



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

Tuesday, February 28, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

HG ENERGY II APPALACHIA, LLC
5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re: Permit approval for A-488
47-041-01914-00-00

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: A-488
Farm Name: LOVETT, J. T.
U.S. WELL NUMBER: 47-041-01914-00-00
Vertical Plugging
Date Issued: 2/28/2023

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4704101914P

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.

03/03/2023

WW-4B
Rev. 2/01

1) Date January 19, 2023
2) Operator's
Well No. JT Lovett A-488
3) API Well No. 47-041 - 01914

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 / Liquid injection / Waste disposal
(If "Gas, Production or Underground storage) Deep / Shallow
- 5) Location: Elevation 1231 Watershed Dry Fork
District Freemans Creek County Lewis Quadrangle Camden
- 6) Well Operator HG Energy II Appalachia, LLC 7) Designated Agent Diane White
Address 5260 Dupont Road Address 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Kenneth Greynolds Name To Be Determined Upon Approval of Permit
Address 613 Broad Run Road Address _____
Jane Lew, WV 26378

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

**** See Attached Plugging Manners ****

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

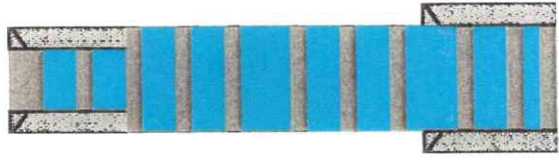
Work order approved by inspector Kenneth Greynolds Date _____

03/03/2023

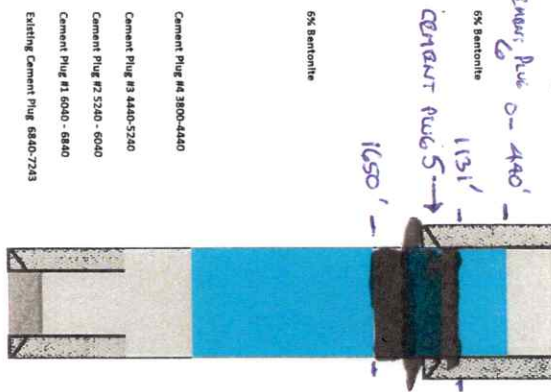
4101041041

API No: 47241-01914
 Farm: 1 T. Lovett
 Well #: A-488
 County: Lewis
 TD: 7243
 Elevation: 1231
 Water: 334'
 Coal: None encountered per Well Record
 Ceiling: 9-5/8" - 1449' TOC @ Surface
 4-1/2" Top @ 5090

Proposed Wellbore



9-5/8" @ 1449' TOC @ Surface
 Top of 4-1/2" @ 5090
 TD @ 7243



9-5/8" @ 1449' TOC @ Surface
 Top of 4-1/2" @ 5090
 TD @ 7243

Cement Plug 0 - 440'
6X Bentonite
Cement Plug 5 - 1131'
1650'
9 5/8" W

PLUGGING PROCEDURE

1. Clean Out to last cement plug @ 6840
2. Run Tubing to TD
3. Establish Circulation w/ Fresh Water, Load Hole w/ Fresh Water
4. Set Cement Plug #1 (Balanced Plug), TOOH
5. Tag TOC
6. TH, Set Cement Plug #2 (Balanced Plug), TOOH
7. Set Cement Plug #3 (Balanced Plug), TOOH
8. Tag TOC
9. TH, Set Cement Plug #4 (Balanced Plug), TOOH
10. Tag TOC
11. TH, Set Cement Plug #5 (Balanced Plug), TOOH
12. Tag TOC
13. Set Cement Plug #6 (Balanced Plug), TOOH
14. Tag TOC
15. Set Cement Plug #7 (Balanced Plug), TOOH
16. Install Monument

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WV Department of Environmental Protection

