

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

API 47 - 033 - 05995 County Harrison District Grant
Quad Mount Clare 7.5' Pad Name Schoen 1205 Field/Pool Name Fink/Kennedy
Farm name Schoen Well Number Schoen 1205 S7H
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 4333800.329 Easting 555986.975
Landing Point of Curve Northing 4333666.912 Easting 555594.608
Bottom Hole Northing 4327335.246 Easting 557988.969

Elevation (ft) 1407 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/WBM(gas storage)/ OBM

Barite, Lime, CaCL, base oil, Gilsonite, Asphalt, clay, Emulsifier, sulfatone, safevert FLG, safevert WA

Date permit issued 12/03/2020 Date drilling commenced 9/19/2021 Date drilling ceased 3/26/2024
Date completion activities began 5/9/2024 Date completion activities ceased 9/24/2024
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

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Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug JUN 02 2025

Freshwater depth(s) ft 149' Open mine(s) (Y/N) depths N WV Department of
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N Environmental Protection
Coal depth(s) ft 416,818,1058 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) No

Reviewed by:

JP
8-13-2025

09/19/2025

API 47-033 - 05995

Farm name Schoen

Well number Schoen 1205 S7H

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"	117	New	157 lbs/ft		Drilled in
Surface	26"	20"	1214	New	94 lbs/ft J-55		Y, 55 bbl to surf
Coal							
Intermediate 1	17.5"	13.375"	2106	New	68 lbs/ft J55		Y, 130 bbl to surf
Intermediate 2	12.25"	9.625"	6344	New	40 lbs/ft L80		Y, 50 bbl to surf
Intermediate 3							
Production	8.5	5.5	30037	New	23 lbs/ft P-110		Y, 120 bbl to surf
Tubing							
Packer type and depth set							

Comment Details

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	Class A	1022/833	15/15.6	1.29/1.18	1318/983	Surface	8
Coal							
Intermediate 1	Class A	1736/546	16/16.4	1.2/1.14	2083/622	Surface	24
Intermediate 2	Class A	101/749/184	10.5/10.5/15.2	2.78/2.52/1.25	281/1887/230	Surface	8
Intermediate 3							
Production	Class A w/ Fulcrum	393/589/4626	13.6/13.8/14.8	1.73/1.43/1.34	680/842/6199	Surface	8
Tubing							

Drillers TD (ft) 30069

Loggers TD (ft)

Deepest formation penetrated Marcellus

Plug back to (ft)

Plug back procedure

Kick off depth (ft) 6439

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 every 3 joints to surface

13.375" casing: Bow spring centralizer on every joint

9.625" casing: Bow spring on first 2 joints then every 3rd joint to 100' from surface

5.5" casing: Centralizer run every 3 joints to top of curve (KOP) then centralizers placed every 5 joints to surface

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WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ☒ No DETAILS

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WAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILS

WERE TRACERS USED ☐ Yes ☒ No TYPE OF TRACER(S) USED

98 8.13.2025

09/19/2025

API 47-033 - 05995 Farm name Schoen Well number Schoen 1205 S7H

PERFORATION RECORD

[illegible]

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

[illegible]

Please insert additional pages as applicable.

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HG Energy II Appalachia, LLC
Schoen 1205 S-7H
Perforation Record

Stage #	Perforation Date	Perforation from Depth	Perforation to Depth	Number of Perforations	Formation
1	5/17/2024	29989	29966	2	Marcellus
2	5/17/2024	29932	29764	28	Marcellus
3	5/17/2024	29736	29568	28	Marcellus
4	5/18/2024	29540	29372	28	Marcellus
5	5/19/2024	29344	29176	28	Marcellus
6	5/20/2024	29148	28980	28	Marcellus
7	5/21/2024	28952	28784	28	Marcellus
8A	5/22/2024	28756	28588	28	Marcellus
8B	5/22/2024	28756	28,557	56	Marcellus
9	5/23/2024	28527	28377	28	Marcellus
10	5/23/2024	28347	28197	28	Marcellus
11	5/25/2024	28168	28000	28	Marcellus
12	5/25/2024	27972	27804	28	Marcellus
13	5/26/2024	27776	27608	28	Marcellus
14	5/26/2024	27580	27412	28	Marcellus
15	5/27/2024	27384	27216	28	Marcellus
16	5/27/2024	27188	27020	28	Marcellus
17	5/28/2024	26992	26824	28	Marcellus
18	5/29/2024	26796	26,628	28	Marcellus
19	5/29/2024	26600	26432	28	Marcellus
20	5/30/2024	26404	26236	28	Marcellus
21	5/30/2024	26208	26040	28	Marcellus
22	5/31/2024	26012	25844	28	Marcellus
23	5/31/2024	25816	25648	28	Marcellus
24	6/1/2024	25620	25452	28	Marcellus
25	6/2/2024	25424	25256	28	Marcellus
26	6/3/2024	25228	25060	28	Marcellus
27	6/4/2024	25032	24864	28	Marcellus
28	6/4/2024	24836	24668	28	Marcellus
29	6/5/2024	24640	24472	28	Marcellus
30	6/5/2024	24444	24276	28	Marcellus
31	6/6/2024	24248	24080	28	Marcellus
32	6/6/2024	24052	23884	28	Marcellus
33A	6/7/2024	23856	23688	28	Marcellus
33B	6/8/2024	23856	23658	56	Marcellus
34	6/9/2024	23627	23477	28	Marcellus
35	6/9/2024	23446	23296	28	Marcellus
36	6/9/2024	23268	23100	28	Marcellus
37	6/10/2024	23072	22904	28	Marcellus
38	6/11/2024	22876	22708	28	Marcellus
39	6/11/2024	22680	22512	28	Marcellus
40	6/12/2024	22484	22316	28	Marcellus
41	6/12/2024	22288	22120	28	Marcellus
42	6/13/2024	22092	21924	28	Marcellus
43	6/13/2024	21896	21728	28	Marcellus
44	6/14/2024	21700	21532	28	Marcellus
45	6/14/2024	21504	21336	28	Marcellus
46	6/15/2024	21308	21140	28	Marcellus
47	6/15/2024	21112	20944	28	Marcellus
48	6/16/2024	20916	20748	28	Marcellus
49	6/16/2024	20720	20552	28	Marcellus
50	6/17/2024	20524	20356	28	Marcellus
51	6/17/2024	20328	20160	28	Marcellus
52	6/18/2024	20132	19964	28	Marcellus
53	6/18/2024	19936	19768	28	Marcellus
54	6/19/2024	19740	19572	28	Marcellus
55	6/19/2024	19544	19376	28	Marcellus

