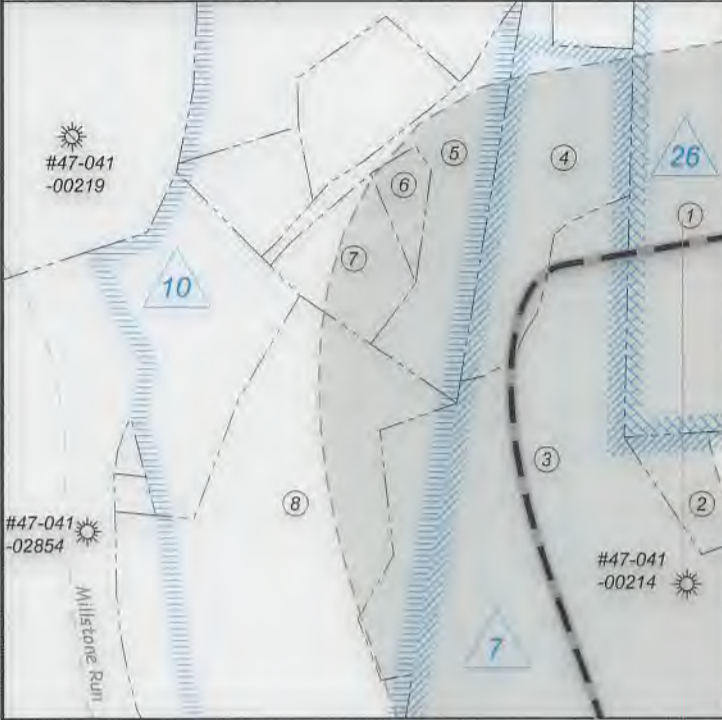
LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek  
DISTRICT: Freemans Creek  
SURFACE OWNER: H.G. Energy II Appalachia, LLC  
ROYALTY OWNER: W.D. Hitt, et al, et al LEASE NO: \_\_\_\_\_ ACREAGE: 210.00

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 6,925' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 13,572' MD

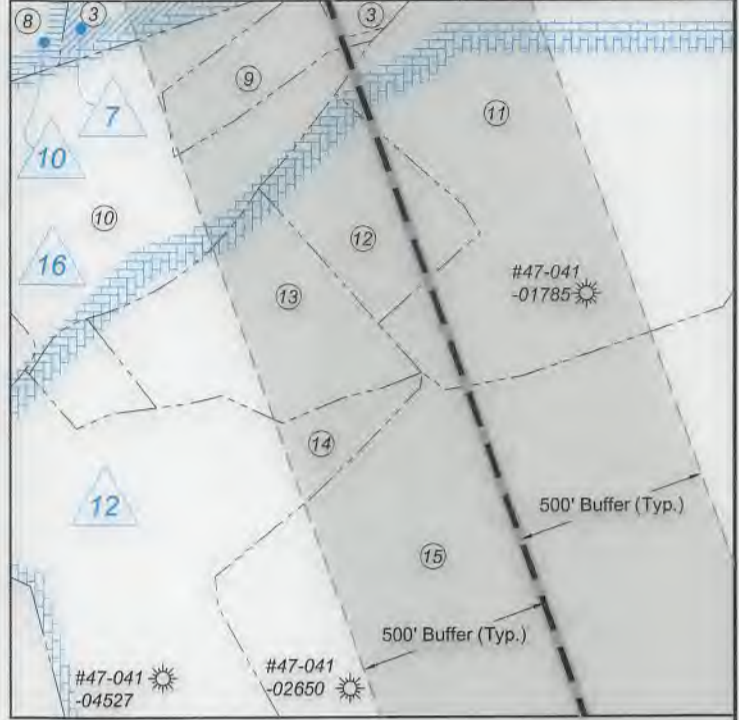
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White  
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101



Detail 1 (Scale 1"=500')