Kenneth Greynolds

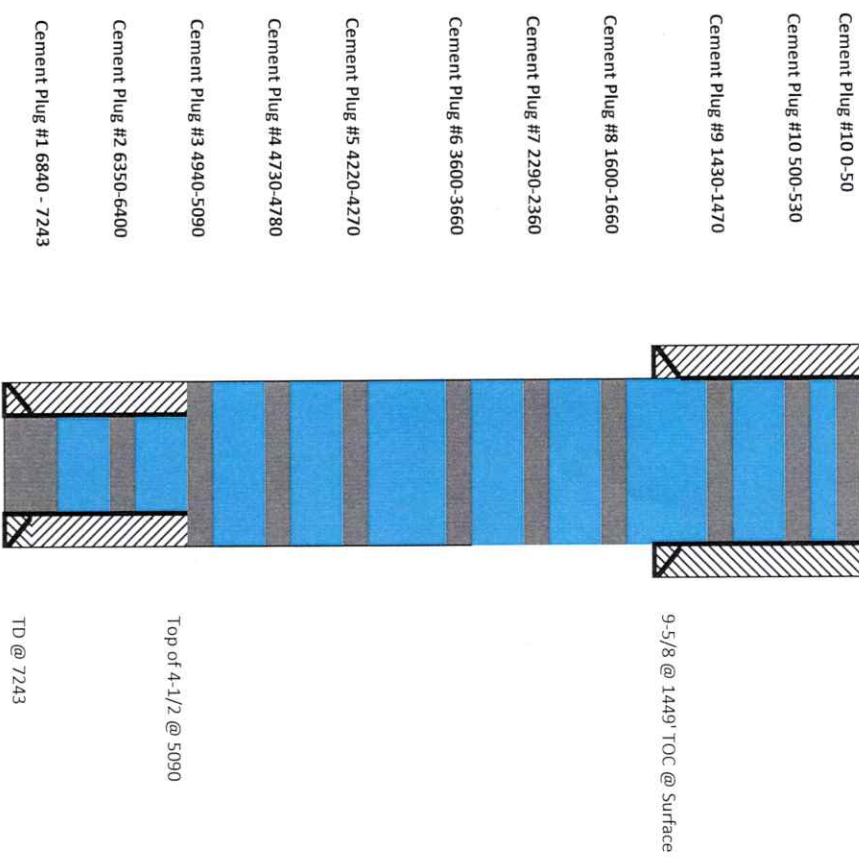
Digitally signed by Kenneth Greynolds
 s/Kenneth Greynolds email = Kenneth.L.Greynolds@wv.gov C = AD O = WVDEP OU = Oil and Gas
 Date: 2023.01.27 12:40:56 -0500'

03/03/2023

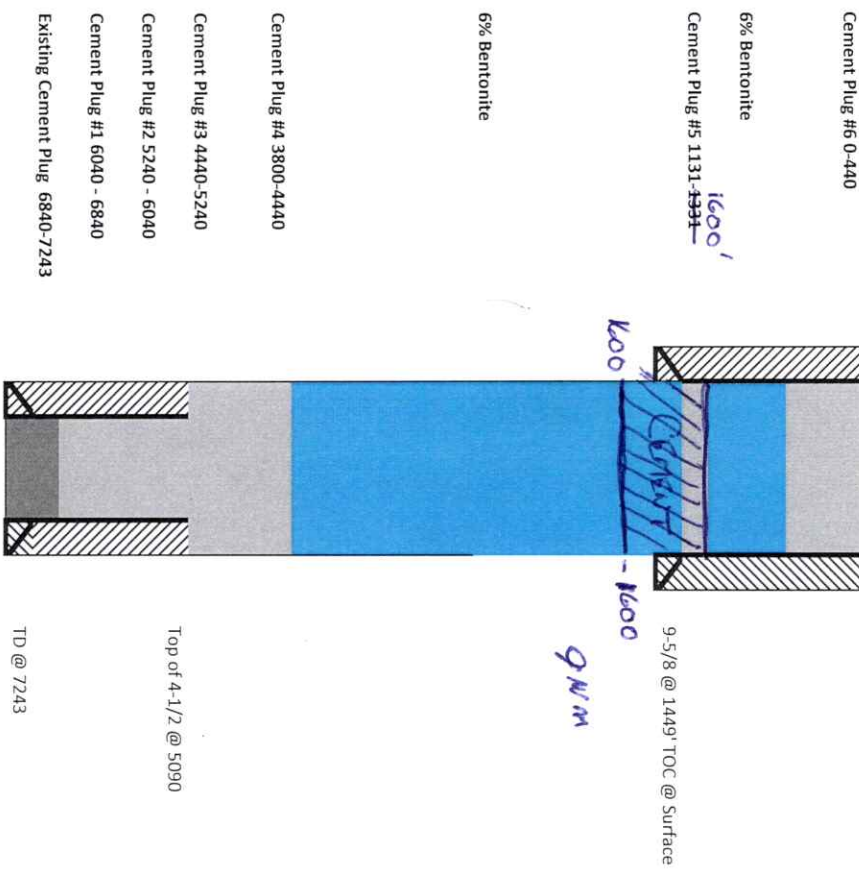
4704101914P

API No: 47-041-01914
 Farm: J. T. Lovett
 Well #: A-488
 County: Lewis
 TD: 7243
 Elevation: 1231
 Water: 334'
 Coal: None encountered per Well Record
 Casing: 9-5/8" - 1440' TOC @ Surface
 4-1/2" Top @ 5090