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56	6/20/2024	19348	19180	28	Marcellus
57	6/20/2024	19152	18984	28	Marcellus
58	6/21/2024	18956	18788	28	Marcellus
59	6/21/2024	18760	18592	28	Marcellus
60	6/22/2024	18564	18396	28	Marcellus
61	6/22/2024	18368	18200	28	Marcellus
62	6/23/2024	18172	18004	28	Marcellus
63	6/23/2024	17976	17808	28	Marcellus
64	6/23/2024	17780	17612	28	Marcellus
65	6/24/2024	17584	17416	28	Marcellus
66	6/24/2024	17388	17220	28	Marcellus
67	6/24/2024	17192	17024	28	Marcellus
68	6/25/2024	16996	16828	28	Marcellus
69	6/25/2024	16800	16632	28	Marcellus
70	6/25/2024	16604	16436	28	Marcellus
71	6/25/2024	16408	16240	28	Marcellus
72	6/26/2024	16212	16044	28	Marcellus
73	6/26/2024	16016	15848	28	Marcellus
74	6/26/2024	15820	15652	28	Marcellus
75	6/27/2024	15624	15456	28	Marcellus
76	6/27/2024	15428	15260	28	Marcellus
77	6/27/2024	15232	15064	28	Marcellus
78	6/27/2024	15036	14868	28	Marcellus
79	6/27/2024	14840	14672	28	Marcellus
80	6/28/2024	14644	14476	28	Marcellus
81	6/28/2024	14448	14280	28	Marcellus
82	6/28/2024	14252	14084	28	Marcellus
83	6/29/2024	14056	13888	28	Marcellus
84	6/29/2024	13860	13692	28	Marcellus
85	6/29/2024	13664	13496	28	Marcellus
86	6/30/2024	13468	13300	28	Marcellus
87	6/30/2024	13272	13104	28	Marcellus
88A	6/30/2024	13076	12908	28	Marcellus
88B	7/1/2024	13076	12,878	56	Marcellus
89	7/1/2024	12847	12697	28	Marcellus
90	7/1/2024	12666	12516	28	Marcellus
91	7/1/2024	12488	12320	24	Marcellus
92	7/2/2024	12292	12124	28	Marcellus
93	7/2/2024	12096	11928	28	Marcellus
94	7/2/2024	11900	11732	28	Marcellus
95	7/2/2024	11704	11536	28	Marcellus
96	7/3/2024	11508	11340	28	Marcellus
97	7/3/2024	11312	11144	28	Marcellus
98	7/5/2024	11116	10976	24	Marcellus
99	7/6/2024	10920	10752	28	Marcellus
100	7/6/2024	10725	10557	28	Marcellus
101	7/6/2024	10531	10363	28	Marcellus
102	7/6/2024	10337	10169	28	Marcellus
103	7/6/2024	10143	9975	28	Marcellus
104	7/7/2024	9949	9781	28	Marcellus
105	7/7/2024	9755	9587	28	Marcellus
106	7/7/2024	9561	9393	28	Marcellus
107	7/7/2024	9367	9199	28	Marcellus
108	7/8/2024	9173	9005	28	Marcellus
109	7/8/2024	8979	8811	28	Marcellus
110	7/8/2024	8785	8617	28	Marcellus
111	7/8/2024	8591	8423	28	Marcellus
112	7/9/2024	8397	8229	28	Marcellus
113	7/9/2024	8203	8035	28	Marcellus
114	7/9/2024	8008	7840	28	Marcellus

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HG Energy II Appalachia, LLC
Stimulation Record
Schoen 1205 S-7H

