WR-35
Rev. 8/23/13

Page ___ of ___

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

RECEIVED
Office Of Oil and Gas
JUN 27 2023
WV Department of
Environmental Protection

API 47 - 033 - 05987 County Harrison District Grant

Quad West Milford Pad Name Antonio 1206 Field/Pool Name Lost Creek

Farm name Antonio Well Number 1206 S10H

Operator (as registered with the OOG) HG Energy 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	14220504.10	Easting	1815573.55
Landing Point of Curve	Northing	14221342.13	Easting	1818973.33
Bottom Hole	Northing	14203753.93	Easting	1825545.91

Elevation (ft) 1350 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 03/06/2020 Date drilling commenced 10/11/2020 Date drilling ceased 7/3/2021

Date completion activities began ___ Date completion activities ceased ___

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 838, 851,1102

Salt water depth(s) ft N/A

Coal depth(s) ft 60, 544, 850, 1102, 1106

Is coal being mined in area (Y/N) N

Open mine(s) (Y/N) depths N

Void(s) encountered (Y/N) depths N

Cavern(s) encountered (Y/N) depths N

Reviewed
approved

Reviewed by:

08/21/2026

WR-35
Rev. 8/23/13

API 47- 033 - 05987 Farm name Antonio Well number 1206 S10H

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"	125	New	154.5 lbs/ft		N
Surface	26"	20"	1143	New	94 lbs/ft J-55		Yes
Coal							
Intermediate 1	17.5"	13.375"	2168	New	68 lbs/ft		Yes
Intermediate 2	12.25"	9.625"	3020	New	40 lbs/ft J-55		Yes
Intermediate 3							
Production	8.5	5.5	27462	New	23 lbs/ft P-11		Yes
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	Not Cemented						
Surface	Class A	2886	15.6	1.18	3405	Surface	8
Coal							
Intermediate 1	Class A	1709/587	16.0/16.4	1.16/1.12	1982/657	Surface	24
Intermediate 2	Class A	1064	15.6	1.19	1266	Surface	8
Intermediate 3							
Production	Class A	973/742/392/3920	13.5/13.5/13.5/14.8	1.83/1.67/1.48/1.35	1781/1239/580/5292	Surface	8
Tubing							

Drillers TD (ft) 27494 Loggers TD (ft) ___

Deepest formation penetrated Marcellus Plug back to (ft) ___

Plug back procedure ___

Kick off depth (ft) 6455

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 ___

08/21/2026

WR-35
Rev. 8/23/13

Page ___ of ___

API 47- 033 - 05987 Farm name Antonio Well number 1206 S10H

PRODUCING FORMATION(S)	DEPTHS		
Marcellus	7207-7245	TVD	8687-27494 MD

Please insert additional pages as applicable.

GAS TEST □ Build up □ Drawdown ■ Open Flow OIL TEST □ Flow □ Pump

SHUT-IN PRESSURE Surface 1890 psi Bottom Hole ____ psi DURATION OF TEST 1079 hrs

OPEN FLOW Gas 24936 mcfpd Oil ____ bpd NGL ____ bpd Water 504 bpd GAS MEASURED BY □ Estimated ■ Orifice □ Pilot

LITHOLOGY/ FORMATION NAME	TOP DEPTH IN FT TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H_2S, ETC)
	0		0		
			See Attached		

Please insert additional pages as applicable.

Drilling Contractor Precision Drilling
Address 2640 Reach road City Williamsport State PA Zip 17701

Logging Company Renegade Wireline Services
Address 191 Earnhardt Rd. City Hunker State PA Zip 15639

Cementing Company Schlumberger
Address 300 Schlumberger Dr. City Sugar Land State TX Zip 77478

Stimulating Company NexTier
Address 8300 Route 19 North City Black Lick State PA Zip 15716

Please insert additional pages as applicable.