CURRENT WELLBORE



Proposed Wellbore



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 Environmental Protection

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PLUGGING PROCEDURE

- 1 Clean Out to last cement plug @ 6840
- 2 Run Tubing to TD
- 3 Est Circulation w/ FW, Load Hole w/ FW
- 4 Set Cement Plug #1 (Balanced Plug), TOOH
- 5 Tag TOC
- 6 TH, Set Cement Plug #2 (Balanced Plug), TOOH
- 7 Set Cement Plug #3 (Balanced Plug), TOOH
- 8 Tag TOC
- 9 TH, Set Cement Plug #4 (Balanced Plug), TOOH
- 10 Tag TOC
- 11 TH, Set Cement Plug #5 (Balanced Plug), TOOH
- 12 Tag TOC
- 13 Set Cement Plug #6 (Balanced Plug), TOOH
- 14 Install Monument

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NOV 25 1974

FORM 00-8

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT. ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

<u>John H. Kyer</u> <u>733 W. Coal River Ave. Second St.</u> <u>Weston, WV 26452</u> ADDRESS	<u>Allegheny Land & Mineral Co.</u> <u>P.O. Box 1740</u> <u>Clarksburg, WV 26301</u> COMPLETE ADDRESS
COAL OPERATOR OR OWNER	<u>November 21</u> 19 <u>74</u> WELL AND LOCATION
ADDRESS	<u>Freeman's Creek</u> District
<u>Same</u> LEASE OR PROPERTY OWNER	<u>Lewis</u> County
ADDRESS	Well No. <u>A-468</u>
	<u>J. T. Lovett</u> Farm

STATE INSPECTOR SUPERVISING PLUGGING Robert Bates

AFFIDAVIT

STATE OF WEST VIRGINIA, }
County of Ritchie } ss:

Charles Lamp and Ray Reed
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Allegheny Land & Mineral Co. well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12th day of November, 1974, and that the well was plugged and filled in the following manner:

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BAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
Chert Sand	Cement 7243' - 6840'			
	Aquagel - 6840' - 6400'			
Sand	Cement - 6400' - 6350'			
	Aquagel - 6350' - 5090'			
	Cut 4 1/2" casing at 5090'		5090'	2137' - 4 1/2"
Sand	Cement - 5090' - 4940'			
	Aquagel - 4940' - 4780'		XXXX	1449' - 9-5/8"
Sand	Cement - 4780' - 4730'			
	Aquagel - 4730' - 4270'			22' - 13"
Benson Sand	Cement - 4270' - 4220'			
	Aquagel - 4220' - 3650'			
Shale	Cement - 3660' - 3600'			
	Aquagel - 3600' - 2360'			
Sand	Cement - 2360' - 2290'			
	Aquagel - 2290' - 1660'			
Injunctive	Cement - 1660' - 1600'			
(NAME)	Aquagel - 1600' - 1470'	DESCRIPTION OF MONUMENT		
(NAME)	Cement - 1470' - 1430'	Erect marker in accordance with Rule 14.		
(NAME)	Aquagel - 1430' - 530'			
(NAME)	Cement - 530' - 500' (over)			

and that the work of plugging and filling said well was completed on the 12th day of November, 19 74.

And further deponents saith not.

Charles W. Lamp
Ray Reed

Sworn to and subscribed before me this 21st day of November, 1974.

My commission expires:
April 14, 1977

Wason Dawson
Notary Public.

Permit No. LEW-1914-P

4704101914P

Filling material continued:

Aquagel - 580' - 50'
Cement 50' to surface

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S PLUGGING REPORT

Permit No. lew-1914-PWell No. A-488

COMPANY Allegheny Land and Mineral Co. ADDRESS Box 1710, Clarksburg, W.Va. 26301
FARM J.T. Lovett DISTRICT Fremers Creek COUNTY Lewis

Filling Material Used _____

Liner	Location	Amount	Packer	Location
PLUGS USED AND DEPTII PLACED		BRIDGES		CASING AND LUDING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED SIZE LOST
7243-6790	Cement	35 sacks		5090' 4 1/2'
6790-4775	Gel			
4775-4725	Cement	20 sacks		
4725-4270	Gel			
4270-4220	Cement	20 sacks		
4220-3660	Gel			
3660-3600	Cement	25 sacks		
3600-2360	Gel			
2360-2290	Cement	30 sacks		
2290-1660	Gel			

Drillers' Names Claron Dawson, Jim Temper; Dowell Engineer Allegheny Nuclear Services
Bertram Tong Service

Remarks:
1660-1600 Cement 25 sacks
1600-1470 Gel
1470-1430 Cement 15 sacks
1430-530 Gel
530-500 Cement 12 sacks
500-50 Gel
50-0 Cement 20 sacks

Plugged OK.