Stage #	Date	Average Pump Rate (BPM)	Average Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Proppant (LBS)	Water (BBLs)
1	5/17/2024	63.2	9100	9540	4205	22500	6,889
2	5/17/2024	76.9	9,814	10,514	4,393	186600	8,758
3	5/17/2024	76.7	9,511	9,772	4,841	300000	9,382
4	5/18/2024	80.3	9,641	10,060	5,299	707720	13,143
5	5/19/2024	81.4	9,521	10,088	4,920	704860	13,145
6	5/20/2024	78.6	9,351	9,885	5,032	702700	12,740
7	5/21/2024	83.0	9,669	10,405	5,440	704380	13,155
8A	5/22/2024	74.3	9,890	10,098	4,786	133100	7,425
8B	5/22/2024	76.3	9,353	9,637	5,315	456300	9,896
9	5/23/2024	82.8	9,978	10,439	4,761	311300	9,579
10	5/23/2024	78.6	9,652	10,458	4,676	502210	12,439
11	5/25/2024	82.6	9,781	10,407	4,908	740600	13,629
12	5/25/2024	91.9	9,781	10,210	5,503	740200	12,964
13	5/26/2024	91.1	9,901	10,211	5,772	741040	12,845
14	5/26/2024	84.0	9,875	10,491	4,832	740500	15,010
15	5/27/2024	90.4	9,862	10,177	5,898	740600	12,925
16	5/27/2024	89.0	9,838	10,324	5,688	580900	12,771
17	5/28/2024	93.2	10,232	10,716	5,766	740600	12,253
18	5/29/2024	86.8	10,111	10,643	5,490	740200	13,476
19	5/29/2024	99.0	10,145	10,688	5,811	740160	12,705
20	5/30/2024	87.9	10,134	10,678	5,671	740300	11,883
21	5/30/2024	85.7	10,134	10,684	5,468	741010	13,694
22	5/31/2024	86.4	10,035	10,760	5,378	740500	12,945
23	5/31/2024	86.2	9,990	10,467	5,555	740300	13,592
24	6/1/2024	99.3	10,129	10,642	5,817	740830	11,139
25	6/2/2024	87.2	10,155	10,772	5,805	740600	11,203
26	6/3/2024	83.9	10,080	10,660	5,411	741720	11,936
27	6/4/2024	88.4	10,151	10,812	5,535	739520	10,452
28	6/4/2024	86.7	10,130	10,697	5,538	740300	10,301
29	6/5/2024	80.0	9,724	10,439	5,432	620500	11,255
30	6/5/2024	88.4	9,698	10,769	5,921	643200	12,167
31	6/6/2024	83.6	9,687	10,210	6,016	590900	11,891
32	6/6/2024	87.8	9,705	10,712	5,662	538000	9,314
33A	6/7/2024	73.7	9,828	10,674	5,362	169560	6,806
33B	6/8/2024	83.3	9,649	9,992	5,206	570460	8,866
34	6/9/2024	80.0	9,885	11,102	5,620	557800	10,439
35	6/9/2024	84.0	9,709	10,076	6,080	732480	12,448
36	6/9/2024	82.1	9,702	10,090	6,039	740020	10,750
37	6/10/2024	78.3	9,831	10,457	5,782	741300	10,416
38	6/11/2024	81.3	10,090	10,553	5,604	599540	10,757
39	6/11/2024	89.8	10,122	10,593	5,289	741400	11,002
40	6/12/2024	95.2	10,123	10,356	6,204	697210	9,757
41	6/12/2024	99.2	10,083	10,414	5,823	741800	10,066
42	6/13/2024	84.8	10,058	10,523	5,482	740740	11,392
43	6/13/2024	90.8	9,999	10,613	5,970	706400	9,784
44	6/14/2024	84.0	10,032	10,538	6,018	588980	10,229
45	6/14/2024	93.3	10,092	10,514	5,585	698700	9,968
46	6/15/2024	89.4	9,811	10,159	5,714	740640	11,328
47	6/15/2024	81.8	10,014	10,861	5,503	741900	11,346
48	6/16/2024	82.4	10,057	10,834	5,781	653280	11,246
49	6/16/2024	83.1	9,950	10,827	6,609	740300	13,539
50	6/17/2024	80.5	10,036	10,867	5,549	710790	11,397
51	6/17/2024	82.7	9,636	10,008	5,597	741500	9,161
52	6/18/2024	90.0	9,866	10,117	6,321	740730	10,126
53	6/18/2024	81.1	10,115	10,898	6,132	718400	12,497
54	6/19/2024	81.0	10,021	10,759	5,959	741090	9,815
55	6/19/2024	80.1	9,975	10,801	5,337	741400	11,313
56	6/20/2024	93.0	9,746	9,994	6,340	740980	10,138
57	6/20/2024	83.3	10,141	10,684	5,479	472000	14,693