Completed by Diane White Telephone 304-420-1119
Signature Diane White Title ____ Date 06/23/2023

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

08/21/2026

HG Energy II Appalachia, LLC
Antonio 1206 S-10H
Lithology Report

Formation	Top Depth TMD	**Top Depth TVD**	Bottom Depth TMD	Bottom Depth TVD
Coal	70	70	72	72
Coal	554	554	556	556
Big Dunkard	610	610	700	700
Coal	838	838	851	851
1st Salt Sand	904	904	1004	1004
2nd Salt Sand	1119	1119	1179	1179
Deepest coal	1102	1102	1108	1108
3rd Salt Sand	1212	1212	1262	1262
Upper Maxton	1352	1352	1367	1367
Little Lime	1580	1580	1600	1600
Big Lime	1622	1622	1684	1684
Big Injun	1683	1683	1795	1795
Gantz	2010	2010	2088	2088
50' Sand	2120	2120	2114	2182
30 foot Sand	2208	2207	2224	2223
Gordon Stray	2257	2256	2303	2301
Gordon	2303	2301	2413	2411
4th Sand	2413	2411	2456	2453
4th sand "A"	2472	2470	2498	2495
5th Sand	2544	2541	2561	2558
Upper Speechley	3129	3122	3258	3250
Lower Speechley	3258	3250	3280	3270
Benson	4820	4539	4876	4559
Rhinestreet	6510	5761	7638	6578
Cashaqua	7638	6578	7971	6811
Middlesex	7971	6811	8112	6906
West River	8112	6906	8290	7017
Burket	8290	7017	8350	7052
Tully	8350	7052	8522	7141
Hamilton	8522	7141	8687	7207
Marcellus	8687	7207	27494	7245

08/21/2026

WR-35
Rev. 8/23/13

API 47- 033 - 05987 Farm name Antonio Well number 1206 S10H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
			See Attached		

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
			See Attached					

Please insert additional pages as applicable.

08/21/2026

HG Energy II Appalachia, LLC
Antonio 1206 S-10H
Perforation Record

Stage #	Perforation Date	Perforations from Depth	Perforations to Depth	Number of Perforaions	Formation
Sleeve/1	11/20/2021	27409	27383	2	Marcellus
2	11/20/2021	27349	27181	28	Marcellus
3	11/21/2021	27153	26985	28	Marcellus
4	11/21/2021	26957	26789	28	Marcellus
5	11/22/2021	26761	26593	28	Marcellus
6	11/22/2021	26565	26397	28	Marcellus
7	11/23/2021	26369	26201	28	Marcellus
8	11/23/2021	26173	26005	28	Marcellus
9	11/24/2021	25977	25809	28	Marcellus
10	11/25/2021	25781	25613	28	Marcellus
11	11/25/2021	25585	25417	28	Marcellus
12	11/26/2021	25389	25221	28	Marcellus
13	11/27/2021	25193	25025	28	Marcellus
14	11/27/2021	24997	24829	28	Marcellus
15	11/28/2021	24801	24633	28	Marcellus
16	11/28/2021	24605	24437	28	Marcellus
17	11/29/2021	24409	24241	28	Marcellus
18	11/29/2021	24213	24045	28	Marcellus
19	11/30/2021	24017	23849	28	Marcellus
20	11/30/2021	23821	23653	28	Marcellus
21	12/1/2021	23625	23457	28	Marcellus
22	12/2/2021	23429	23261	28	Marcellus
23	12/2/2021	23233	23065	28	Marcellus
24	12/3/2021	23037	22869	28	Marcellus
25	12/3/2021	22841	22673	28	Marcellus
26	12/3/2021	22645	22477	28	Marcellus
27	12/4/2021	22449	22281	28	Marcellus
28	12/4/2021	22253	22085	28	Marcellus
29	12/4/2021	22057	21889	28	Marcellus
30	12/5/2021	21861	21693	28	Marcellus
31	12/5/2021	21665	21497	28	Marcellus
32	12/5/2021	21469	21301	28	Marcellus
33	12/5/2021	21273	21105	28	Marcellus
34	12/6/2021	21077	20909	28	Marcellus
35	12/6/2021	20881	20713	28	Marcellus
36	12/7/2021	20685	20517	28	Marcellus
37	12/7/2021	20489	20321	28	Marcellus
38	12/7/2021	20293	20125	28	Marcellus
39	12/7/2021	20097	19929	28	Marcellus
40	12/8/2021	19901	19733	28	Marcellus
41	12/8/2021	19705	19537	28	Marcellus
42	12/8/2021	19509	19341	28	Marcellus
43	12/9/2021	19313	19145	28	Marcellus
44	12/9/2021	19117	18949	28	Marcellus
45	12/9/2021	18921	18753	28	Marcellus
46	12/10/2021	18725	18557	28	Marcellus
47	12/10/2021	18529	18361	28	Marcellus
48	12/10/2021	18333	18165	28	Marcellus
49	12/10/2021	18137	17969	28	Marcellus
50	12/11/2021	17941	17773	28	Marcellus
51	12/11/2021	17745	17577	28	Marcellus
52	12/11/2021	17549	17381	28	Marcellus
53	12/12/2021	17353	17185	28	Marcellus
54	12/12/2021	17157	16989	28	Marcellus