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I hereby certify I visited the above well on this date.

DATE

11-12-74
11-13-74
11-14-74
11-18-74



DISTRICT WELL INSPECTOR

03/03/2023

37-15
9-9-73



4704101914P

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Vadis

WELL RECORD 7

Oil or Gas Well Gas
(KIND)

Permit No. Low-1914

Company Allegheny Land & Mineral Co.
Address P.O. Box 1479 Clarksburg, W. Va.
Farm J.T. Lovett Acres 158
Location (waters) Dry Fork of Polk Creek
Well No. A-468 Elev. 1231
District Freemans Creek County Lewis
The surface of tract is owned in fee by John H. Kyer
733 W. 2nd Street Address Weston, Wv
Mineral rights are owned by William W. Lovett et al
3408 State Route 75 Address Shoals, WV

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	XXXXXXXXXX		Kind of Packer
13	22'	22'	- Not cemented
10	9-5/8" 1449'	1449'	Size of
8 1/4	(Cemented to surface)		Depth set
6 3/4			
5 3/16			
4 1/2	7227'	7227'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced May 30, 1973
Drilling completed June 14, 1973
Date Shot From To
With
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) June 28, 1973

Attach copy of cementing record.
CASING CEMENTED 4 1/2" SIZE 16 P7 No. FL 6-25-73 Date
Amount of cement used (bags) ~~XXXXXXXX~~ 700 bags
Name of Service Co. Dowall
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 185 M
ROCK PRESSURE AFTER TREATMENT 1875# HOURS 72
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Chert Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	36			
Red Rock			36	109			
Sand			109	158			
Sand & shale			158 115	215			
Sand			215	230			
Red Rock & shale			230	281			
Sand	White		281	347			
Red Rock & shale			347	460			
Sand	Gray		460	484			
Shale			484	500			
Sand	Gray	Hard	500	530			
Sand & shale			530	804			
Sand	White	hard	804	844			
Sand & shale			844	1025			
Sand	Gray	Med	1025	1187			
Shale			1187	1221			
Sand	White	hard	1221	1320			
Lime			1320	1360			
Red Rock & shale			1360	1427			
Pencil cave			1427	1447			
Big Lime			1447	1527			
Big Injun			1527	1666			
Shale			1666	2030			
Sand			2030	2045			
Shale			2045	2100			
Sand			2100	2180			
Shale			2180	2315			
Sand			2315	2342			

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DEPT. OF MINES

(over)

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Formation	Color	Hard or Soft	Top ?	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			2342	4070			
Benson Stringers			4070	4190			
Sandy shale			4190	4250			
Benson stringers			4250	4340			
Sandy shale			4340	4445			
Limo.			4445	4516			
Sandy shale			4516	6524			
Tulley Lime			6524	6565			
Shale			6565	5800.			
Sand			6800	7052			
Chert			7052	7152			
Shale			7152	7243			
Total depth				7243			

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Date August 9, 19 73

APPROVED Allegheny Land & Mineral Co. Owner

By Claron Dawson, Supt.
(Title)

03/03/2023

4704101914P

4704101914	Original Loc	Up Speechley	Well Record	2920	Reasonable	24	Reasonable	1231	Ground Level
4704101914	Original Loc	Speechley	Well Record	3023	Reasonable	21	Reasonable	1231	Ground Level
4704101914	Original Loc	Balloon	Well Record	3178	Reasonable	0	Qsirable Pkck	1231	Ground Level
4704101914	Original Loc	Benson	Well Record	4250	Reasonable	90	Reasonable	1231	Ground Level
4704101914	Original Loc	Benson	Well Record	4324	Reasonable	0	Qsirable Pkck	1231	Ground Level
4704101914	Original Loc	Diller's Tully	Well Record	6524	Reasonable	411	Reasonable	1231	Ground Level
4704101914	Original Loc	Huntersville Chert	Well Record	6800	Reasonable	222	Reasonable	1231	Ground Level
4704101914	Original Loc	Oriskany	Well Record	7052	Reasonable	100	Reasonable	1231	Ground Level
4704101914	Original Loc	Heiderberg	Well Record	7152	Reasonable	0	Qsirable Pkck	1231	Ground Level

