

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

API 47-033-05980 County Harrison District Grant
Quad West Milford Pad Name Antonio 1206 Field/Pool Name Lost Creek
Farm name Antonio Well Number 1206 N-3H
Operator (as registered with the OOG) HG Energy II Appalacia, LLC
Address 5260 Dupont Road 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 4334503.760 Easting 553366.872
Landing Point of Curve Northing 4334440.0 Easting 553397.0
Bottom Hole Northing 4337253.879 Easting 552399.752

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 GLG, safevert WA

Date permit issued 2/07/2020 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 Open mine(s) (Y/N) depths N
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N
Coal depth(s) ft 60, 544, 850, 1102, 1106 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:
05/10/2024

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 - 05980 County Harrison District Grant
Quad West Milford Pad Name Antonio 1206 Field/Pool Name Lost Creek
Farm name Antonio Well Number 1206 N3H
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 14220784.42 Easting 1815504.48
Landing Point of Curve Northing 14220574.96 Easting 1815604.26
Bottom Hole Northing 14229807.10 Easting 1812331.52

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 2/07/2020 Date drilling commenced 10/16/2020 Date drilling ceased 3/18/2021
Date completion activities began 4/4/2021 Date completion activities ceased 6/11/2021
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 Open mine(s) (Y/N) depths N
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N
Coal depth(s) ft 60, 544, 850, 1102, 1106 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N



Reviewed by:
[Signature]
05/10/2023

API 47-033 - 05980 Farm name Antonio Well number 1206 N3H

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"	2169	New	68 lbs/ft		Yes
Intermediate 2	12.25"	9.625"	3014	New	40 lbs/ft J-55		Yes
Intermediate 3							
Production	8.5"	5.5"	17320	New	23 lbs/ft P-11		No
Tubing	5.5"	2.875"	7508	New	6.5 lbs/ft/ J-55		No
Packer type and depth set							

Comment Details Production: started having losses during spacer, lost 40 bbls during lead #1, lost 5 bbls during lead 2, lost 308 bbls during tail, plug landed and held 5 minutes and bled back 4bbls to truck

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	2451	15.6	1.18	2892	Surface	8
Coal							
Intermediate 1	Class A	1824/440	16.0/16.4	1.16/1.12	2116/493	Surface	24
Intermediate 2	Class A	946	15.6	1.19	1126	Surface	8
Intermediate 3							
Production	Class A	616/202/2773	13.5/13.5/14.8	1.82/1.67/1.34	1121/337/3716	4700	8
Tubing	Not cemented						

Drillers TD (ft) 17322 Loggers TD (ft) _____
 Deepest formation penetrated Onondaga Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) 6200 _____

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 _____

HG Energy II Appalachia, LLC

Antonio 1206 N-3H

Perforation Record

Stage #	Perforation Date	Perforation from Depth	Perforation to Depth	Number of Perforations	Formation
Sleeve/1	4/15/2021	17241	17218	2	Marcellus
2	4/15/2021	17184	17016	28	Marcellus
3	4/16/2021	16988	16820	28	Marcellus
4	4/16/2021	16792	16624	28	Marcellus
5	4/17/2021	16596	16428	28	Marcellus
6	4/18/2021	16400	16232	28	Marcellus
7	4/18/2021	16204	16036	28	Marcellus
8	4/19/2021	16008	15840	28	Marcellus
9	4/19/2021	15812	15644	28	Marcellus
10	4/20/2021	15616	15448	28	Marcellus
11	4/21/2021	15420	15252	28	Marcellus
12	4/21/2021	15224	15056	28	Marcellus
13	4/22/2021	15028	14860	28	Marcellus
14	4/22/2021	14832	14664	28	Marcellus
15	4/23/2021	14636	14468	28	Marcellus
16	4/23/2021	14440	14272	28	Marcellus
17	4/23/2021	14244	14076	28	Marcellus
18	4/24/2021	14048	13880	28	Marcellus
19	4/24/2021	13852	13684	28	Marcellus
20	4/25/2021	13656	13488	28	Marcellus
21	4/25/2021	13460	13292	28	Marcellus
22	4/26/2021	13264	13096	28	Marcellus
23	4/27/2021	13068	12900	28	Marcellus
24	4/27/2021	12558	12390	28	Marcellus
25	4/27/2021	12362	12194	28	Marcellus
26	4/28/2021	12166	11998	28	Marcellus
27	4/28/2021	11970	11802	28	Marcellus
28	4/28/2021	11774	11606	28	Marcellus
29	4/29/2021	11578	11410	28	Marcellus
30	4/29/2021	11382	11214	28	Marcellus
31	4/29/2021	11186	11018	28	Marcellus
32	4/29/2021	10990	10822	28	Marcellus
33	4/30/2021	10794	10626	28	Marcellus
34	4/30/2021	10598	10430	28	Marcellus
35	4/30/2021	10402	10234	28	Marcellus
36	4/30/2021	10206	10038	28	Marcellus
37	5/1/2021	10010	9842	28	Marcellus
38	5/1/2021	9814	9646	28	Marcellus
39	5/1/2021	9618	9450	28	Marcellus
40	5/1/2021	9422	9254	28	Marcellus
41	5/1/2021	9226	9058	28	Marcellus
42	5/2/2021	9030	8862	28	Marcellus
43	5/2/2021	8834	8666	28	Marcellus
44	5/2/2021	8639	8471	28	Marcellus
45	5/2/2021	8445	8277	28	Marcellus
46	5/3/2021	8251	8083	28	Marcellus
47	5/3/2021	8057	7889	28	Marcellus
48	5/3/2021	7863	7695	28	Marcellus
49	5/3/2021	7669	7529	24	Marcellus