08/21/2026

55	12/12/2021	16961	16793	28	Marcellus
56	12/13/2021	16765	16597	28	Marcellus
57	12/13/2021	16569	16401	28	Marcellus
58	12/13/2021	16373	16205	28	Marcellus
59	12/13/2021	16177	16009	28	Marcellus
60	12/14/2021	15981	15813	28	Marcellus
61	12/14/2021	15785	15617	28	Marcellus
62	12/14/2021	15589	15421	28	Marcellus
63	12/14/2021	15393	15225	28	Marcellus
64	12/15/2021	15197	15029	28	Marcellus
65	12/15/2021	15001	14833	28	Marcellus
66	12/15/2021	14805	14637	28	Marcellus
67	12/16/2021	14609	14441	28	Marcellus
68	12/16/2021	14413	14245	28	Marcellus
69	12/16/2021	14217	14049	28	Marcellus
70	12/16/2021	14021	13853	28	Marcellus
71	12/17/2021	13825	13657	28	Marcellus
72	12/17/2021	13629	13461	28	Marcellus
73	12/17/2021	13433	13265	28	Marcellus
74	12/17/2021	13237	13069	28	Marcellus
75	12/18/2021	13041	12873	28	Marcellus
76	12/18/2021	12845	12677	28	Marcellus
77	12/19/2021	12649	12481	28	Marcellus
78	12/19/2021	12453	12285	28	Marcellus
79	12/20/2021	12257	12089	28	Marcellus
80	12/20/2021	12061	11893	28	Marcellus
81	12/21/2021	11865	11697	28	Marcellus
82	12/21/2021	11669	11501	28	Marcellus
83	12/21/2021	11473	11305	28	Marcellus
84	12/21/2021	11277	11109	28	Marcellus
85	12/22/2021	11081	10913	28	Marcellus
86	12/22/2021	10885	10717	28	Marcellus
87	12/22/2021	10689	10521	28	Marcellus
88	12/23/2021	10493	10325	28	Marcellus
89	12/23/2021	10297	10129	28	Marcellus
90	12/23/2021	10101	9933	28	Marcellus
91	12/23/2021	9905	9737	28	Marcellus
92	12/24/2021	9709	9541	28	Marcellus
93	12/24/2021	9513	9345	28	Marcellus
94	12/24/2021	9318	9150	28	Marcellus
95	12/25/2021	9124	8956	28	Marcellus
96	12/25/2021	8930	8762	28	Marcellus