58	6/21/2024	93.7	9,976	10,733	6,037	740640	11,076
59	6/21/2024	86.5	9,971	11,111	5,675	521000	10,819
60	6/22/2024	90.1	9,848	10,899	6,656	643420	12,440
61	6/22/2024	83.8	10,036	10,681	4,916	723300	12,570
62	6/23/2024	91.5	9,922	10,606	6,191	740700	9,784
63	6/23/2024	86.0	10,028	10,811	4,989	486080	10,483
64	6/23/2024	84.9	10,020	10,987	5,697	592500	10,983
65	6/24/2024	82.3	10,107	10,908	5,534	740790	12,880
66	6/24/2024	87.3	10,042	10,835	6,475	348110	8,937
67	6/24/2024	80.5	9,976	10,629	6,114	586600	10,608
68	6/25/2024	82.7	9,788	10,632	5,337	511100	10,984
69	6/25/2024	92.4	9,927	10,557	5,308	692240	12,098
70	6/25/2024	86.5	9,956	10,727	5,694	740000	12,693
71	6/25/2024	86.4	9,798	10,904	6,844	740600	12,586
72	6/26/2024	86.0	9,935	10,624	5,433	672800	12,645
73	6/26/2024	84.9	9,789	12,385	5,302	647720	11,254
74	6/26/2024	89.9	9,927	10,734	5,500	739600	11,269
75	6/27/2024	85.4	9,783	10,728	6,014	739500	12,574
76	6/27/2024	97.8	9,917	10,651	6,037	739940	10,225
77	6/27/2024	91.9	9,892	10,868	5,211	639960	10,751
78	6/27/2024	97.0	9,817	10,278	5,981	739900	11,502
79	6/27/2024	94.6	9,952	10,810	5,878	706000	10,707
80	6/28/2024	88.9	9,898	10,566	5,540	740020	11,708
81	6/28/2024	92.4	9,832	10,622	6,490	739720	11,149
82	6/28/2024	83.9	9,896	10,681	5,171	674800	10,272
83	6/29/2024	95.9	9,848	10,660	6,311	740400	11,988
84	6/29/2024	90.2	10,031	10,907	5,090	740220	12,541
85	6/29/2024	88.9	9,803	10,761	5,868	740800	12,924
86	6/30/2024	94.7	9,829	10,670	5,814	740100	12,907
87	6/30/2024	96.8	9,723	10,515	5,679	600940	11,625
88A	6/30/2024	94.3	10,040	10,824	5,388	307900	7,357
88B	7/1/2024	88.9	9,373	9,856	5,233	432100	6,496
89	7/1/2024	92.8	9,742	10,091	5,258	742740	12,327
90	7/1/2024	95.2	9,567	9,991	5,532	702520	9,667
91	7/1/2024	98	9,920	10,757	5,876	740900	10,042
92	7/2/2024	95	9,804	10,859	6,088	740900	12,065
93	7/2/2024	92.9	9,949	10,998	6,399	695400	11,461
94	7/2/2024	96.9	9,326	10,112	6,398	740400	10,404
95	7/2/2024	98.8	10,004	10,506	5,775	650320	11,221
96	7/3/2024	93.6	9,992	10,920	11,636	894800	11,441
97	7/3/2024	95.6	10,039	10,764	5,022	741100	10,577
98	7/5/2024	87.6	9,752	10,785	5,775	740680	10,313
99	7/6/2024	104.4	9,498	10,257	6,780	727330	10,558
100	7/6/2024	106.3	9,791	10,328	5,317	741000	9,840
101	7/6/2024	103.5	9,439	10,416	5,248	711200	9,376
102	7/6/2024	99.3	9,758	10,439	5,038	741210	10,727
103	7/6/2024	103.5	9,588	10,931	5,954	740610	10,046
104	7/7/2024	102.9	9,729	10,442	4,845	538880	8,752
105	7/7/2024	93.7	9,524	10,419	5,593	652100	11,099
106	7/7/2024	91.7	9,570	10,239	5,181	709900	11,586
107	7/7/2024	101	9,639	10,234	5,427	710570	9,514
108	7/8/2024	101.9	9,621	10,443	5,524	710590	9,598
109	7/8/2024	96.8	9,777	10,552	5,280	714000	10,330
110	7/8/2024	103.3	9,354	10,191	5,837	710000	9,644
111	7/8/2024	95.5	9,439	10,370	4,728	710730	11,154
112	7/9/2024	104.8	9,178	10,568	5,494	710640	9,732
113	7/9/2024	104	9,557	10,233	5,173	712800	9,656
114	7/9/2024	102.6	9,135	10,234	5,357	711200	9,867

RECEIVED
Office of Oil and Gas
JUN 02 2025
WV Department of
Environmental Protection

Well number Schoen 1205 S7H

DEPTHS

OIL TEST ☐ Flow ☐ Pump

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
 20808 mcfpd _____ bpd _____ bpd 1560 bpd ☐ Estimated ☒ Orifice ☐ Pilot

DESCRIBE ROCK TYPE AND RECORD QUANTITY AND
TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)

	NAME TVD	TVD	MD	MD	TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	0		0		
		See Attached			

RECEIVED
Office of Oil and Gas
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Office of Oil and Gas
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Environmental Protection

Submittal of Hydraulic Fracturing Chemical Disclosure Information { Attach copy of FRACFOCUS Registry

RECEIVED
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WV Department of
Environmental Protection