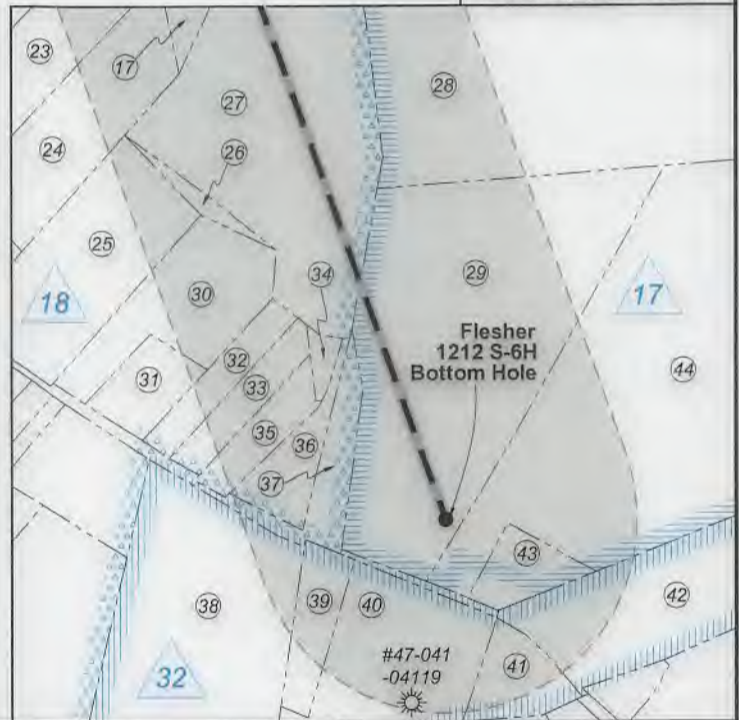


Detail 2 (Scale 1"=500')

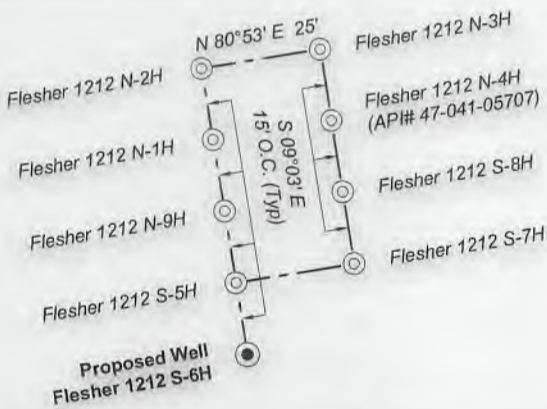


Tag	Bearing	Dist.	Description
L1	N 43°49' W	1,515.2'	#47-041-05262
L2	N 23°41' E	638.2'	1/2" Rebar
L3	N 69°03' E	1,588.01'	1" Iron pipe
L4	S 52°12' E	1,577.3'	#47-041-02625
L5	S 51°51' W	1,583.5'	Landing point

Detail 3 (Scale 1"=500')



Wellhead Layout (NTS)



FILE NO: 156-36-12-U-F-19  
DRAWING NO: Flesher 1212 S-6H 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: November 30 2020  
OPERATOR'S WELL NO. Flesher 1212 S-6H  
API WELL NO **H4A**  
47 - 041 - **05714**  
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: Btm: Big Isaac  
Top: 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) \_\_\_\_\_ 6,925' TVD

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 13,572' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

HG Energy II Appalachia, LLC  
Well No. Flesher 1212 S-6H

Page 1 of 3

WV Department of  
Environmental Protection

DEC 28 2020

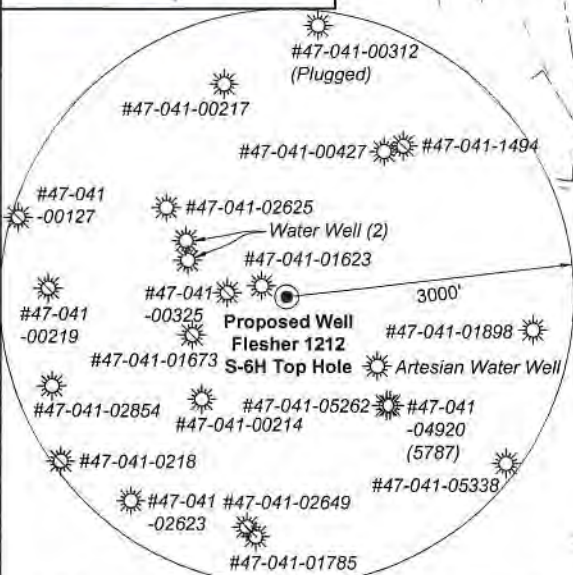
RECEIVED  
Office of Oil and Gas



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 S-6H 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: November 30 2020  
OPERATOR'S WELL NO. Flesher 1212 S-6H  
API WELL NO  
47 - 041 - 05714  
STATE COUNTY PERMIT