08/21/2026

HG Energy II Appalachia, LLC
Antonio 1206 S-10H
Stimulation Record

Stage #	Date	Ave pump rate (BPM)	Ave Treament Press (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Proppant (LBS)	Water (BBLs)
Sleeve/1	11/20/2021	76.0	9908	N/A	4230	250000	7,940
2	11/20/2021	81.5	10,113	8,785	5,359	700620	15,246
3	11/21/2021	85.0	10,453	8,333	4,932	700793	14,855
4	11/21/2021	84.0	10,295	8,110	5,654	702300	13,405
5	11/22/2021	82.5	10,352	7,128	4,992	703060	12,744
6	11/22/2021	74.0	10,858	5,980	5,450	465720	10,575
7	11/23/2021	81.8	10,341	7,701	5,733	705600	13,236
8	11/23/2021	84.4	10,497	6,104	5,776	705600	11,685
9	11/24/2021	83.0	10,383	6,921	6,216	705400	11,561
10	11/25/2021	82.3	10,414	7,156	6,035	651040	9,470
11	11/25/2021	77.0	10,406	8,180	5,672	620600	12,665
12	11/26/2021	79.0	10,330	8,170	5,948	526900	10,538
13	11/27/2021	80.2	10,516	7,357	6,325	705480	11,934
14	11/27/2021	76.0	10,371	8,728	6,130	704900	11,536
15	11/28/2021	83.0	10,543	7,309	6,384	705900	11,800
16	11/28/2021	77.0	10,450	8,070	6,399	705400	11,306
17	11/29/2021	83.9	10,483	6,890	6,404	705800	12,023
18	11/29/2021	82.0	10,502	6,668	5,609	703300	10,841
19	11/30/2021	84.7	10,637	7,136	6,072	705720	11,211
20	11/30/2021	79.0	10,503	8,212	5,730	704600	12,484
21	12/1/2021	82.0	10,617	5,780	5,972	657300	10,907
22	12/2/2021	84.8	10,477	6,680	5,384	702500	11,246
23	12/2/2021	84.0	10,392	7,270	5,546	703200	11,024
24	12/3/2021	83.0	10,353	7,390	5,020	704900	11,324
25	12/3/2021	90.5	10,433	N/A	6,313	637640	9,741
26	12/3/2021	77.0	10,022	7,985	5,670	705700	10,907
27	12/4/2021	84.0	10,477	6,630	5,734	704900	11,245
28	12/4/2021	80.2	10,427	7,403	5,410	705350	9,797
29	12/4/2021	81.0	9,988	5,875	6,041	704900	9,951
30	12/5/2021	79.0	10,268	7,927	N/A	705700	10,268
31	12/5/2021	83.7	10,236	6,648	5,705	704850	10,018
32	12/5/2021	85.4	10,286	6,888	6,066	686320	9,892
33	12/5/2021	81.0	10,366	7,160	6,487	626200	9,157
34	12/6/2021	78.1	10,194	7,330	5,367	704900	11,358
35	12/6/2021	83.4	10,315	6,604	6,016	704700	11,419
36	12/7/2021	79.0	10,359	7,584	5,474	704300	12,281
37	12/7/2021	84.9	10,337	6,515	6,050	578000	10,469
38	12/7/2021	85.0	10,242	6,648	4,811	704600	11,106
39	12/7/2021	87.0	10,363	6,300	6,000	705200	10,508
40	12/8/2021	85.5	10,145	6,882	5,379	705580	10,922
41	12/8/2021	84.7	10,350	6,804	5,274	640000	12,215
42	12/8/2021	86.5	10,247	6,788	5,537	705200	9,857
43	12/9/2021	61.0	8,394	6,738	4,971	666560	12,796
44	12/9/2021	90.0	10,361	5,833	5,495	673490	11,329
45	12/9/2021	86.0	10,102	6,430	6,135	411100	8,307
46	12/10/2021	87.0	9,996	6,891	5,391	700400	11,090
