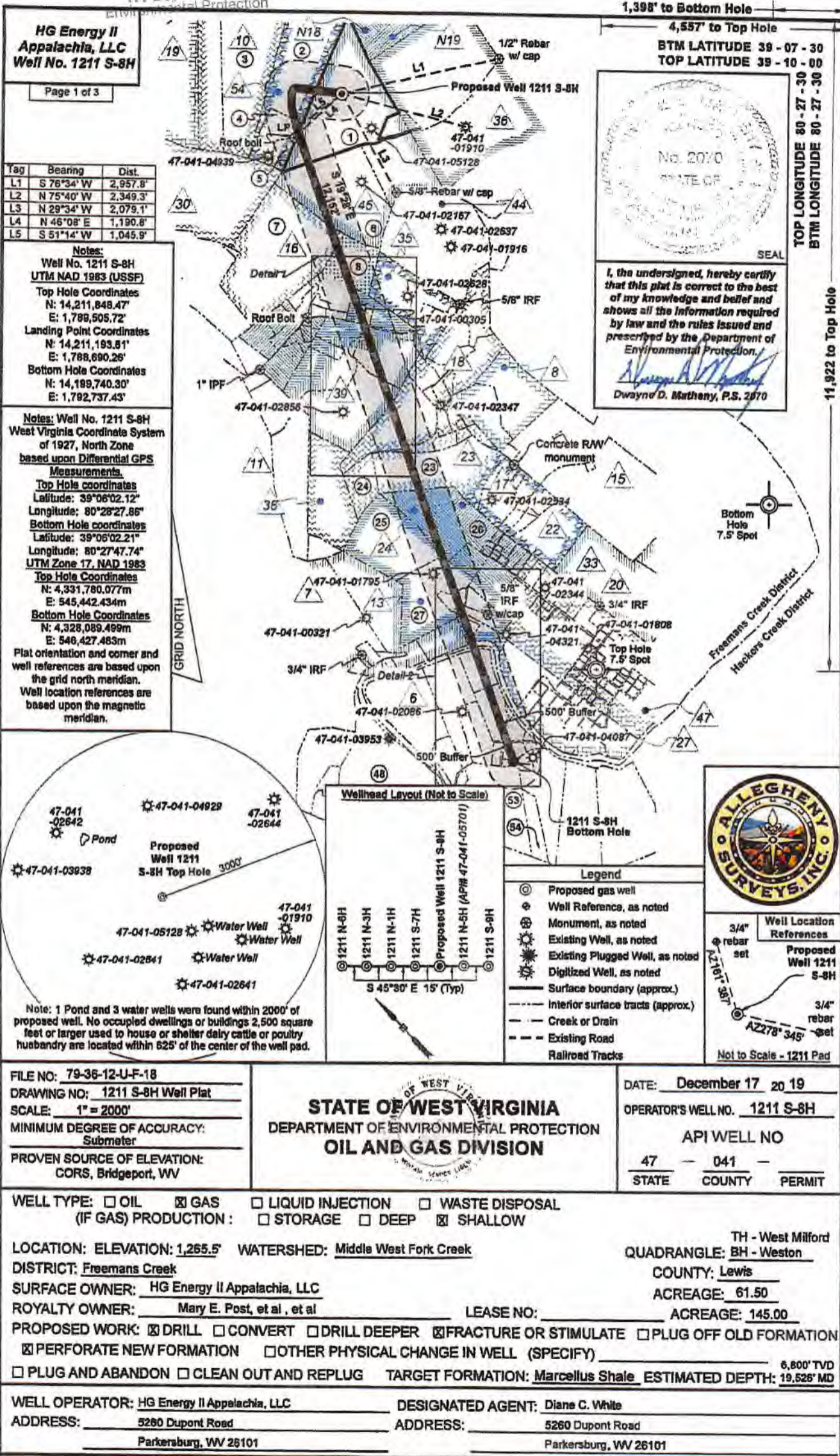


FEB 03 2020

WV Department of  
Environmental Protection



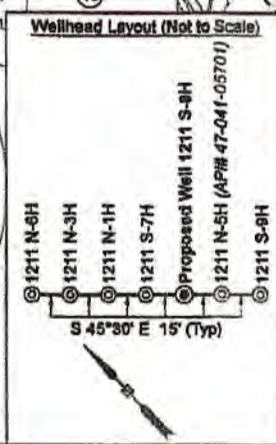
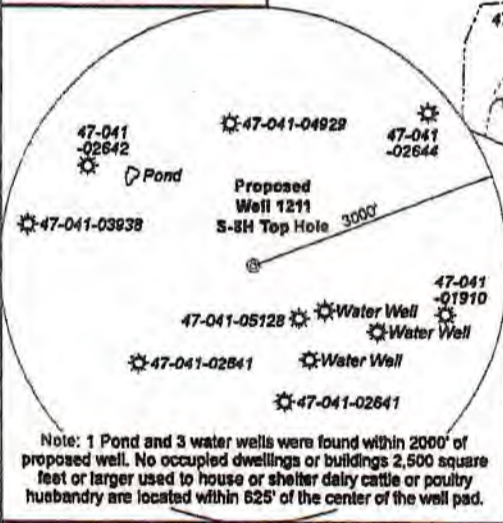
**HG Energy II  
Appalachia, LLC  
Well No. 1211 S-8H**

Page 1 of 3

Tag	Bearing	Dist.
L1	S 76°34' W	2,957.8'
L2	N 75°40' W	2,349.3'
L3	N 29°34' W	2,079.1'
L4	N 46°08' E	1,190.8'
L5	S 51°14' W	1,045.9'

**Notes:**  
Well No. 1211 S-8H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,211,848.47'  
E: 1,789,505.72'  
Landing Point Coordinates  
N: 14,211,193.81'  
E: 1,788,690.26'  
Bottom Hole Coordinates  
N: 14,199,740.30'  
E: 1,792,737.43'

**Notes:** Well No. 1211 S-8H  
West Virginia Coordinate System  
of 1927, North Zone  
based upon Differential GPS  
Measurements.  
Top Hole coordinates  
Latitude: 39°06'02.12"  
Longitude: 80°28'27.86"  
Bottom Hole coordinates  
Latitude: 39°06'02.21"  
Longitude: 80°27'47.74"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates  
N: 4,331,780.077m  
E: 545,442.434m  
Bottom Hole Coordinates  
N: 4,328,089.499m  
E: 546,427.463m  
Plat orientation and corner  
and well references are based upon  
the grid north meridian.  
Well location references are  
based upon the magnetic  
meridian.



**Legend**

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

**Well Location References**

3/4" rebar set  
Proposed Well 1211 S-8H  
3/4" rebar set  
A2278° 345'

Not to Scale - 1211 Pad

FILE NO: 79-36-12-U-F-18  
DRAWING NO: 1211 S-8H 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: December 17 20 19  
OPERATOR'S WELL NO. 1211 S-8H  
API WELL NO  
47 - 041 -  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,265.5' WATERSHED: Middle West Fork Creek  
DISTRICT: Freemans Creek QUADRANGLE: BH - Weston  
SURFACE OWNER: HG Energy II Appalachia, LLC COUNTY: Lewis  
ROYALTY OWNER: Mary E. Post, et al, et al LEASE NO: ACREAGE: 61.50  
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: 19,526' MD 6,800' 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

1,398' to Bottom Hole  
4,557' to Top Hole  
BTM LATITUDE 39 - 07 - 30  
TOP LATITUDE 39 - 10 - 00  
TOP LONGITUDE 80 - 27 - 30  
BTM LONGITUDE 80 - 27 - 30

11,922 to Top Hole  
8,078 to Bottom Hole

No. 2070  
STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DWAYNE D. MATHENY, P.S. 2070

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.