05/10/2024

HG Energy II Appalachia, LLC
Antonio 1206 N-3H
Stimulation Record

Stage #	Date	Ave pump rate (BPM)	Ave Treatment Press (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Proppant (LBS)	Water (BBLs)
Sleeve/1	4/15/2021	84.0	8708		3876	240000	7,063
2	4/15/2021	89.5	8,800	6,155	4,422	700000	13,329
3	4/16/2021	96.0	9,529	6,875	4,410	699940	14,772
4	4/16/2021	94.6	9,579	6,647	4,140	700060	12,568
5	4/17/2021	92.7	9,818	7,267	4,480	700000	12,603
6	4/18/2021	90.3	9,674	5,963	4,755	702420	11,320
7	4/18/2021	98.7	9,763	6,740	5,507	700100	11,702
8	4/19/2021	97.9	9,735	6,712	4,782	704220	10,204
9	4/19/2021	98.5	9,913	6,822	4,480	700000	9,854
10	4/20/2021	90.2	9,892	6,061	5,104	705000	9,610
11	4/21/2021	89.0	9,678	4,522	5,123	704820	10,870
12	4/21/2021	84.6	9,596	7,217	5,360	704900	9,576
13	4/22/2021	92.5	9,870	6,915	4,916	705040	10,284
14	4/22/2021	91.0	10,094	6,895	5,550	705840	9,749
15	4/23/2021	94.9	10,044	7,105	4,860	705670	9,488
16	4/23/2021	99.2	9,983	6,613	5,265	705320	9,868
17	4/23/2021	104.0	10,115	6,757	5,214	705690	9,631
18	4/24/2021	101.6	9,909	6,788	5,933	704770	9,898
19	4/24/2021	98.0	9,480	6,729	5,616	705020	11,015
20	4/25/2021	105.9	10,440	6,322	5,850	705670	11,745
21	4/25/2021	96.6	9,799	7,141	5,726	705220	9,598
22	4/26/2021	98.0	10,012	6,596	5,726	705100	9,737
23	4/27/2021	101.7	10,446	7,074	5,500	705730	9,650
24	4/27/2021	108.6	9,666	3,524	4,148	705160	9,583
25	4/27/2021	110.0	9,206	4,828	4,534	705610	9,628
26	4/28/2021	92.2	8,609	6,498	5,438	699390	11,431
27	4/28/2021	94.4	8,572	6,731	5,767	705070	9,602
28	4/28/2021	95.0	8,378	6,307	5,827	705590	9,601
29	4/29/2021	95.0	8,479	6,054	5,813	705740	9,685
30	4/29/2021	95.6	8,480	5,951	5,800	705000	9,455
31	4/29/2021	94.8	8,300	5,920	5,579	705100	9,782
32	4/29/2021	95.0	8,532	5,958	5,762	705680	9,659
33	4/30/2021	95.0	8,336	4,288	5,376	705960	9,593
34	4/30/2021	95.1	8,665	6,015	5,250	705080	9,625
35	4/30/2021	95.4	8,437	6,112	4,727	705000	9,567
36	4/30/2021	95.0	8,343	6,422	5,346	705000	9,500
37	5/1/2021	95.0	8,225	5,774	5,684	705570	9,600
38	5/1/2021	95.0	8,306	5,985	5,233	705540	9,596
39	5/1/2021	95.1	7,992	5,603	5,040	705000	9,573
40	5/1/2021	94.9	8,181	4,809	4,898	705000	9,569
41	5/1/2021	95.0	7,851	5,891	5,629	705620	9,567
42	5/2/2021	93.0	7,783	6,154	4,613	586730	9,637
43	5/2/2021	94.6	7,882	5,736	4,960	705000	9,653
44	5/2/2021	94.8	7,947	5,697	5,035	705000	9,471
45	5/2/2021	95.0	7,958	6,238	5,080	705680	9,455
46	5/3/2021	95.0	7,830	5,972	4,853	705870	9,489
47	5/3/2021	95.0	7,911	7,525	5,088	710600	9,676
48	5/3/2021	94.0	8,029	5,344	5,550	675500	9,509
49	5/3/2021	95.0	7,816	4,410	5,660	705500	9,366