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

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QUADRANGLE: Top: Weston  
Btm: Big Isaac

DISTRICT: Freemans Creek

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

ACREAGE: 70.00

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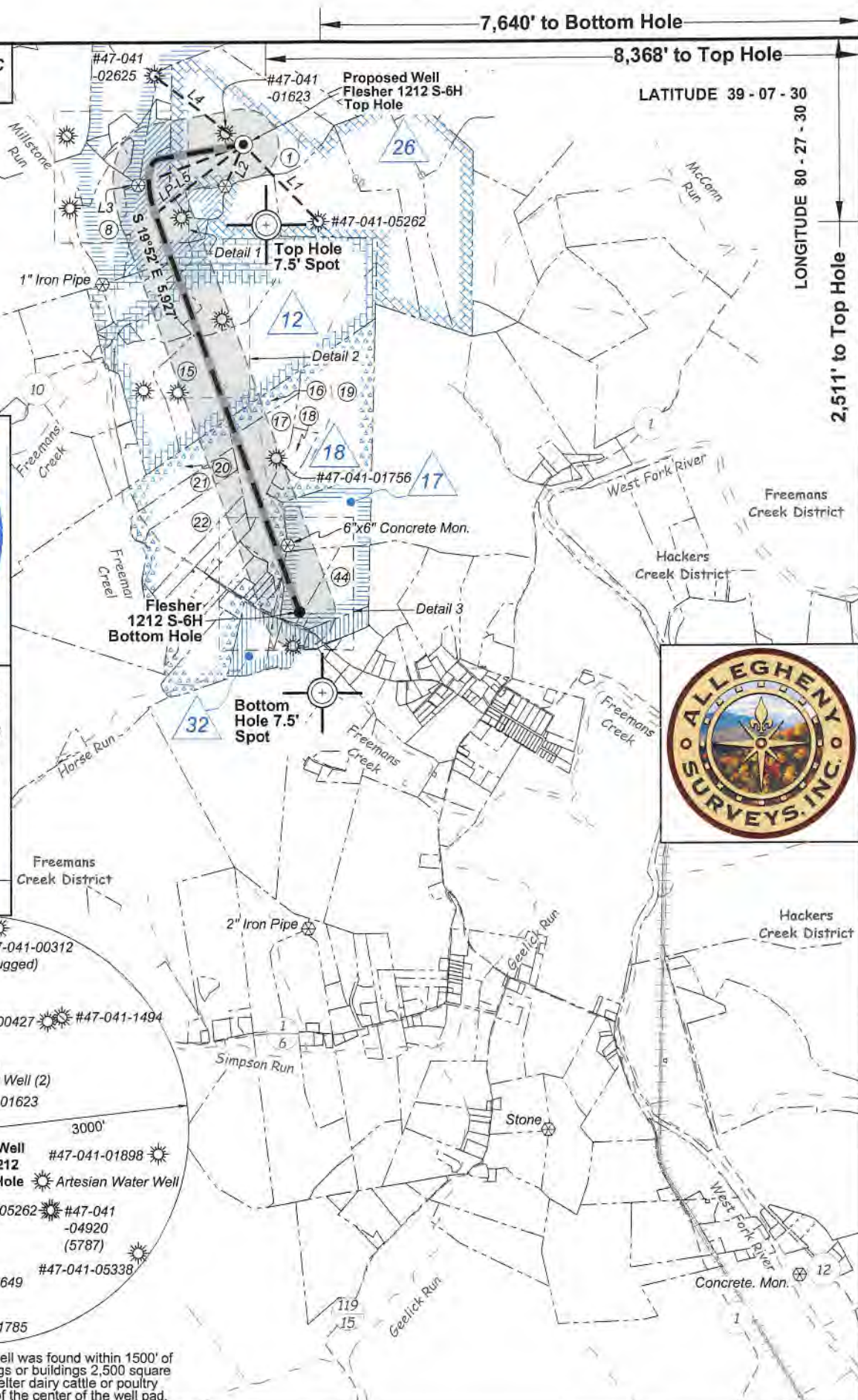
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PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 13,572 MD 6,925' TVD

