



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Thursday, April 8, 2021
WELL WORK PLUGGING PERMIT
Horizontal 6A Plugging

HG ENERGY II APPALACHIA, LLC
5260 DUPONT ROAD
PARKERSBURG, WV 26101

Re: Permit approval for ANTONIO 1206 N-4H
47-033-05981-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: ANTONIO 1206 N-4H
Farm Name: CHARLES R. & FRANKLIN I⁺
U.S. WELL NUMBER: 47-033-05981-00-00
Horizontal 6A Plugging
Date Issued: 4/8/2021

I

4703305981P

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

04/09/2021

WW-4B
Rev. 2/01

1) Date December 1, 2020
2) Operator's
Well No. Antonio 1206 N-4H
3) API Well No. 47-033 - 05981

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ___ / Gas X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production X or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1350' Watershed Middle West Fork Creek
District Grant County Harrison Quadrangle West Milford 7.5'

6) Well Operator HG Energy II Appalachia, LLC 7) Designated Agent Diane White
Address 5260 Dupont Road Address 5260 Dupont Road
Parkersburg, WV 26187 Parkersburg, WV 26101

8) Oil and Gas Inspector to be notified Name Sam Ward
Address P.O. Box 2327
Buckhannon, WV 26201
9) Plugging Contractor Name *To Be Determined Upon Approval of Permit*
Address _____

10) Work Order: The work order for the manner of plugging this well is as follows:

** See attached sheet for plugging manners **

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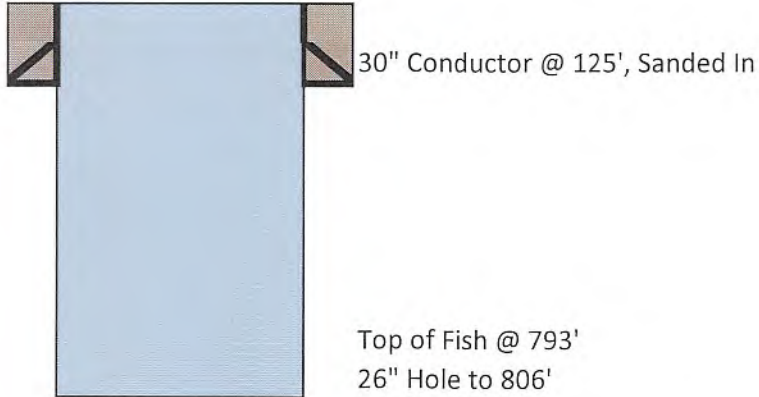
Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Sam Ward Date 12/2/2020

Antonio 1206 N-4H
Plugging Manners

4703305981P

API No 47-033-05981
Farm Antonio
Well # 1206 N 4H
County Harrison, WV



PROCEDURE

- 1 Run Drill Pipe to TD
- 2 Establish Circulation w/ Fresh Water, Load Hole w/ Fresh Water
- 3 Set Cement Plug #1 (Balanced Plug) from 400' to 793', TOOH
- 4 TOOH to 400', Reverse Circulate
- 5 Set Cement Plug #2 (Balanced Plug) from 0-400', TOOH
- 6 Install Monument

SDW
12/2/2020

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04/09/2021

Diane White

From: Ward, Samuel D <Samuel.D.Ward@wv.gov>
Sent: Tuesday, December 1, 2020 1:08 PM
To: Dale Fidurko
Cc: Josh Hinton; Diane White
Subject: RE: [External] Antonio 1206 N 4H