47	12/10/2021	90.0	10,112	6,573	5,546	700400	12,604
48	12/10/2021	89.0	10,096	5,997	5,454	700400	11,986
49	12/10/2021	87.0	10,194	6,601	6,611	700600	13,004
50	12/11/2021	88.0	10,442	7,902	5,644	701080	11,961
51	12/11/2021	91.0	10,311	6,844	5,893	675000	10,891
52	12/11/2021	77.0	10,085	6,787	6,376	672000	12,627
53	12/12/2021	76.0	9,881	7,316	5,741	672800	10,804
54	12/12/2021	93.0	10,283	6,956	5,475	627000	11,781
55	12/12/2021	94.0	10,318	6,942	5,003	700400	13,058
56	12/13/2021	90.0	10,048	7,080	4,805	705860	11,214
57	12/13/2021	93.0	10,039	6,577	6,005	700400	10,758

09/21/2026

58	12/13/2021	94.0	10,259	6,388	5,239	700400	10,931
59	12/13/2021	94.0	10,321	6,790	4,532	700900	12,352
60	12/14/2021	91.0	9,650	6,740	4,422	700300	11,098
61	12/14/2021	96.0	10,114	6,420	5,299	700400	11,072
62	12/14/2021	93.0	9,993	6,472	4,827	693160	10,973
63	12/14/2021	94.0	9,657	6,763	5,797	705260	9,992
64	12/15/2021	92.0	10,068	6,680	4,943	706190	10,035
65	12/15/2021	96.0	9,708	6,775	5,281	705100	11,706
66	12/15/2021	94.0	10,294	7,049	5,225	354500	7,912
67	12/16/2021	94.0	10,026	7,240	4,782	596320	11,225
68	12/16/2021	95.0	9,436	6,826	4,733	705880	10,983
69	12/16/2021	94.0	9,916	5,857	6,214	663729	10,453
70	12/16/2021	96.0	10,027	6,491	4,933	705580	11,893
71	12/17/2021	93.0	10,017	6,532	4,966	564260	11,289
72	12/17/2021	98.0	9,413	6,747	5,472	700400	11,515
73	12/17/2021	101.0	9,605	5,080	5,770	705000	11,144
74	12/17/2021	92.0	10,022	6,756	5,136	363520	10,734
75	12/18/2021	88.0	9,696	6,956	4,980	705080	12,628
76	12/18/2021	75.0	9,855	7,252	5,436	471450	11,318
77	12/19/2021	96.0	9,548	6,846	5,116	740000	12,704
78	12/19/2021	91.0	9,677	7,323	5,135	740100	12,534
79	12/20/2021	92.0	9,242	7,323	5,758	718620	10,150
80	12/20/2021	97.0	9,291	7,334	5,495	740080	11,216
81	12/21/2021	94.0	8,652	5,309	5,105	740160	10,961
82	12/21/2021	97.0	9,025	6,916	4,865	740326	11,284
83	12/21/2021	97.0	8,994	6,922	4,653	740400	11,300
84	12/21/2021	87.0	9,324	6,333	5,304	593220	13,473
85	12/22/2021	99.0	9,288	6,632	5,494	739980	11,458
86	12/22/2021	96.0	8,312	6,573	4,651	740125	12,245
87	12/22/2021	91.1	8,064	6,516	6,272	740130	11,348
88	12/23/2021	97.8	8661	4097	4488	740200	11305
89	12/23/2021	95	8350	3400	6795	740200	11620
90	12/23/2021	97.3	8231	7950	6198	740400	11171
91	12/23/2021	99.1	8206	6462	5177	740330	11357
92	12/24/2021	98.3	7776	4002	6843	740100	11216
93	12/24/2021	97	7818	4292	7038	740300	10860
94	12/24/2021	99	8677	6188	5974	740100	11021
95	12/25/2021	95.7	8524	6706	5978	740300	11245
96	12/25/2021	95.7	8050	4467	5496	739900	10827