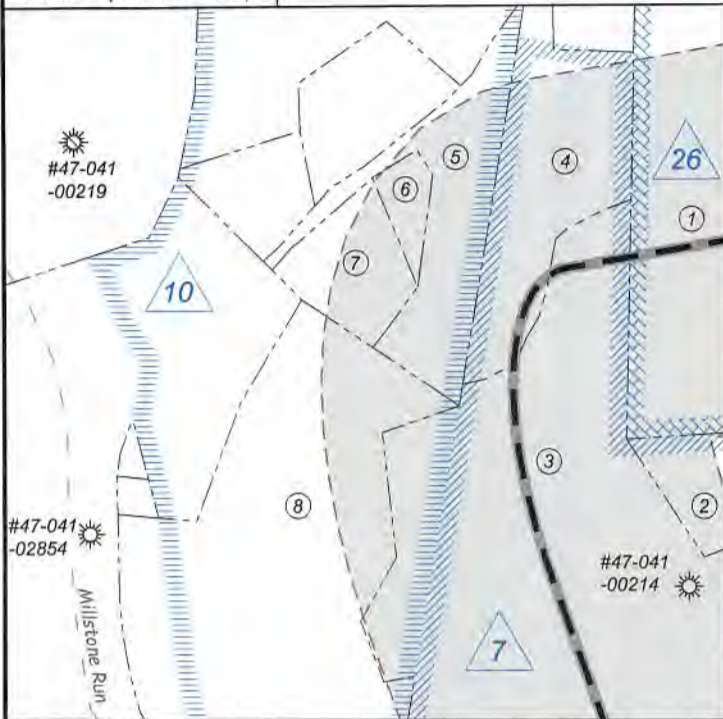
WELL OPERATOR: HG Energy II Appalachia, LLC  
ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White  
ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

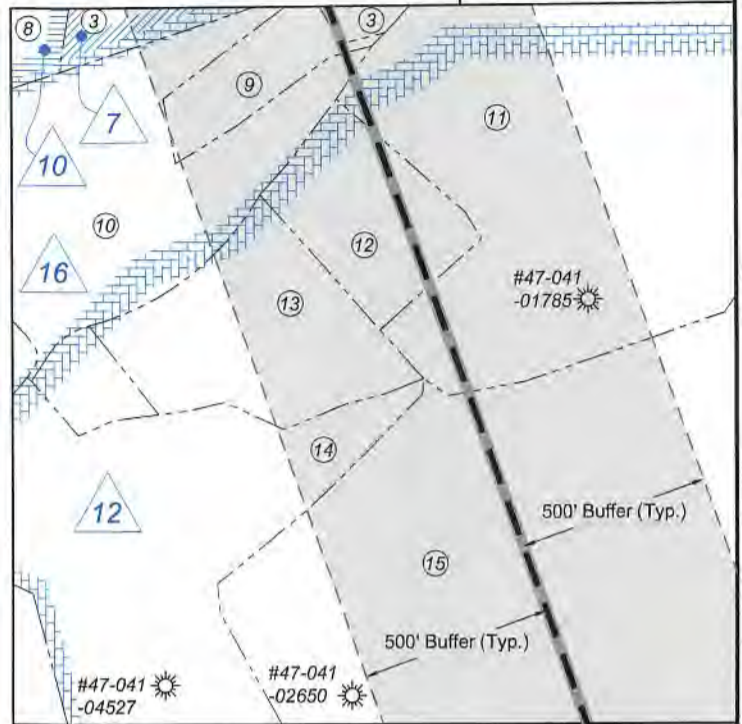




Detail 1 (Scale 1"=500')



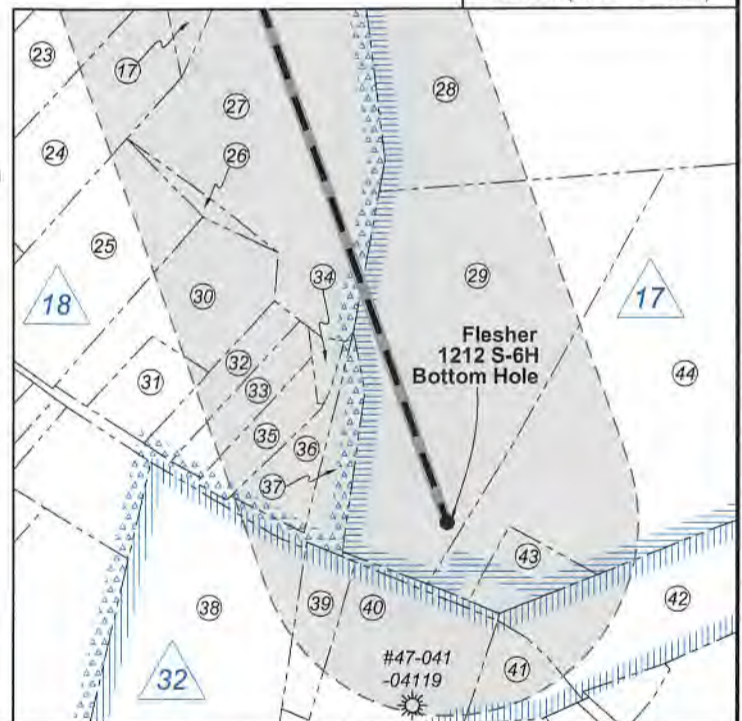
Detail 2 (Scale 1"=500')