Dale,

Go ahead and plug the borehole back to surface. You may use Celloflake as LCM in the cement. Please make allowances to place the monument as required in CSR 35-4- 5.5.b. Except as provided below, upon the completion of the plugging and filling of any abandoned well, a permanent monument or marker consisting of a length of pipe (minimum diameter size six (6) inches) filled with concrete (or the equivalent thereof if approved by the Chief) shall be erected over the well; the marker shall extend no less than thirty (30) inches above the surface and not less than ten (10) feet below the surface and into the well, and shall be sealed with concrete for the purpose of making the marker permanent. The API well identification number which consists of the state (47), county (001 through 109), and permit number shall be attached or stamped in a permanent manner to said monument; and such numbering shall be no less than one half (1/2) inch in height and detectable by any interested person approaching the marker. The erection of the marker shall in no way interfere with the bleeder pipe from the well where such pipe is required, or the vent or other device installed pursuant to W. Va. Code §22-6-24. Such manner shall be accurately described on Form WR-38, "Affidavit of Plugging and Filling Well" (see subsection 13.10 below) as to time and manner of plugging and filling the well, and shall be approved by the Chief as a satisfactory landmark that may be used as such in the location of adjacent wells. Two (2) permanent reference points with courses and distances from the abandoned well shall be designated and prescribed on the plat required by subdivision 5.2.d above in the form prescribed by section 9 below, accompanying Form WW-4, "Notice of Intention to Plug and Abandon a Well," if any change in the plat is necessary, accompanying Form IV-38, "Affidavit of Plugging and Filling Well" (see subsection 13.10 below).

Have Diane prepare a plugging permit for submittal. I will sign the permit when it is ready. The permit is a formality, and the well can only be plugged verbally if the rig is still on the well. If the rig skids to another well, then the permit must be obtained before the well can be plugged.

Sam

From: Dale Fidurko <dfidurko@hgenergyllc.com>
Sent: Tuesday, December 1, 2020 10:24 AM
To: Ward, Samuel D <Samuel.D.Ward@wv.gov>
Cc: Josh Hinton <jhinton@hgenergyllc.com>
Subject: [External] Antonio 1206 N 4H

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 WV Department of
 Environmental Protection

CAUTION: External email. Do not click links or open attachments unless you verify sender.

Sam,

Please grant verbal permission to plug the Antonio 1206 N 4H. Current TD is 806'. We will cement from 806' to surface.

Thanks,

Dale Fidurko
 HG Energy

4703305981P

WW-4A
Revised 6-07

1) Date: December 1, 2020
2) Operator's Well Number
Antonio 1206 N-4H
3) API Well No.: 47 - 033 - 05981

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:	✓	5) (a) Coal Operator	
(a) Name	<u>Antonio PLLC, c/o Mike Ross</u>	Name	<u>NA</u>
Address	<u>P. O. Box 219</u> <u>Coalton, WV 26257</u>	Address	<u></u>
(b) Name	<u>Charles R. Sutton</u>	(b) Coal Owner(s) with Declaration	
Address	<u>593 Long Run Road</u> <u>Lost Creek, WV 26385</u>	Name	<u>NA</u>
(c) Name	<u></u>	Address	<u></u>
Address	<u></u>	Name	<u></u>
		Address	<u></u>
6) Inspector	<u>Sam Ward</u>	(c) Coal Lessee with Declaration	
Address	<u>P. O. Box 2327</u> <u>Buckhannon, WV 26201</u>	Name	<u>NA</u>
Telephone	<u>304-389-7583</u>	Address	<u></u>

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

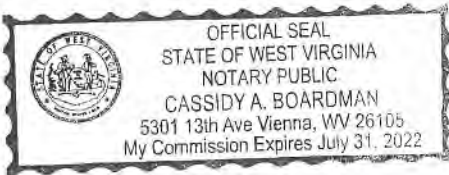
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

WV Department of Environmental Protection

Well Operator	<u>HG Energy, LLC</u>
By:	<u>Diane White</u> <i>Diane White</i>
Its:	<u>Agent</u>
Address	<u>5260 Dupont Road</u> <u>Parkersburg, WV 26101</u>
Telephone	<u>304-420-1119</u>

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Subscribed and sworn before me this 1st day of December, 2020
Cassidy A. Boardman Notary Public
My Commission Expires 7/31/2022

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

04/09/2021

47033059810

7019 2280 0000 1287 1853

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fees as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To **Antonio PLLC c/o Mike Ross**

Street and Apt. No., or PO Box No.
P.O. Box 219

City, State, ZIP+4®
Coalton WV 26257

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Postmark
DEC 03 2020

1206 N4H-P

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HG Energy, LLC
5260 Dupont Road
Parkersburg, WV 26101
(304) 420-1100 - Office
(304) 863-3172 - Fax

4703305981P

December 1, 2020

Antonio PLLC, c/o Mike Ross
P. O. Box 219
Coalton, WV 26257

RE: Antonio 1206 N-4H (Plug and Abandon Well)
Grant District, Harrison County
West Virginia

Dear Mr. Ross:

Enclosed are copies of various application papers that we have filed with the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas. A well work permit is being requested for the above-referenced well.