08/21/2026

Fracture Start Date/Time:	10/12/21 14:33
Fracture End Date/Time:	12/26/21 5:00
State:	West Virginia
County:	Harrison
API Number:	47-033-05987-0000
Operator Number:	
Well Name:	10H
Federal Well:	No
Tribal Well:	No
Longitude:	-80.3920829
Latitude:	39.1573509
Long/Lat Projection:	NAD83
True Vertical Depth (TVD):	7,245'
Total Clean Fluid Volume* (gal):	47,293,154

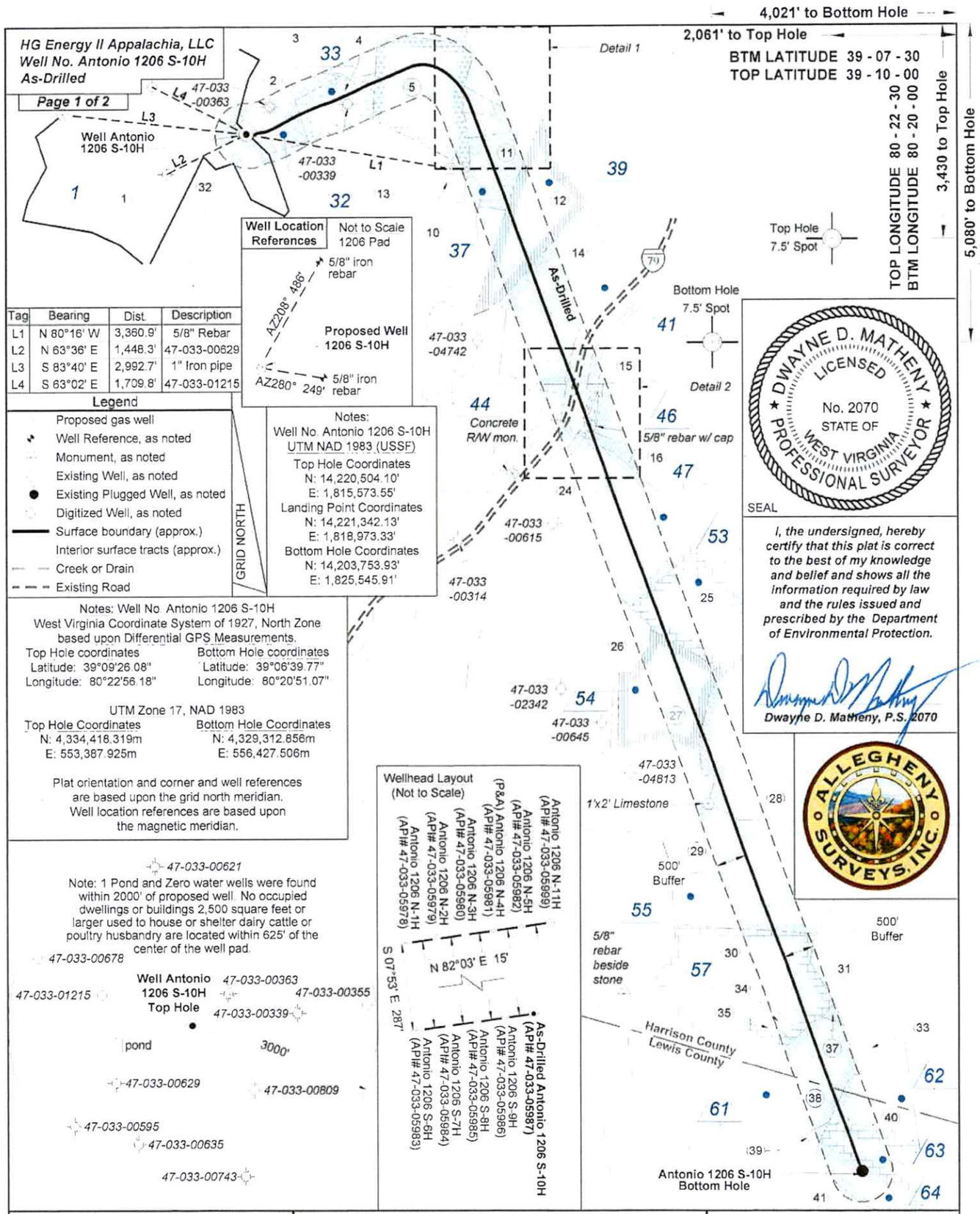
FracFocus Chemical Disclosure Registry

(e.g. XX-XXX-XXXXX-0000)

Additive	*Specific Gravity*	*Additive Quantity*	*Mass (lbs)*	
Water	1.00	47,293,154	*394,661,370*	*gal*
Proppant (Sand)	2.65	64,950,095	*64,950,095*	*lb*
15% HCl	1.08	99,352	*895,420*	*gal*
NCI-25	0.95	3,153	*24,996*	*gal*
3rd Party FR		44,546		*gal*
3rd Party Biocide		12,068		*gal*
3rd Party Gel		516		*gal*
3rd Party Scale Inhibitor		12,659		*gal*
3rd Party Corrosion Inhibitor		144		*gal*
				gal
				lb
				gal
				gal
				gal
				gal
				gal
				gal
				gal
			Total Slurry Mass (Lbs) *460,531,881*	

Ingredients Section:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Mass per Component (LBS)	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments		Claimant Company
15% HCl	NexTier	Acid	Hydrochloric Acid	7647-01-0	15.00%	*134,313*	*0.02916%*		15% HCl	NexTier
15% HCl	NexTier	Acid	Water	7732-18-5	85.00%	*761,107*	*0.16527%*		15% HCl	NexTier
Proppant (Sand)	Nextier	Proppant	Crystalline silica: Quartz (SiO2)	14808-60-7	100.00%	*64,950,095*	*14.10328%*		Proppant (Sand)	Nextier
Water	Operator	Carrier/Base Fluid	Water	7732-18-5	100.00%	*394,661,370*	*85.69686%*		Water	Operator
NCI-25	Nextier	Corrosion Inhibitor	Methanol	67-56-1	60.00%	*14,998*	*0.00326%*		NCI-25	Nextier
NCI-25	Nextier	Corrosion Inhibitor	Ammonium bisulfate	10192-30-0	5.00%	*1,250*	*0.00027%*		NCI-25	Nextier
NCI-25	Nextier	Corrosion Inhibitor	Citric Acid	77-92-9	5.00%	*1,250*	*0.00027%*		NCI-25	Nextier
NCI-25	Nextier	Corrosion Inhibitor	3-aminopropyldimethylamine	109-55-7	1.00%	*250*	*0.00005%*		NCI-25	Nextier
NCI-25	Nextier	Corrosion Inhibitor	Sodium nitrite	7632-00-0	1.00%	*250*	*0.00005%*		NCI-25	Nextier
NCI-25	Nextier	Corrosion Inhibitor	Benzyl Chloride	100-44-7	1.00%	*250*	*0.00005%*		NCI-25	Nextier
NCI-25	Nextier	Corrosion Inhibitor	Cocamidopropyl Dimethylamine	68140-01-2	1.00%	*250*	*0.00005%*		NCI-25	Nextier
									NCI-25	
									NCI-25	
									NCI-25	
									NCI-25	
									NCI-25	
									NCI-25	
									NCI-25	
									NCI-25	
									NCI-25	
									NCI-25	
									NCI-25	
									NCI-25	
									NCI-25	