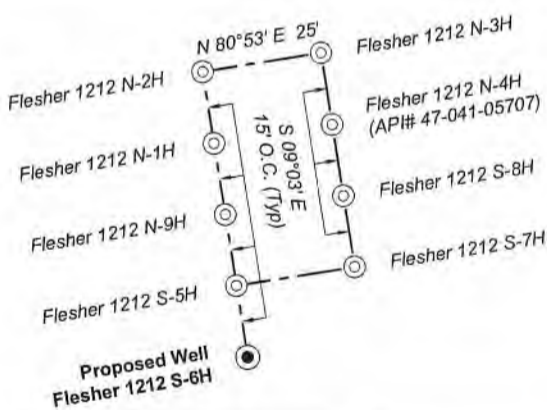
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L5	S 51°51' W	1,583.5'	Landing point

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Office of Oil and Gas  
**DEC 28 2020**  
WV Department of  
Environmental Protection

Detail 3 (Scale 1"=500')



Wellhead Layout (NTS)



FILE NO: 156-36-12-U-F-19  
DRAWING NO: Flesher 1212 S-6H 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: November 30 2020  
OPERATOR'S WELL NO. Flesher 1212 S-6H  
API WELL NO  
47 - 041 - 05714  
STATE COUNTY PERMIT

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ACREAGE: 70.00

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

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PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 13,572' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

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Parkersburg, WV 26101



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Office of Oil and Gas

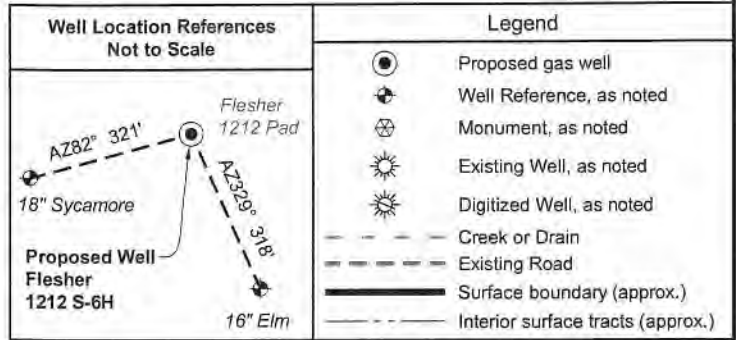
DEC 28 2020

WV Department of  
Environmental Protection

Lewis Co. - Freeman Creek Dist.

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<p>Notes: Well No. Flesher 1212 S-6H West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Top Hole coordinates      Bottom Hole coordinates Latitude: 39°07'05.18"      Latitude: 39°06'00.36" Longitude: 80°29'16.21"      Longitude: 80°29'06.94" UTM Zone 17, NAD 1983 Top Hole Coordinates      Bottom Hole Coordinates N: 4,330,018.119m      N: 4,328,021.450m E: 544,291.444m      E: 544,525.389m Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.</p>	<p>Notes: Well No. Flesher 1212 S-6H UTM NAD 1983 (USSF) Top Hole Coordinates N: 14,206,067.78' E: 1,785,729.51' Landing Point Coordinates N: 14,205,089.45' E: 1,784,484.36' Bottom Hole Coordinates N: 14,199,517.04' E: 1,786,497.05'</p>
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FILE NO: 156-36-12-U-F-19  
DRAWING NO: Flesher 1212 S-6H 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