API 47- 033 - 05980 Farm name Antonio Well number 1206 N3H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>Marcellus</u>	<u>7240-7333</u> TVD	<u>7506-12573</u> MD
<u>Marcellus</u>	<u>7324-7292</u>	<u>12878-17322</u>
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1979 psi Bottom Hole _____ psi DURATION OF TEST 658 hrs

OPEN FLOW Gas 10848 mcfpd Oil _____ bpd NGL _____ bpd Water 984 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	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 6/21/2023

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

05/10/2024

HG Energy II Appalachia, LLC
Antonio 1206 N-3H
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	2210	2210	2239	2239
Gordon Stray	2259	2259	2295	2295
Gordon	2296	2296	2408	2408
4th Sand	2416	2416	2462	2462
4th sand "A"	2475	2475	2493	2493
5th Sand	2551	2550	2563	2562
Upper Speechley	3124	3123	3153	3152
Lower Speechley	3235	3234	3255	3254
Benson	4529	4527	4557	4555
Rhinestreet	5924	5849	6704	6595
Cashaqua	6704	6595	6915	6804
Middlesex	6915	6804	7059	6936
West River	7059	6936	7195	7049
Burket	7195	7049	7243	7084
Tully	7243	7084	7375	7171
Hamilton	7375	7171	7506	7240
Marcellus	7506	7240	17322	7292

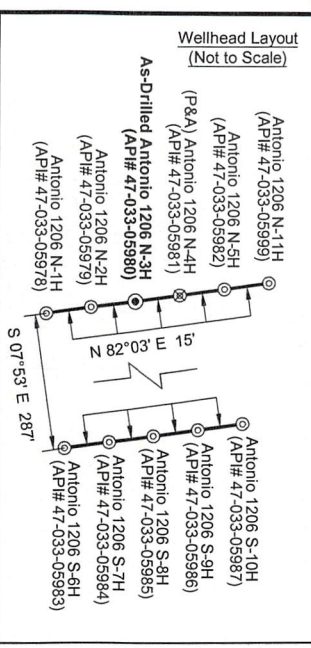
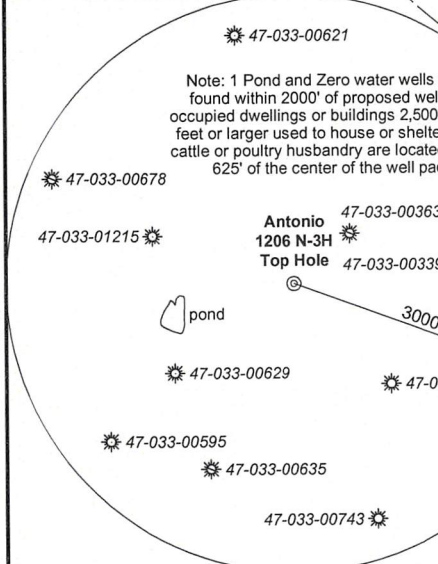
05/10/2024