closure Information

09/19/2025

HG Energy II Appalachia, LLC
Lithology Record
Schoen 1205 S-7H

Formation	Top MD	Top TVD	Base MD	Base TVD
Coal	416	416	420	420
Coal	818	818	824	824
1st salt sand	894	894	1021	1021
Deepest Coal	1058	1058	1061	1061
2nd salt sand	1062	1062	1126	1126
3rd salt sand	1217	1217	1264	1264
Surface casing depth		1214		1264
Maxton	1280	1280	1399	1399
Little Lime	1498	1498	1513	1513
Big Lime	1550	1550	1605	1604
Big Injun	1609	1609	1737	1737
Gantz	1938	1938	2008	2008
50 foot sand	2028	2028	2134	2134
Casing depth	set	2106	drill	2136
30 foot sand	2149	2149	2191	2191
Gordon Stray	2234	2234	2282	2282
Gordon Sand	2288	2288	2352	2352
4th sand	2358	2358	2381	2381
4th A sand	2407	2407	2421	2421
Fifth sand	2478	2478	2504	2503
Warren	2872	2867	2902	2897
Upper Speechley	3073	3063	3107	3097
Lower Speechley	3184	3170	3230	3214
Balltown	3405	3380	3426	3400
Bradford	3848	3792	3906	3844
Benson	4800	4582	4824	4602
Alexander	5055	4783	5253	4941
Elk	5579	5244	5698	5353
Casing depth	set	6344	drill	6384
Rhinstreet	6596	6335	6837	6562
Cashaqua	6837	6562	7098	6802
Middlesex	7098	6802	7228	6910
West River	7228	6910	7409	7044
Burket	7409	7044	7450	7072
Tully	7450	7072	7593	7161
Hamilton	7593	7161	7739	7234
Marcellus	7739	7234	30069	7476

RECEIVED
Office of Oil and Gas
JUN 02 2025
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Environmental Protection

09/19/2025



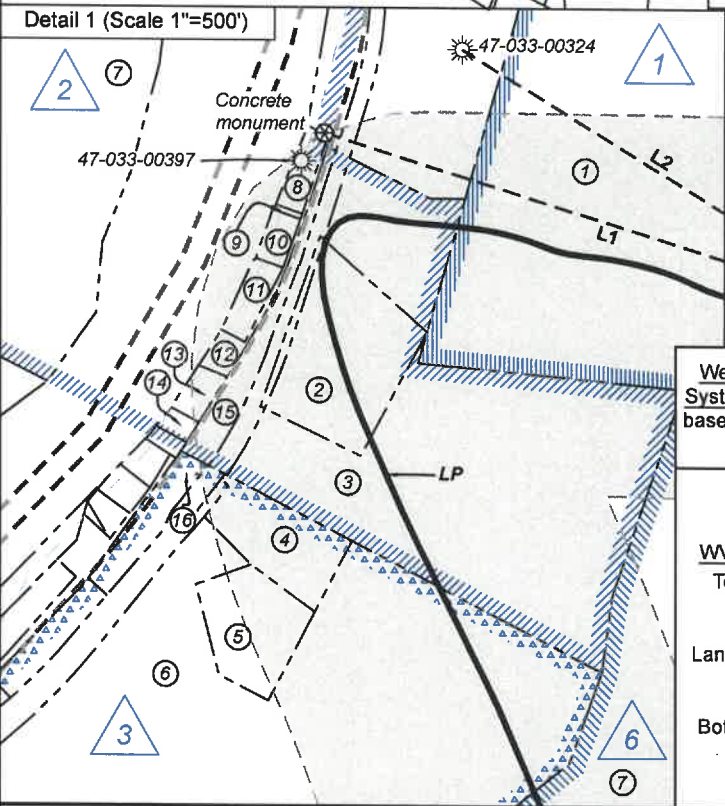
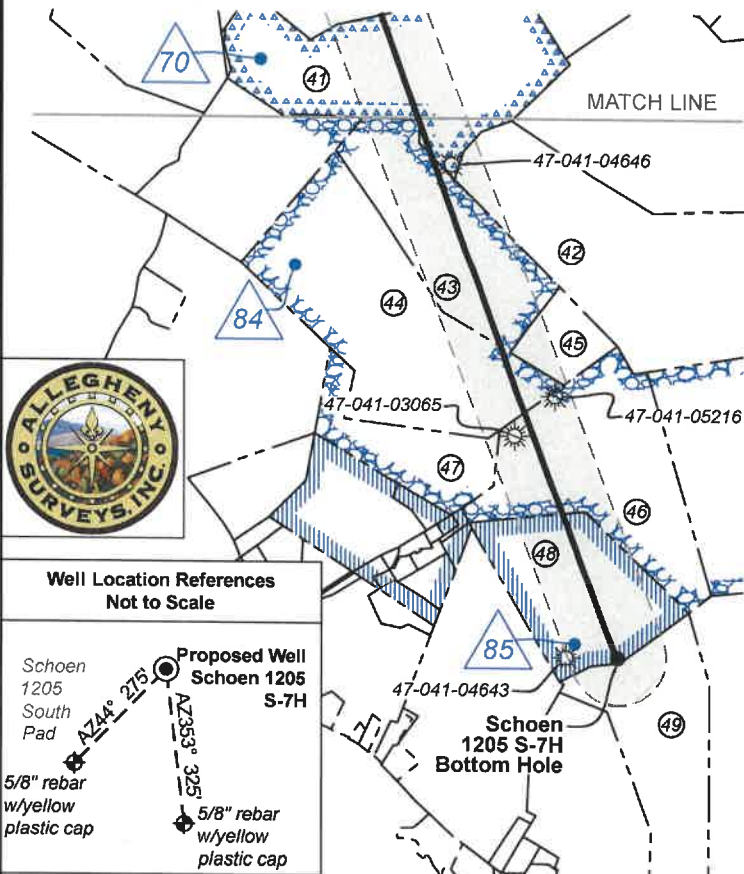
2017

<= less than or equal to
>= greater than or equal to

Ingredients Section:

[illegible]