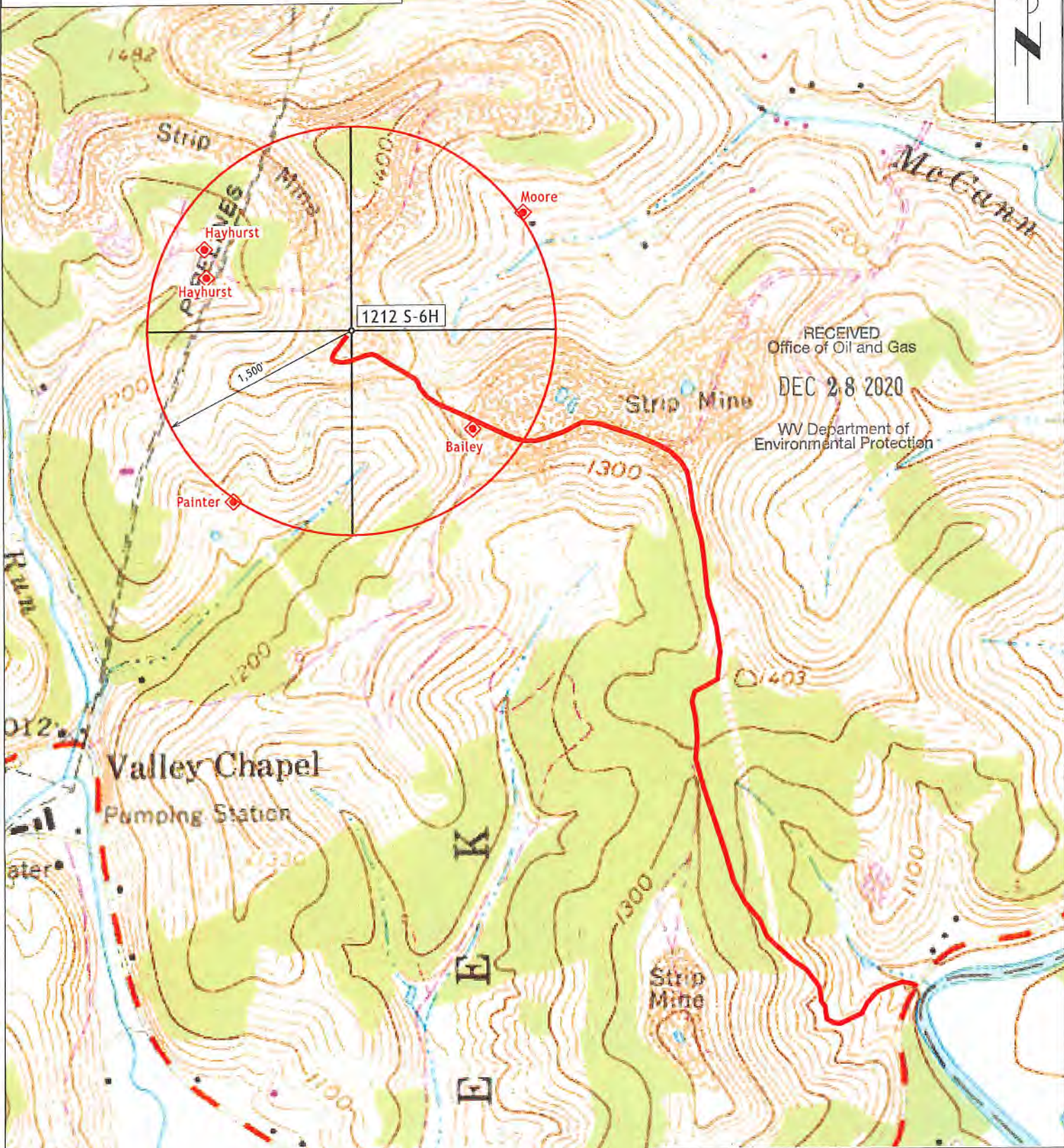
DATE: November 30 2020  
OPERATOR'S WELL NO. Flesher 1212 S-6H  
API WELL NO  
47 - 041 - 05714  
STATE COUNTY PERMIT

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)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 13,572' MD 6,925' TVD

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

SUBJECT WELL  
Flesher 1212 S-6H

McCann Run 4704105714



RECEIVED  
Office of Oil and Gas  
DEC 28 2020  
WV Department of  
Environmental Protection

◆ Denotes Possible  
Water Supply Source  
to be Tested

Section of  
Weston & West  
Milford 7.5' Quadrangles  
SCALE 1"=1000'