HG Energy II Appalachia, LLC Well No. Antonio 1206 N-3H As-Drilled				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	426 / 72	Charles R. & Franklin L. Sutton	1301 / 98	30.00
2	426 / 71	Antonio P., LLC	1503 / 291	233.35
3	446 / 1	Antonio P., LLC	1503 / 291	24.10
4	446 / 2	Antonio P., LLC	1503 / 291	43.89
5	446 / 3	Antonio P., LLC	1503 / 291	200.00
6	426 / 63	Charles R. & Franklin L. Sutton	1301 / 98	51.33
7	426 / 38	Antonio P., LLC	1503 / 291	50.75
8	426 / 39	Antonio P., LLC	1503 / 291	50.00
9	426 / 37	Antonio P., LLC	1503 / 291	54.00
10	426 / 13	Antonio P., LLC	1503 / 291	149.74
11	425 / 16	Antonio P., LLC	1503 / 291	122.25
12	406 / 28	Antonio P., LLC	1503 / 291	176.82
13	405 / 82	Jim K. Stutler	1563 / 89	206.52

Tag	Bearing	Dist.
L1	N 75°55' W	3,486.5'
L2	N 53°02' E	1,537.1'
L3	S 89°01' E	2,905.8'
L4	S 71°12' E	1,536.7'

Notes:
Well No. Antonio 1206 N-3H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,220,784.42'
E: 1,815,504.48'
Landing Point Coordinates
N: 14,220,574.96'
E: 1,815,604.26'
Bottom Hole Coordinates
N: 14,229,807.10'
E: 1,812,331.52'

Notes: Well No. Antonio 1206 N-3H
West Virginia Coordinate System of
1927, North Zone
based upon Differential GPS
Measurements.
Top Hole coordinates
Latitude: 39°09'28.85"
Longitude: 80°22'57.03"
Bottom Hole coordinates
Latitude: 39°10'58.28"
Longitude: 80°23'36.56"
UTM Zone 17, NAD 1983
Top Hole Coordinates
N: 4,334,503.760m
E: 553,366.872m
Bottom Hole Coordinates
N: 4,337,253.879m
E: 552,399.752m
Plat orientation and corner and well
references are based upon the grid
north meridian.
Well location references are based
upon the magnetic meridian.



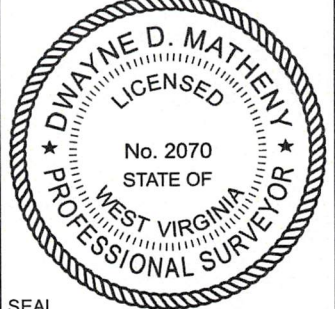
5,239' to Bottom Hole
2,129' to Top Hole
BTM LATITUDE 39 - 12 - 30
TOP LATITUDE 39 - 10 - 00
LONGITUDE 80 - 22 - 30
3,151' to Top Hole
9,277' to Bottom Hole



ID	Lease
3	C. Earl Snider, et al
4	Alton Bell, et al
16	Lewis M. Stout, et al
18	H.D. Smith, et al
19	Suzanne D. Simmons, et al
22	Rachel S. Hershey, et al
24	Mary A. Lowther, et al
25	Porter Maxwell, et al
26	Marcella R. Bond, et al

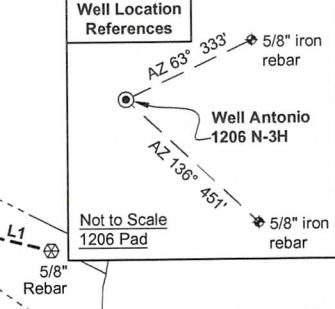
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070



SEAL

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.)
---	Interior surface tracts (approx.)



FILE NO: 06-36-12-G-H-19
DRAWING NO: Antonio 1206 N-3H As-Drilled
SCALE: 1" = 1500'
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 6 2021
OPERATOR'S WELL NO. Antonio 1206 N-3H
API WELL NO
47 - 033 - 05980
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
DISTRICT: Grant
SURFACE OWNER: Charles R. & Franklin L. Sutton
ROYALTY OWNER: Charles R. Sutton LEASE NO: ACREAGE: 30.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,506' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 17,322' 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