09/19/2025



Harrison County			
No.	TM / Par	Owner	Bk / Pg Ac.
1	447 / 2	George & Rosanne Schoen	1148 / 1059 65.00
2	446 / 12	Marilyn Gaines	1192 / 300 2.93
3	446 / 15	Vera E. Oral K. Haught	1582 / 896 14.40
4	446 / 28.5	Robert L. Vanhorn	1352 / 91 1.52
5	446 / 28.4	Bradford Vanhorn	1381 / 1181 1.52
6	446 / 28.2	David D. Vanhorn, et al	W177 / 92 42.66
7	446 / 7	James R. & Sharon L. Allman	1437 / 165 91.97
8	446 / 9	Karen A. Hayes	1397 / 1136 0.33
9	446 / 7.1	Karen A. Hayes	1397 / 1136 0.03
10	446 / 10	Karen A. Hayes	1397 / 1136 0.25
11	446 / 11	Mildred Dean	1060 / 270 0.41
12	446 / 13.1	Mack & Thelma Samples	1578 / 761 0.21
13	446 / 13	Kimberly Vanscoy	1306 / 5 0.27
14	446 / 14	Lisa D. Grogg	1583 / 301 0.14
15	446 / 15.1	David & Grace Hughes	1257 / 694 0.31
16	446 / 28	Larry E. Wilson, II	1344 / 1211 0.57
17	446 / 29	John F. McCuskey II, et al	1121 / 25 75.00
18	446 / 38	Sandra J. Hogsed	1257 / 137 70.16
19	447 / 32	Joseph C. Queen	1349 / 508 36.00
20	447 / 33	Joseph Queen	1349 / 508 20.00
21	447 / 43.1	Joseph C. Queen	1349 / 508 17.16
22	447 / 43	Betty J. & Isaac H. Maxwell III	1543 / 141 123.95
23	467 / 29.1	Charles R. & Franklin L. Sutton	--- / --- 129.61
24	467 / 1	Margaret L. Gyimesi	1306 / 775 78.79
25	467 / 29	Gretna J. Adkins	1207 / 424 8.39
26	467 / 30	William L. Randolph, et ux	1518 / 19 73.73
27	467 / 30.1	Charles R. & Franklin L. Sutton	--- / --- 11.05
28	467 / 33	Charles R. & Franklin L. Sutton	1472 / 181 39.20
29	466 / 49	Charles R. & Franklin L. Sutton	--- / --- 105.17
30	467 / 49.1	Jane E. & Cody R. Ball	1570 / 114 2.08
31	467 / 51	Gary Jedrosko	1561 / 1064 5.76
32	467 / 50	David L. & Celia K. Radcliff	1314 / 1289 6.00
33	467 / 51.2	Gary Jedrosko	1561 / 1064 8.38
34	467 / 51.1	Gary Jedrosko	1561 / 1064 8.87
35	467 / 52	David L. & Lisle C. Hinkle	1282 / 389 175.50
36	487 / 4.2	Catherine A. Mauro	1244 / 135 5.00
37	487 / 3	Myrtle B. Arbogast	W148 / 426 29.17
38	487 / 4.1	Catherine A. Mauro	1244 / 135 95.45
39	487 / 4	Catherine A. Mauro	1244 / 135 4.36
40	447 / 20	Richard & Janet Stout	1175 / 320 51.00
Lewis County			
No.	TM / Par	Owner	Bk / Pg Ac.
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42	10C / 15	Thomas C. Kennedy Testamentary Trust	W34 / 428 107.00
43	10C / 13	George W. & Amy J. Dawson	505 / 549 50.00
44	10C / 12	George W. & Amy J. Dawson	505 / 549 124.00
45	10D / 38	George W. Dawson	542 / 376 9.00
46	10D / 10	George W. & Amy J. Dawson	505 / 549 80.00
47	10D / 9	George W. & Amy J. Dawson	505 / 549 29.00
48	10D / 11	Gordon W. & Judy R. Moore	597 / 485 49.00
49	10D / 19	Gary Taylor	369 / 453 60.20

West Virginia Coordinate
System of 1927, North Zone
based upon Differential GPS
Measurements.

Notes: Well No.
Schoen 1205 S-7H
WVCS 1927, North Zone
Top Hole Coordinates
Lat: 39°09'05.44"
Lon: 80°21'08.08"
Landing Point Coordinates
Lat: 39°09'01.20"
Lon: 80°21'24.46"
Bottom Hole Coordinates
Lat: 39°05'35.25"
Lon: 80°19'46.67"

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Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

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Schoen 1205 S-7H
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N: 14,218,476.58'
E: 1,824,100.60'
Landing Point Coordinates
N: 14,218,038.86'
E: 1,822,813.31'
Bottom Hole Coordinates
N: 14,197,265.72'
E: 1,830,668.81'

Notes: Well No.
Schoen 1205 S-7H
UTM NAD 1983 (Meters)
Top Hole Coordinates
N: 4,333,800.329m
E: 555,986.975m
Landing Point Coordinates
N: 4,333,666.912m
E: 555,594.608m
Bottom Hole Coordinates
N: 4,327,335.246m
E: 557,988.969m

FILE NO: 32-36-G-19

DRAWING NO: Schoen 1205 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: May 2 20 25

OPERATOR'S WELL NO. Schoen 1205 S-7H

API WELL NO

47 — 033 — 05995
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek

DISTRICT: Grant / Hackers Creek

SURFACE OWNER: George & Rosanne Schoen

ROYALTY OWNER: Willa Post Robey, et al

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION

☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,467' TVD 30,069' 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