Pursuant to WV Code Chapter 22B, Article 6, you are receiving copies of this correspondence because the well or other anticipated disturbance is located on your surface property. Your rights as a landowner are detailed in the enclosed permit application papers.

No action on your part is required. If you have any questions or comments regarding this application, you may contact me at (304) 420-1119 or email at dwhite@hgenergyllc.com.

Very truly yours,

Diane White

Diane C. White

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Office of Oil and Gas

DEC 07 2020

WV Department of
Environmental Protection

Enclosures

04/09/2021

SURFACE OWNER WAIVER

Operator's Well
Number

Antonio 1206 N-4H

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

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WV Department of
Environmental Protection

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____

Signature

Date
04/09/2021

WW-9
(5/16)

4703305981P

API Number 47 - 033 - 05981
Operator's Well No. _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name HG Energy II Appalachia, LLC OP Code 494519932

Watershed (HUC 10) Middle West Fork Creek Quadrangle West Milford 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: None anticipated

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

SDC
12/2/2020

Will closed loop system be used? If so, describe: NA

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. NA

-If oil based, what type? Synthetic, petroleum, etc. NA

Additives to be used in drilling medium? NA

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. NA

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) NA

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Diane White

Company Official (Typed Name) Diane White

Company Official Title Agent

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WV Department of
Environmental Protection

Subscribed and sworn before me this 1st day of December, 20 20

Cassidy Boehm

Notary Public

My commission expires 7/31/2022



Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed 0.25 acre Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10/20/20

Fertilizer amount 500 lbs/acre

Mulch Straw 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Ladino Clover	5	Ladino Clover	5

****Sediment Control Will Be Maintained At All Times****

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature] WV DEP Inspector, Harrison County

Comments: _____

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Environmental Protection

Title: OOG Inspector Date: 12/2/2020

Field Reviewed? Yes No

N/A

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
GROUNDWATER PROTECTION PLAN

Operator Name: HG Energy II Appalachia, LLC
Watershed (HUC 10): Middle West Fork Creek Quad: West Milford, 7.5'
Farm Name: _____

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

NA

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

NA

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

NA

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4. Summarize all activities at your facility that are already regulated for groundwater protection.