FILE NO: 06-36-12-G-H-19
DRAWING NO: Antonio 1206 S-10H 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: December 1 2021
OPERATOR'S WELL NO. Antonio 1206 S-10H

API WELL NO
47 - 033 - 05987
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,350' WATERSHED: Middle West Fork Creek
QUADRANGLE: West Milford
DISTRICT: Grant
COUNTY: Harrison
SURFACE OWNER: Antonio P., LLC
ACREAGE: 233.66
ROYALTY OWNER: C. Earl Snider, et al
LEASE NO: _____ ACREAGE: 233.66
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: 8,687' TVD 27,494' MD

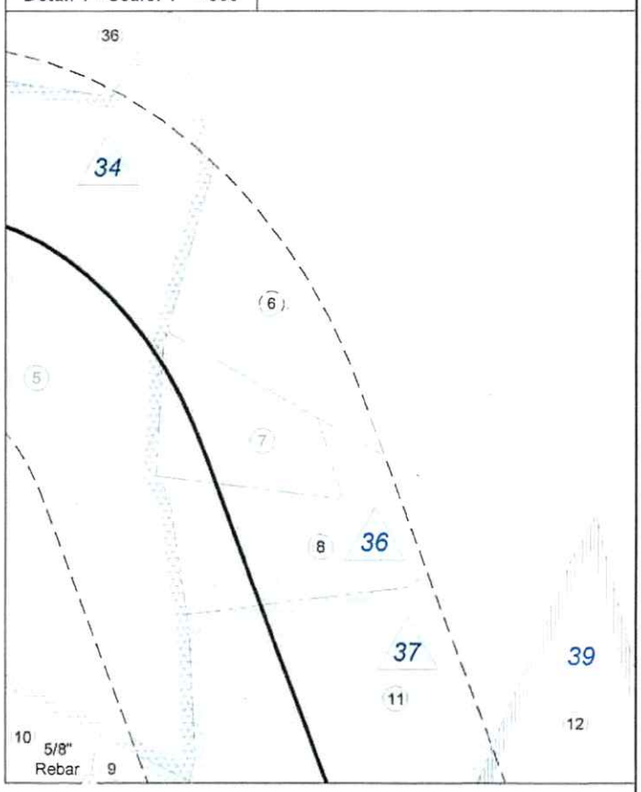
08/21/2026

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

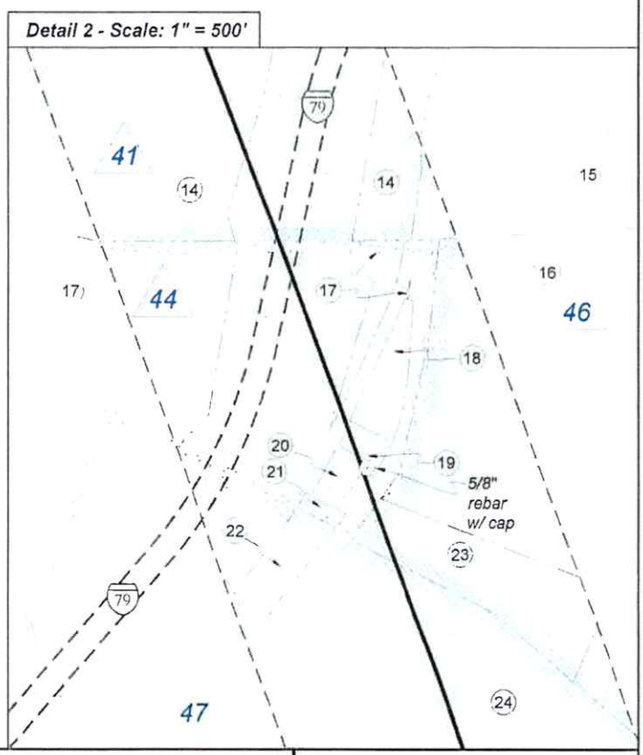
HG Energy II
Appalachia, LLC
Well No. Antonio
1206 S-10H
As-Drilled

ID	Lease
1	C. Earl Snider, et al
32	Alton Bell, et al
33	Alton Bell
34	Marcella R. Bond, et al
36	J.C. McWhorter, et al
37	Lillie Gifford, et al
39	S.J. Davisson
41	J.N. Rector, et al
44	Lucy Davisson
46	Willa E. Ware, et al
47	G. Manley Currey, et al
53	G. Manley Currey, et al
54	Sopha McWhorter, et al
55	B. Swisher, et ux
57	Alcinda B. Jackson, et vir
61	Ella Goodwin, et al
62	A.S. Holbert
63	N.J. Melton
64	N.J. Melton