5,361' to Top Hole

TOP LATITUDE 39 - 10 - 00
BTM LATITUDE 39 - 07 - 30

BTM LONGITUDE 80 - 17 - 30
TOP LONGITUDE 80 - 20 - 00

5,519' to Top Hole-

11,604' to Bottom Hole



Legend

- | | |
|--|---------------------------------|
| | Proposed gas well |
| | Well Reference, as noted |
| | Monument, as noted |
| | Existing Well, as noted |
| | Existing Plugged Well, as noted |
| | Digitized Well, as noted |
| | Creek or Drain |
| | Existing Road |
| | Surface boundary (approx.) |

Wellhead Layout (NTS)

Schoen 1205 S-6H
(API# 47-033-06003)

Schoen 1205 S-7H
(API# 47-033-05995)

Schoen 1205 S-10H
(API# 47-033-06010) ©

Schoen 1205 S-9H
(API# 47-033-06006) ©

Schoen 1205 S-8H
(API# 47-033-06002) 

GRID NORTH

ID	Lease
1	A.B. Post, et al
2	H.D. & Marcella R. Bond, et al
3	Emma A. Waggoner, et al
6	Susan V. Curry, et al
9	L.D. & Addie Swisher
11	P.T. Allman
14	M.M.F. & S.F. Randolph
18	Sidney Cookman, et al
20	Alcinda B. & M.E. Jackson
70	Mary Alkire
84	George & Ella Cummings
85	HG Energy II Appalachia, LLC

A circular professional seal for a surveyor. The outer ring contains the text "DWAYNE D. MATHENY" at the top and "PROFESSIONAL SURVEYOR" at the bottom, separated by two stars. Inside this ring, the word "LICENSED" is at the top and "STATE OF WEST VIRGINIA" is at the bottom. In the center of the seal, the number "No. 2070" is printed above the words "STATE OF WEST VIRGINIA". The seal has a rope-like border.

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.


Dwayne D. Matheny, P.S. 2070

47-033-04812
4"x6" Stone

MATCH LINE

Tag	Bearing	Dist.
L1	S 72°38' E	1,517.6'
L2	S 58°19' E	1,280.9'
L3	N 85°48' W	1,221.8'
L4	N 69°22' W	1,002.5'

Note: 1 water well was found within 2000' 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: 32-36-G-19

DRAWING NO: Schoen 1205 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: May 2 20 25

OPERATOR'S WELL NO. Schoen 1205 S-7H

API WELL NO

47 — 033 — 05995
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek

DISTRICT: Grant / Hackers Creek

SURFACE OWNER: George & Rosanne Schoen

ROYALTY OWNER: Willa Post Robey, et al

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,467' TVD
30,069' 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

—5,361' to Top Hole

TOP LATITUDE 39 - 10 - 00
BTM LATITUDE 39 - 07 - 30

BTM LONGITUDE 80 - 17 - 30 -
TOP LONGITUDE 80 - 20 - 00 -

5,519' to Top Hole-

11,604' to Bottom Hole



Legend

- | | |
|--|---------------------------------|
| | Proposed gas well |
| | Well Reference, as noted |
| | Monument, as noted |
| | Existing Well, as noted |
| | Existing Plugged Well, as noted |
| | Digitized Well, as noted |
| | Creek or Drain |
| | Existing Road |
| | Surface boundary (approx.) |

Wellhead Layout (NTS)

Schoen 1205 S-6H
(API# 47-033-06003)

Schoen 1205 S-7H
(API# 47-033-05995)

Schoen 1205 S-10H
(API# 47-033-06010)

Schoen 1205 S-9H
(API# 47-033-06006)

Schoen 1205 S-8H
(API# 47-033-06002)

GRID NORTH

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9	L.D. & Addie Swisher
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18	Sidney Cookman, et al
20	Alicinda B. & M.E. Jackson
70	Mary Alkire
84	George & Ella Cummings
85	HG Energy II Appalachia, LLC

A circular professional seal for Dwayne D. Matheny, a Licensed Professional Surveyor in the State of West Virginia. The seal features a rope-like outer border. Inside, the text "DWAYNE D. MATHENY" is at the top, "LICENSED" is below it, "No. 2070" is in the center, "STATE OF" is below the number, and "WEST VIRGINIA" is at the bottom. The words "PROFESSIONAL SURVEYOR" are written along the right side of the inner circle. Two stars are positioned on the left and right sides of the inner circle.

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.

Dwayne D. Matheny, P.S. 2070

FILE NO: 32-36-G-19

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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: May 2 20 25

OPERATOR'S WELL NO. Schoen 1205 S-7H

API WELL NO

47 — 033 — 05995
STATE COUNTY PERMIT

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DISTRICT: Grant / Hackers Creek

SURFACE OWNER: George & Rosanne Schoen

ROYALTY OWNER: Willa Post Robey, et al

LEASE NO: ACREAGE: 78.20

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
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WEI | OPERATOR: HG Energy II Appalachia, LLC