NA

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

N/A

NA

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

NA

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

NA

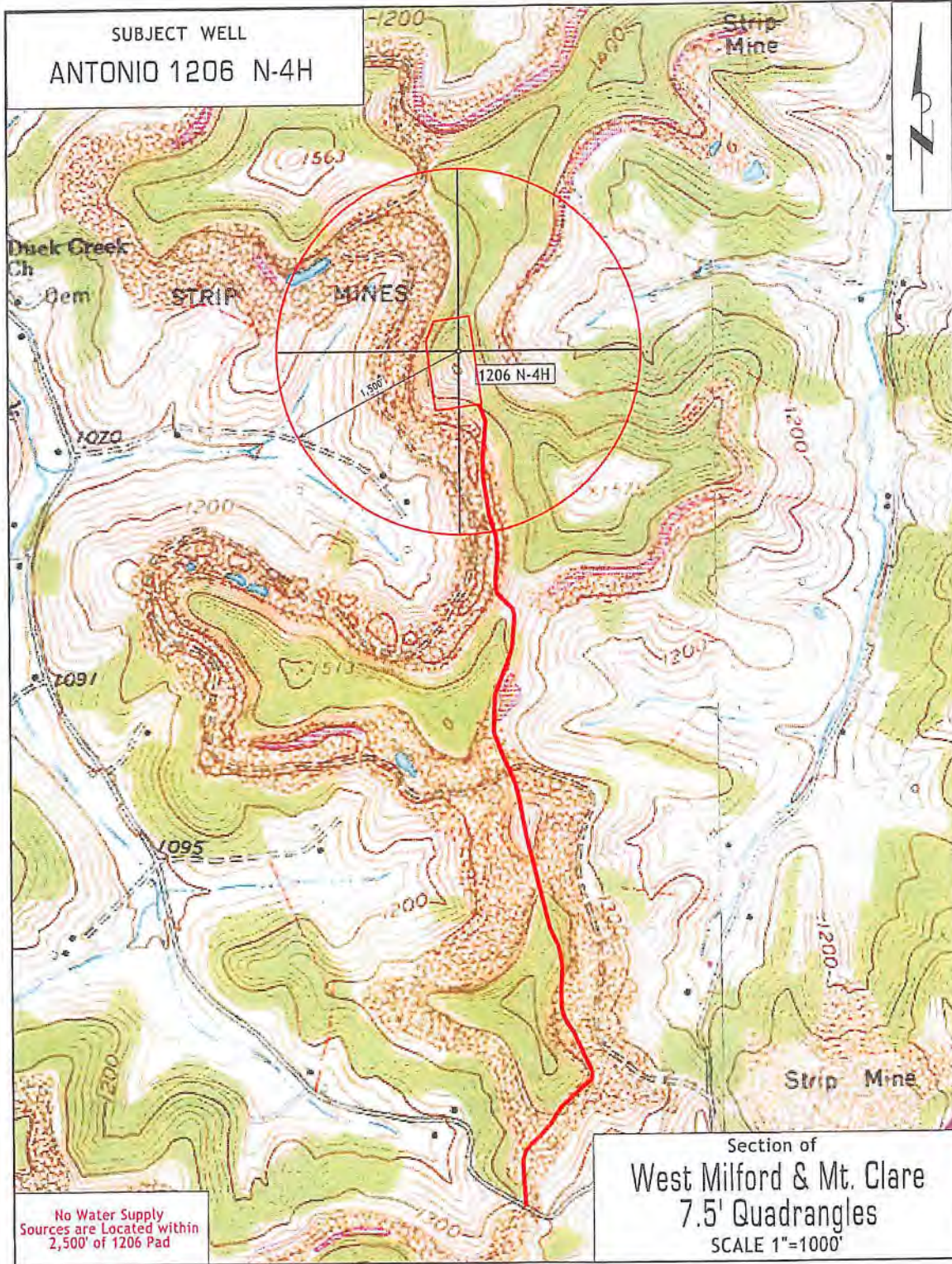
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8. Provide provisions and frequency for inspections of all GPP elements and equipment.