SEAL

**HG Energy II  
Appalachia, LLC  
Well No. 1211 S-8H**

Page 2 of 3

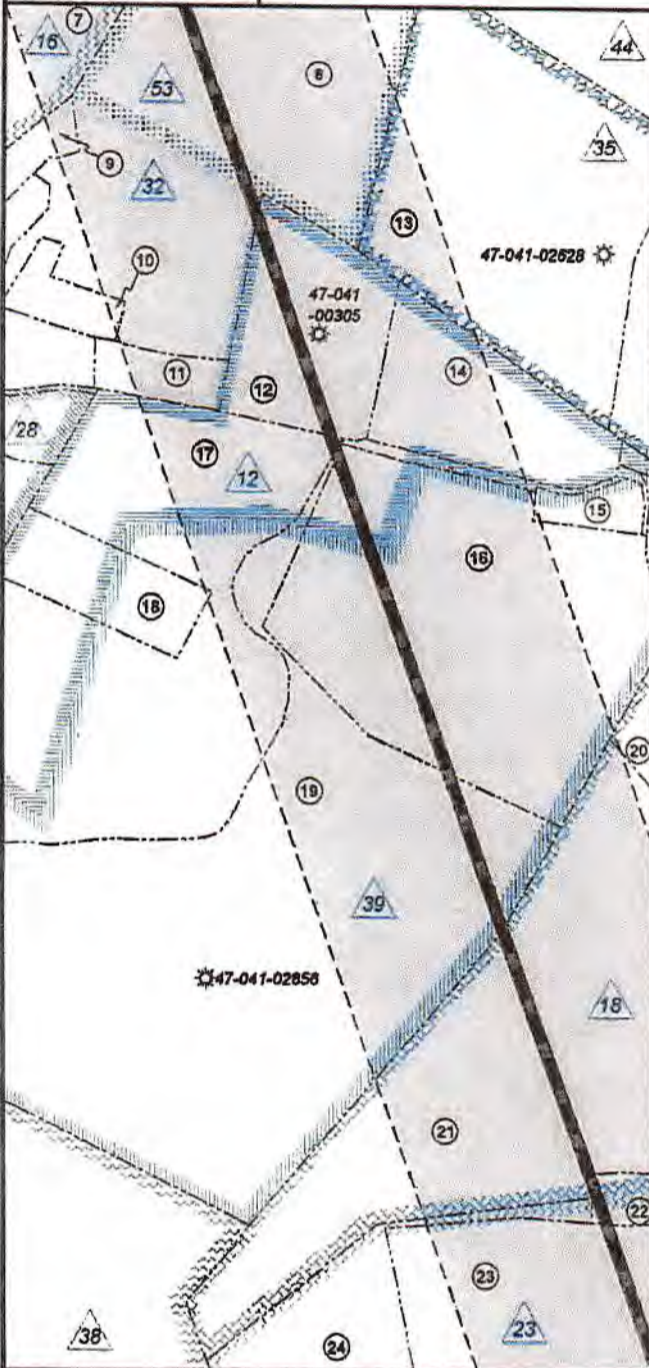
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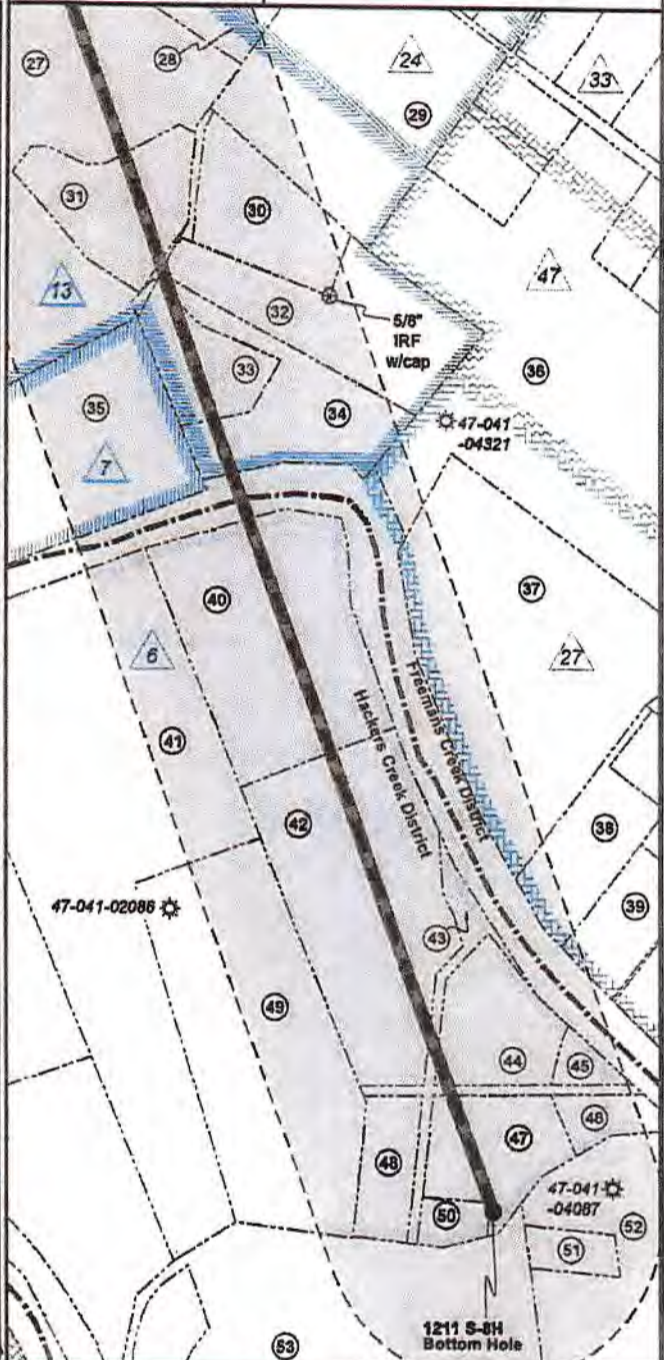
WV Department of  
Environmental Protection