HG Energy II Appalachia, LLC
Well No. Antonio 1206 N-3H
As-Drilled

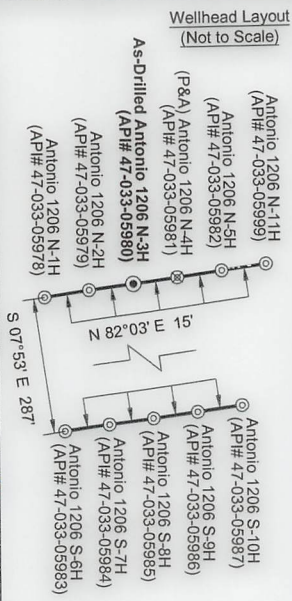
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5	446 / 3	Antonio P., LLC	1503 / 291	200.00
6	426 / 63	Charles R. & Franklin L. Sutton	1301 / 98	51.33
7	426 / 38	Antonio P., LLC	1503 / 291	50.75
8	426 / 39	Antonio P., LLC	1503 / 291	50.00
9	426 / 37	Antonio P., LLC	1503 / 291	54.00
10	426 / 13	Antonio P., LLC	1503 / 291	149.74
11	425 / 16	Antonio P., LLC	1503 / 291	122.25
12	406 / 28	Antonio P., LLC	1503 / 291	176.82
13	405 / 82	Jim K. Stutler	1563 / 89	206.52

Tag	Bearing	Dist.
L1	N 75°55' W	3,486.5'
L2	N 53°02' E	1,537.1'
L3	S 89°01' E	2,905.8'
L4	S 71°12' E	1,536.7'

Notes:
 Well No. Antonio 1206 N-3H
 UTM NAD 1983 (USSF)
 Top Hole Coordinates
 N: 14,220,784.42'
 E: 1,815,504.48'
 Landing Point Coordinates
 N: 14,220,574.96'
 E: 1,815,604.26'
 Bottom Hole Coordinates
 N: 14,229,807.10'
 E: 1,812,331.52'

Notes: Well No. Antonio 1206 N-3H
 West Virginia Coordinate System of
 1927, North Zone
 based upon Differential GPS
 Measurements.
 Top Hole coordinates
 Latitude: 39°09'28.85"
 Longitude: 80°22'57.03"
 Bottom Hole coordinates
 Latitude: 39°10'58.28"
 Longitude: 80°23'36.56"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates
 N: 4,334,503.760m
 E: 553,366.872m
 Bottom Hole Coordinates
 N: 4,337,253.879m
 E: 552,399.752m
 Plat orientation and corner and well
 references are based upon the grid
 north meridian.
 Well location references are based
 upon the magnetic meridian.

Note: 1 Pond and Zero water wells were
 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.



5,239' to Bottom Hole

2,129' to Top Hole

BTM LATITUDE 39 - 12 - 30
 TOP LATITUDE 39 - 10 - 00

LONGITUDE 80 - 22 - 30
 3,151' to Top Hole

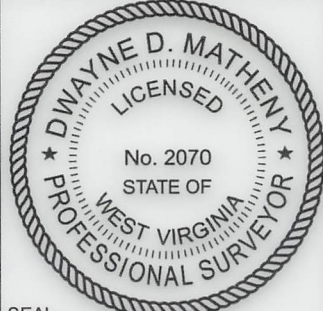
9,277' to Bottom Hole



ID	Lease
3	C. Earl Snider, et al
4	Alton Bell, et al
16	Lewis M. Stout, et al
18	H.D. Smith, et al
19	Suzanne D. Simmons, et al
22	Rachel S. Hershey, et al
24	Mary A. Lowther, et al
25	Porter Maxwell, et al
26	Marcella R. Bond, et al

I, the undersigned, hereby certify
 that this plat is correct to the best of
 my knowledge and belief and contains
 all the information required by law
 and the rules issued and prescribed
 by the Department of Environmental
 Protection.

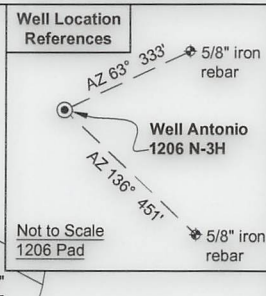
Dwayne D. Matheny
 Dwayne D. Matheny, P.S. 2070



SEAL

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.)
- Interior surface tracts (approx.)



FILE NO: 06-36-12-G-H-19
 DRAWING NO: Antonio 1206 N-3H As-Drilled
 SCALE: 1" = 1500'
 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 6 2021
 OPERATOR'S WELL NO. Antonio 1206 N-3H
 API WELL NO
 47 - 033 - 05980
 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
 DISTRICT: Grant QUADRANGLE: West Milford
 SURFACE OWNER: Charles R. & Franklin L. Sutton COUNTY: Harrison
 ROYALTY OWNER: Charles R. Sutton LEASE NO: ACREAGE: 30.00
 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: 17,322' MD 7,506' 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