NA

Signature: Diane White

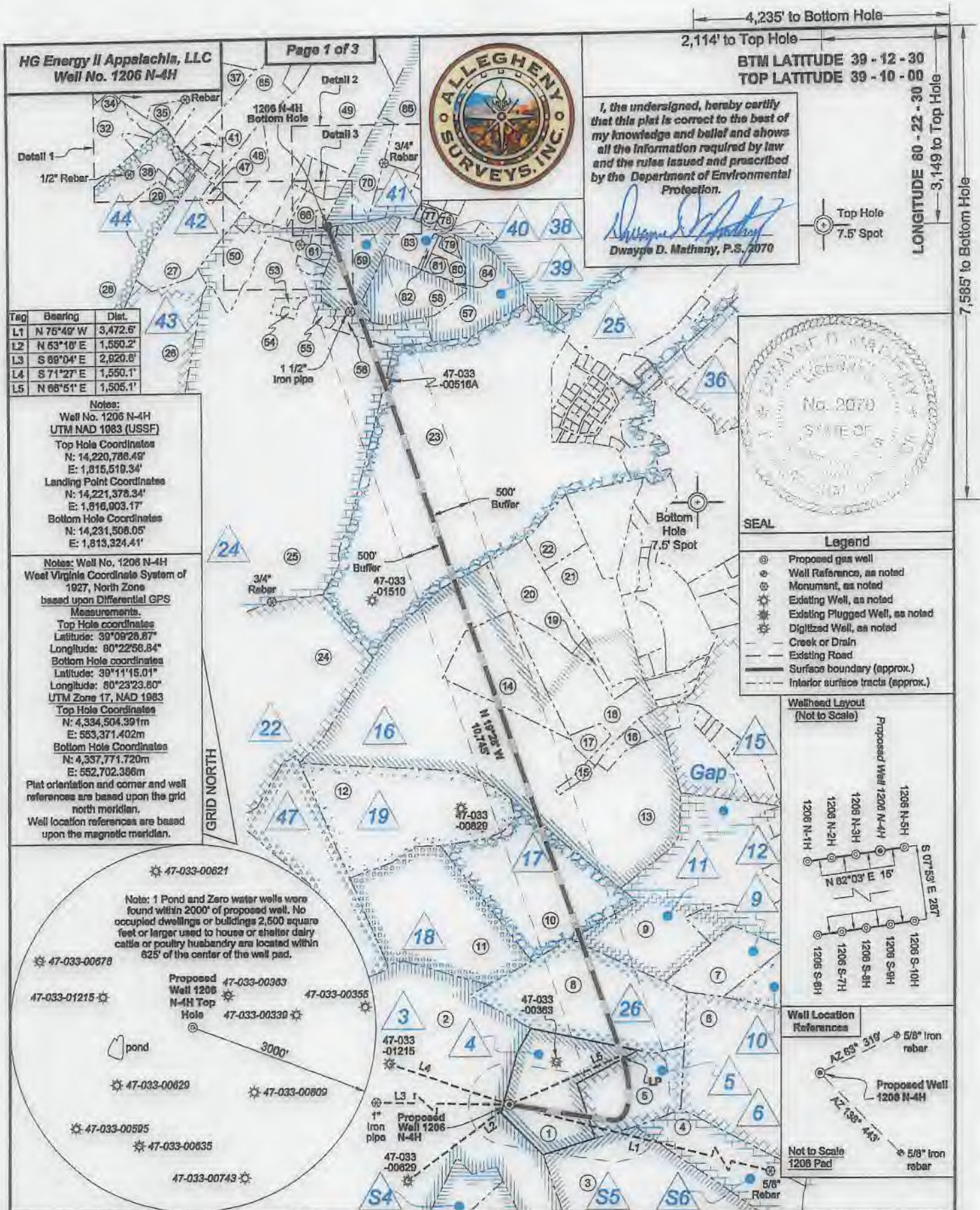
Date: _____



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FILE NO: 06-36-12-G-H-19
DRAWING NO: 1206 N-4H Well Plat
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: October 14 20 19
OPERATOR'S WELL NO. 1206 N-4H
API WELL NO
47 - 033 - 05981 P
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: Charles R. & Franklin L. Sutton

ACREAGE: 30.00

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) _____

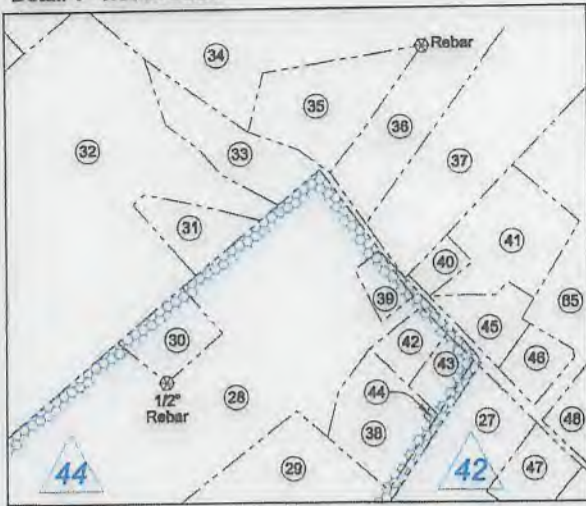
PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,794' MD 7,252' TVD