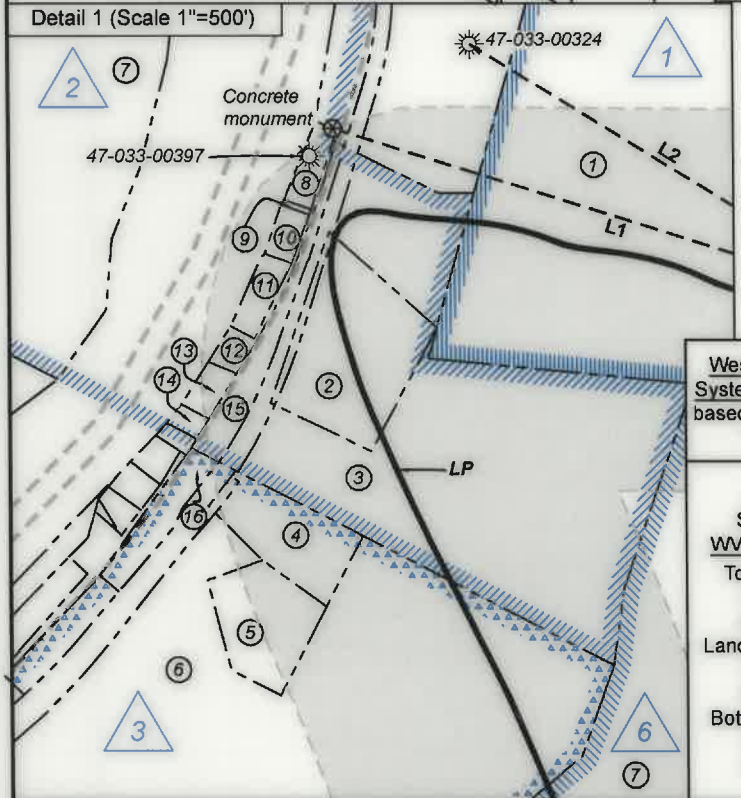
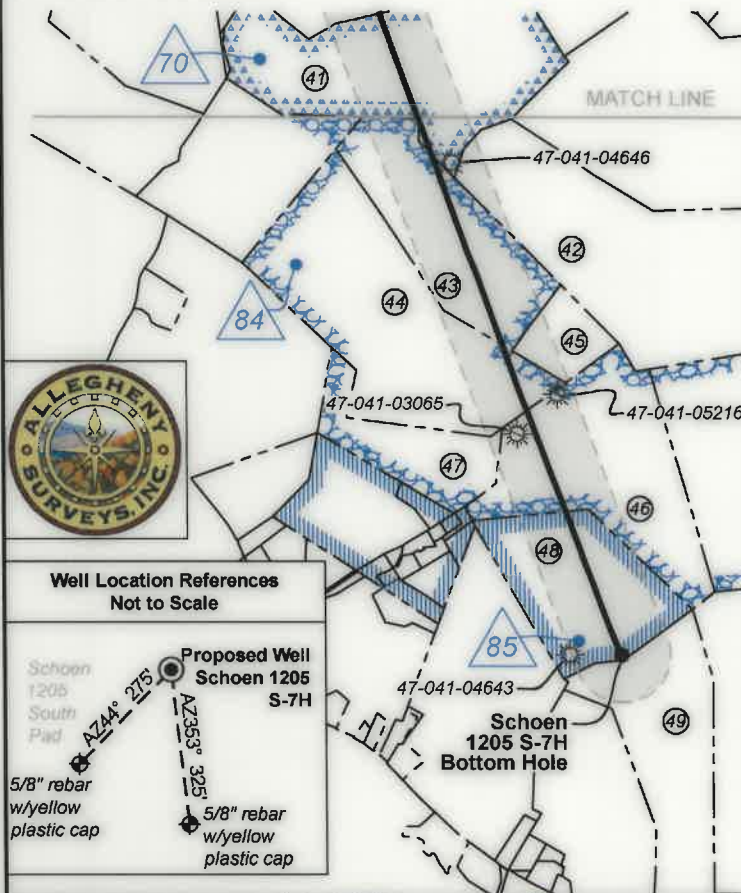
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Parkersburg, WV 26101

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6	446 / 28.2	David D. Vanhorn, et al	W177 / 92 42.66
7	446 / 7	James R. & Sharon L. Allman	1437 / 165 91.97
8	446 / 9	Karen A. Hayes	1397 / 1136 0.33
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12	446 / 13.1	Mack & Thelma Samples	1578 / 761 0.21
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14	446 / 14	Lisa D. Grogg	1583 / 301 0.14
15	446 / 15.1	David & Grace Hughes	1257 / 694 0.31
16	446 / 28	Larry E. Wilson, II	1344 / 1211 0.57
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24	467 / 1	Margaret L. Gyimesi	1306 / 775 78.79
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44	10C / 12	George W. & Amy J. Dawson	505 / 549 124.00
45	10D / 38	George W. Dawson	542 / 376 9.00
46	10D / 10	George W. & Amy J. Dawson	505 / 549 80.00
47	10D / 9	George W. & Amy J. Dawson	505 / 549 29.00
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PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

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

DATE: May 2 20 25
OPERATOR'S WELL NO. Schoen 1205 S-7H

API WELL NO

47 - 033 - 05995
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek

DISTRICT: Grant / Hackers Creek

SURFACE OWNER: George & Rosanne Schoen

ROYALTY OWNER: Willa Post Robey, et al

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,467' TVD 30,089' 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

Top: Mount Clare
Btm: Berlin

COUNTY: Harrison / Lewis

ACREAGE: 65.00

ACREAGE: 78.20