Detail 1 - Scale: 1" = 500'



Detail 2 - Scale: 1" = 500'



FILE NO: 79-36-12-U-F-18  
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Submeter  
PROVEN SOURCE OF ELEVATION:  
CORS, Bridgeport, WV

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

DATE: December 17, 2019  
OPERATOR'S WELL NO. 1211 S-8H  
API WELL NO  
47 - 041 -  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,265.5' WATERSHED: Middle West Fork Creek

DISTRICT: Freemans Creek

SURFACE OWNER: HG Energy II Appalachia, LLC

ROYALTY OWNER: Mary E. Post, et al, et al

LEASE NO: \_\_\_\_\_ ACREAGE: 145.00

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: 8,800' TVD  
19,526' MD

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

TH - West Milford  
QUADRANGLE: BH - Weston  
COUNTY: Lewis  
ACREAGE: 61.50

**HG Energy II  
Appalachia, LLC  
Well No. 1211 S-8H**



Page 3 of 3

No.	TM / Par	Owner	Bk / Pg	Ac.
1	7B / 10	HG Energy II Appalachia, LLC	730 / 677	61.50
2	7B / 9	Brincefield Family Trust	588 / 740	56.76
3	8B / 41	Brincefield Family Trust	588 / 740	71.62
4	7B / 9.2	Brincefield Family Trust	588 / 740	10.51
5	7B / 9.1	Frank McDonald	479 / 8	3.73
6	7B / 11	HG Energy II Appalachia LLC	730 / 677	54.50
7	6B / 47	Michael A. & Christine A. Cutlip	648 / 51	71.00
8	7C / 1	William B. & Teresa A. McCormick	605 / 385	22.76
9	7C / 1.2	Timothy J. & Tawney A. Wyatt	509 / 18	0.77
10	7C / 1.4	Joyce Lea Williams	638 / 86	1.11
11	7C / 2	Robert A. & Jane E. Horn	515 / 121	1.19
12	7C / 6	Beverly Ann Beam	453 / 353	5.66
13	7C / 32	Kelvin G. & Trent M. Williston	673 / 659	16.08
14	7C / 30.5	Timothy E. Beam	537 / 254	5.32
15	7C / 31	Francis C. Smith	488 / 375	0.75
16	7C / 30	John & Bette Gerath	429 / 689	19.16
17	7C / 6.3	Clinton C. & Gerilyn H. Beam	636 / 200	19.33
18	7C / 6.1	Clinton C. & Gerilyn H. Beam	556 / 174	3.00
19	7C / 6.2	Bette Gerath	412 / 593	36.15
20	7C / 30.8	Russell E. & Catherine F. Kerns	652 / 128	4.75
21	7C / 29	Betsy L. & Miquel A. Rodriguez	717 / 329	24.43
22	7C / 29.1	Daniel L. Truman	712 / 544	4.82
23	7C / 28.1	Charles D. & Linda Bailey	653 / 713	42.15
24	7C / 8	Bette Gerath	397 / 214	20.00
25	7C / 22	Fred Allen Bailey	452 / 268	35.35
26	7C / 25	Fred Allen Bailey	452 / 268	32.27
27	7C / 22.2	William B. Williams II	593 / 139	28.69
28	7C / 23	Fred Allen Bailey	452 / 268	6.02
29	7C / 51	Nathan King	720 / 789	9.75
30	7C / 21	Michael S. & Mary Beth Furby	593 / 248	3.00