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

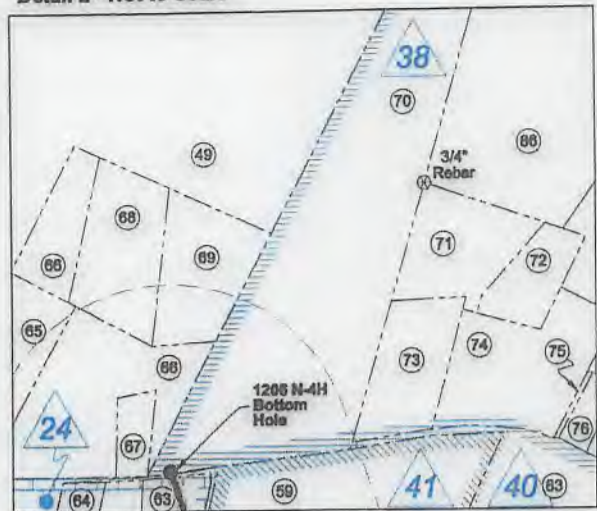
DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

04/09/2021

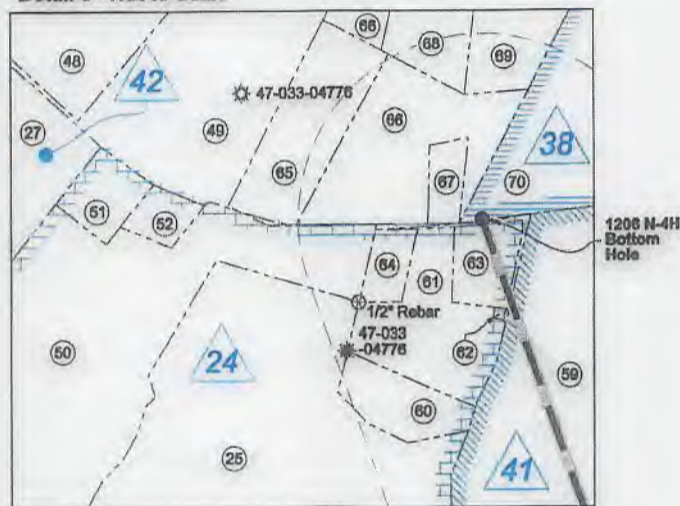
Detail 1 - Not to Scale



Detail 2 - Not to Scale



Detail 3 - Not to Scale



ID	Lease
3	C. Earl Snider, et al
4	Alton Bell, et al
5	Alton Bell
6	Marcella R. Bond, et al
9	Orpha G. Davis, et al
10	Alton Bell
11	Hugh C. Davis, et al
12	Hugh C. Davis, et al
15	A.W. Smith
16	Lewis M. Stout, et al
17	Berle E. Young, et al
18	H.D. Smith, et al
19	Suzanna 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
36	I. Wilson Swisher, et al
38	M.H. Vanhorn, et ux
39	HG Energy II Appalachia, LLC
40	UNLEASED
41	M.A. Lowther, et vir
42	Hattie O. West, et al
43	Palitto Brothers, Inc.
44	Jettie Cox, et al
47	WV Division of Natural Resources
64	Creed W. Snider, et al
85	Lloyd Stout
86	Lillie D. Gifford, et al

FILE NO: 06-36-12-G-H-19
DRAWING NO: 1206 N-4H Well Plat
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: October 14 20 19
OPERATOR'S WELL NO. 1206 N-4H
API WELL NO
47 - 033 - 05981 P
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
COUNTY: Harrison

SURFACE OWNER: Charles R. & Franklin L. Sutton

ACREAGE: 30.00

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: 7,252' TVD
16,794' 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