Detail 1 - Scale: 1" = 500'



Detail 2 - Scale: 1" = 500'



Harrison County - Grant Outside District

No.	TM / Par	Owner	Bk / Pg	Ac.
1	426 / 71	Antonio P., LLC	1503 / 291	233.35
2	426 / 72	AL-N-EL Farms, Inc.	1623 / 1057	30.00
3	426 / 63	AL-N-EL Farms, Inc.	1623 / 1057	51.33
4	426 / 73	AL-N-EL Farms, Inc.	1623 / 1057	22.96
5	426 / 74	Harriet June Ferree	1514 / 480	60.30
6	426 / 77	Kenneth E. Rigdon	1569 / 903	28.26
7	426 / 75	Dale & Lepha Ables, et al	F119 / 565	3.00
8	426 / 76	Ethan Stonko	1622 / 771	7.00
9	446 / 4.1	Johnny & Emmalie Maxwell	1453 / 980	0.98
10	446 / 4	Bob R. Blankenship	1310 / 740	27.67
11	446 / 5	Kathy D. Bennett	W184 / 51	20.38
12	446 / 6	Robert N. Rector	1621 / 719	49.33
13	446 / 3	Antonio P., LLC	1503 / 291	200.00
14	446 / 24	Robert N. Rector	1621 / 719	82.90
15	446 / 28.2	David D. Vanhorn, et al	W177 / 92	42.66
16	446 / 38	Sandra J. Hogsed	1257 / 137	70.16
17	446 / 34	David & Daniel Curry	1451 / 987	97.41
18	446 / 34.1	Corey Alan Rudder	1537 / 200	0.79
19	446 / 34.2	Corey Alan Rudder	1537 / 200	0.29
20	446 / 34.4	Sheila K. Frazier	1536 / 1056	0.38
21	446 / 36.1	Sarah M. Hogsed	1434 / 1034	0.15
22	446 / 48.1	Karen Stronsider	F118 / 483	0.75
23	446 / 37	Sandra J. Hogsed	1123 / 956	3.00
24	446 / 48	AL-N-EL Farms, Inc.	1623 / 1057	88.00
25	466 / 19	AL-N-EL Farms, Inc.	1623 / 1057	63.00
26	466 / 18	AL-N-EL Farms, Inc.	1623 / 1057	82.50
27	466 / 38	AL-N-EL Farms, Inc.	1623 / 1057	123.00
28	467 / 29.1	AL-N-EL Farms, Inc.	1623 / 1057	129.61
29	466 / 56	AL-N-EL Farms, Inc.	1623 / 1057	110.00
30	466 / 71	Joyce A. & Vernon D. Cochran, Jr.	1253 / 240	91.79
31	467 / 49	AL-N-EL Farms, Inc.	1623 / 1057	105.17
32	446 / 1	Antonio P., LLC	1503 / 291	24.10
33	487 / 10	Donley W. & Mark Hutson	1410 / 164	6.85
34	466 / 71.1	Tracy L. Hebb	1417 / 782	4.16
35	466 / 71.2	Tracy L. Smith	1358 / 1193	5.00
36	426 / 42	Cathleen Spitler (LE), et al	1405 / 449	11.69

Lewis County - Hackers Creek District

No.	TM / Par	Owner	Bk / Pg	Ac.
37	10C / 22	Leonard C. & Cynthia L. Riley	502 / 502	1.00
38	9C / 41	Elizabeth J. Hicks	W26 / 481	47.37
39	10C / 19	Myrtle B. Arbogast	W17 / 218	1.20
40	10C / 2	Myrtle B. Arbogast	W17 / 218	78.64
41	10C / 4	Myrtle B. Arbogast	W17 / 218	48.90

FILE NO: 06-36-12-G-H-19
DRAWING NO: Antonio 1206 S-10H 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: December 1 2021
OPERATOR'S WELL NO. Antonio 1206 S-10H

API WELL NO
47 — 033 — 05987
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,350' WATERSHED: Middle West Fork Creek
QUADRANGLE: West Milford
DISTRICT: Grant
COUNTY: Harrison
SURFACE OWNER: Antonio P., LLC
ACREAGE: 233.35
ROYALTY OWNER: C. Earl Snider, et al
LEASE NO: _____ ACREAGE: 233.66
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: 8,687' TVD 27,494' MD

08/21/2026

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