31	7C / 22.1	Allen B. Jerden	301 / 77	3.35
32	7C / 20.1	Daniel R. & Glenna M. Johnston	726 / 830	3.00
33	7C / 20.2	Timothy P. & Glenda R. Weber	603 / 649	2.10
34	7C / 20	Edward W. Holden	726 / 826	5.20
35	7C / 19	Nina R. Chapman, et al	685 / 345	9.11
36	7C / 53.4	Jeremy & Jenny L. Garton	532 / 665	37.21
37	7C / 52.7	Jeremy & Jenny L. Garton	549 / 373	14.03
38	7C / 59	Jeremy & Jenny L. Garton	--- / ---	2.58
39	7C / 54	Joseph & Malissa Miller	--- / ---	1.91
40	7C / 12	James A. & Carol Trefz Smith	343 / 60	9.60
41	7D / 2	Donna M. & Aubrey E. Smith, Jr.	677 / 726	20.25
42	7D / 80	John & Phylis Porterfield	427 / 687	10.00
43	7D / 81	John & Phylis Porterfield	427 / 687	0.46
44	7D / 17	Tyrone D. & Amy B. Campbell	584 / 543	2.73
45	7D / 18	John & Phylis Porterfield	427 / 691	0.58
46	7D / 21	Tyrone D. & Amy B. Campbell	597 / 615	0.67
47	7D / 19	John & Phylis Porterfield	427 / 691	2.50
48	7D / 15	John & Phylis Porterfield	427 / 691	1.57
49	7D / 16	Ricky W. & Kristine L. Frame	670 / 717	10.75
50	7D / 14	John & Phylis Porterfield	427 / 691	0.47
51	7D / 20	James A. & Carol Trefz Smith	343 / 89	0.74
52	7D / 12	James A. & Carol Trefz Smith	343 / 60	28.66
53	7D / 13	Christine G. & Paul R. Myers	657 / 110	33.36
54	7D / 12.1	Randall D. & Leanna M. Louk	575 / 73	7.21

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Environmental Protection

ID	Lease
6	Mary E. Clark, et vr, et al
7	W.A. Chittum, et ux, et al
8	T.S. Allman, et al
10	J.L. Post, et al
11	W.D. Hilt, et al
12	G.C. Smith
13	Bertha H. Nay, et al
15	C.W. Smith, et al
16	P.C. Allman, et al
17	Maggie Cottrill
18	Cordelia Bailey
19	Henry L. Frashuer, et al
20	E.C. Strother, et al
22	C. Burke Morris, et al
23	C. Burke Morris, et al
24	A.B. College Inc.
27	E.R. Bennett, et al
28	M.G. Melihny, et al
29	J.L. Allman, et al
30	W.D. Allman, et al
32	J.L. Allman, et al
33	H.A. Fletcher, et al
35	Jesse Leeson, et al
36	George W. Nelly, et al
38	C. Burke Morris, et al
39	Cyrus W. Smith, et al
44	T.P. Barb, et al
45	Mary E. Post, et al
47	Minter E. Bailey
53	HG Energy II Appalachia, LLC
54	HG Energy II Appalachia, LLC
N18	Arthur Beeghley & et al
N19	James Beeghley, et al

FILE NO: 79-36-12-U-F-18  
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WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

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Parkersburg, WV 26101

Parkersburg, WV 26101