04/09/2021

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 / 3	Antonio P., LLC	1503 / 291	200.00
4	446 / 4	Bob R. Blankenship	1310 / 740	27.67
5	426 / 73	Charles R. & Franklin L. Sutton	1301 / 98	22.6
6	426 / 74	Haniet June Famese	1514 / 480	60.30
7	426 / 41	Charles R. & Franklin L. Sutton	1301 / 98	15.00
8	426 / 63	Charles R. & Franklin L. Sutton	1301 / 98	51.33
9	426 / 40	Charles R. & Franklin L. Sutton	1332 / 28	57.97
10	426 / 39	Antonio P., LLC	1503 / 291	50.60
11	426 / 38	Antonio P., LLC	1503 / 291	50.75
12	426 / 37	Antonio P., LLC	1503 / 291	54.00
13	426 / 13	Antonio P., LLC	1503 / 291	148.74
14	426 / 1	Antonio P., LLC	1503 / 291	20.98
15	426 / 14	Antonio P., LLC	1503 / 291	1.21
16	426 / 16	Antonio P., LLC	1503 / 291	3.02
17	426 / 15	Antonio P., LLC	1503 / 291	3.22
18	426 / 2	Antonio P., LLC	1503 / 291	26.13
19	426 / 3	Antonio P., LLC	1503 / 291	3.00
20	406 / 29	Antonio P., LLC	1503 / 291	19.43
21	426 / 4	Antonio P., LLC	1503 / 291	22.04
22	406 / 30	Antonio P., LLC	1503 / 291	8.416
23	406 / 28	Antonio P., LLC	1503 / 291	178.82
24	426 / 16	Antonio P., LLC	1503 / 291	122.25
25	406 / 82	Jim K. Stutler	1563 / 89	206.62
26	406 / 66	Antonio P., LLC	1503 / 291	33.00
27	406 / 65.1	Kermit P. & Deborah B. Stutler	1181 / 308	20.65
28	406 / 64	Robert M. Lewis, Jr.	1518 / 814	75.288
29	406 / 84.1	Tracy L. Davis	1443 / 766	8.20
30	406 / 84.6	Edward G. Lewis (LE)	1394 / 367	0.82
31	406 / 61	Connie J. & Robert M. Lewis Jr.	1518 / 814	0.80
32	406 / 49	Connie J. & Robert M. Lewis Jr.	1221 / 898	12.12
33	406 / 52	Paul Wayne Conley, et al	WB 126 / 204	1.15
34	406 / 53.1	Donnie D. & Donna R. Reaser	1047 / 543	4.72
35	406 / 54	Justina H. Ball	WB 166 / 262	2.00
36	406 / 55	Justina G. & Rodney D. Ball	1067 / 404	2.08
37	406 / 56	Pamela K. Metzgar	1362 / 825	8.64
38	406 / 64.5	James B. & Dariana D. Cook	1336 / 723	1.36
39	406 / 64.4	W. Delma Parris	1195 / 463	0.35
40	406 / 57.1	Paul D. & Sabrina M. Skidmore	1408 / 779	0.316
41	406 / 57	Paul D. & Sabrina M. Skidmore	1408 / 779	1.80
42	406 / 84.2	Hollie A. Stutler	1589 / 320	0.498
43	406 / 84.3	Alan R. & Judy R. Haught	1053 / 1099	0.394

No.	TM / Par	Owner	Bk / Pg	Ac.
44	406 / 64.7	Grant Union Public Service	1164 / 945	0.02
45	406 / 57.2	Patsy L. Hite	1237 / 561	0.86
46	406 / 57.8	Judith A. & David L. Corkrean	1277 / 738	0.55
47	406 / 65	Kermit P. & Deborah Stutler	1181 / 308	0.65
48	406 / 68	Tory J. Nicholson	1558 / 794	7.92
49	406 / 2	Arden L. & Wendy D. Skidmore	1397 / 26	37.78
50	406 / 82.3	Kermit P. & Deborah B. Stutler	1389 / 812	12.63
51	406 / 82.1	Arden L. & Wendy D. Skidmore	1434 / 469	0.87
52	406 / 82.2	William D. & Tabitha N. Ratliff	1503 / 389	0.48
53	406 / 82.4	Kermit P. Stutler	1456 / 110	1.20
54	406 / 82.5	Jennifer C. Stutler	1377 / 1043	0.63
55	406 / 49.1	Nina S. & David T. Mathews Sr.	1177 / 450	1.34
56	406 / 49	Jim K. Stutler	1563 / 89	8.03
57	406 / 19	Antonio P., LLC	1503 / 291	23.49
58	406 / 19.1	Harrison County Board of Education	1240 / 27	13.91
59	406 / 17	Board of Education	816 / 623	15.94
60	406 / 16	Jim K. Stutler	1563 / 89	1.40
61	406 / 16.3	Jim K. Stutler	1563 / 94	2.41
62	406 / 16.4	Grant Union Public Service	1169 / 1022	0.02
63	406 / 16.2	Aaron & Carly Underwood	1588 / 1058	0.846
64	406 / 16.1	Kevin K. Stutler & Linda Queen Turner	1430 / 1191	0.52
65	406 / 3	Paul O. & Marilyn S. Kittle	1464 / 242	2.50
66	406 / 4	T. Dane Williams	1088 / 795	4.73
67	406 / 4.1	T. Dane Williams	1173 / 734	0.35
68	406 / 4.2	Roger A. & Chandra D. Hamper	1524 / 239	2.00
69	406 / 4.3	Michelle J. & Christy R. Foster	1528 / 960	1.90
70	406 / 5	Richard K. Williams	1344 / 968	10.968
71	406 / 7	Lori E. & Jose E. Moreno	1368 / 627	1.82
72	406 / 7.10	Lori E. & Jose E. Moreno	1381 / 616	1.00
73	406 / 7.5	Luzinda R. Beckstead & Jo Ann Longenecker	1616 / 375	1.66
74	406 / 7.14	Mark A. Bond	1388 / 568	2.68
75	406 / 7.11	Michael L. & Cierra V. Bond	1388 / 564	0.06
76	406 / 7.8	Michael L. & Cierra V. Bond	1331 / 616	0.36
77	406 / 7.1	Michael L. & Cierra V. Bond	1087 / 304	1.00
78	406 / 7.2	Richard A. & Wilma D. Fenstermacher	1076 / 1031	1.00
79	406 / 18.1	Bridgette A. & Richard L. Ward	1217 / 862	0.94
80	406 / 18.2	Bridgette A. & Richard L. Ward	1217 / 862	2.045
81	406 / 18	Bridgette A. & Richard L. Ward	1336 / 137	1.564
82	406 / 18.4	Bridgette A. & Richard L. Ward	1336 / 137	0.747
83	406 / 18.3	The Board of Education of Harrison County	1230 / 1024	5.00
84	406 / 18.5	Bridgette A. & Richard L. Ward	1336 / 137	0.169
85	406 / 57.3	David P. & Kelley J. Richman	1273 / 116	12.91
86	406 / 6	Richard K. Williams	1344 / 968	40.00

FILE NO: 06-36-12-G-H-19
DRAWING NO: 1206 N-4H Well Plat
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: October 14 20 19
OPERATOR'S WELL NO. 1206 N-4H
API WELL NO
47 - 033 - 05181 P
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: Charles R. & Franklin L. Sutton

ACREAGE: 30.00

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) _____ 7,252' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,794' 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, LLC
5260 Dupont Road
Parkersburg, WV 26101
(304) 420-1100 - Office
(304) 863-3172 - Fax

December 1, 2020

Jeff McLaughlin
WVDEP
Division of Oil & Gas
601 57th Street
Charleston, West Virginia 25304

RE: Antonio 1206 N-4H - (47-033-05981)
Grant District, Harrison County
West Virginia

Dear Mr. McLaughlin:

Enclosed are Forms WW-4(A), WW-4(B), WW-9, mylar, topo map, and copy of certified mailing receipt to plug and abandon the above-captioned well. This well was in the process of being drilled when the drill bit was lost at approximately 806', attempts to recover the bit weren't successful and it was determined the well should be plugged.

Please let me know if you have any questions or need further information. I can be reached at 304-420-1119 or email, dwhite@hgenergyllc.com.

Very truly yours,

Diane White

Diane C. White

Enclosures

cc: Sam Ward - Inspector

RECEIVED
Office of Oil and Gas
DEC 07 2020
WV Department of
Environmental Protection

04/09/2021