Wireline (E-Log) Information:

API	LOG_TOP	LOG_BOT	DEEPEST_FMI	LOGS_AVAL	SCAN	GR_TOP	GR_BOT	D_TOP	D_BOT	N_TOP	N_BOT	I_TOP	I_BOT	T_TOP	T_BOT	S_TOP	S_BOT	O_TOP	O_BOT	INCH2	INCH5	REDUCED	KOP	LOGMD	ELEV_KB	ELEV_GL	ELEV_DF	LOG_MSRD	FROM	
4704101914	1450	7260	G.D.I.T.C.	Y	Y	1450	7250	1450	7250	1452	7255	1453	7254	5487	7270	1496	7285	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Scanned/Paper Log Information:

API	LOG_TOP	LOG_BOT	LOGS_AVAL	DIGITIZED	GR_TOP	GR_BOT	D_TOP	D_BOT	N_TOP	N_BOT	I_TOP	I_BOT	T_TOP	T_BOT	S_TOP	S_BOT	E_TOP	E_BOT	O_TOP	O_BOT	KOP	LOGMD	ELEV_KB	ELEV_GL	ELEV_DF	LOG_MSRD	FROM			
4704101914	1450	7260	G.D.I.T.C.	Y	1450	7250	1450	7250	1459.5	7053.5	5498.5	7260																		

Digitized Log Information:

API	LOG_TOP	LOG_BOT	LOGS_AVAL	DIGITIZED	GR_TOP	GR_BOT	D_TOP	D_BOT	N_TOP	N_BOT	I_TOP	I_BOT	T_TOP	T_BOT	S_TOP	S_BOT	E_TOP	E_BOT	O_TOP	O_BOT	KOP	LOGMD	ELEV_KB	ELEV_GL	ELEV_DF	LOG_MSRD	FROM			
4704101914	1450	7260	G.D.I.T.C.	Y	1450	7250	1450	7250	1459.5	7053.5	5498.5	7260																		

Downloadable Log Images/Data:

We advise you to save the scanned log or digitized log file(s) to your PC for viewing. To do so, right-click the file of interest and select the save option. Then you can direct the file to a location of your choice. Please note the scanned log images vary in size and some may take several minutes to download.

Quick Reference Guide for Log File Names:

For more info about WVGES scanned logs click [here](#)

geologic log types:

- d density (includes bulk density, compensated density, density porosity, grain density, matrix density, etc.)
- e photoelectric adsorption (PE or Pe, etc.)
- g gamma ray
- i induction (includes dual induction, medium induction, deep induction, etc.)
- l laterolog
- m dipmeter
- n neutron (includes neutron porosity, sidewall neutron--SWN, etc.)
- o other¹
- s sonic or velocity
- t temperature (includes borehole temperature, BHT, differential temperature, etc.)
- z spontaneous potential or potential

mechanical log types:

- b cement bond
- c caliper
- o other¹
- p perforation depth control or perforate

¹ other logs may include, but are not limited to, such curves as audio, bit size, CCL--casing collar locator, continuous meter, directional survey, gas detector, guard, NCTL--Nuclear Cement Top Locator, radioactive tracer, tension

FILENAME	4704101914d9c.tif
FILENAME	4704101914d9d.tif
FILENAME	4704101914d9e.tif
FILENAME	4704101914d9f.tif
FILENAME	4704101914d9g.tif
FILENAME	4704101914a.tif

API	PLG_DT	DEPTH_PRT
4704101914	11/8/1974	0

Plugging Information:
There is no Sample data for this well

03/03/2023

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WV Department of
Environmental Protection

WW-4A
Revised 6-07

1) Date: January 19, 2023
2) Operator's Well Number
Lovett A-488

3) API Well No.: 47 - 041 - 01914

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

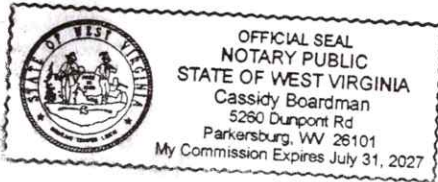
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Roger & Coleen Myers</u>	Name <u>NA</u>
Address <u>913 Jay Court</u>	Address _____
<u>Glen Burne, MD 21061</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>NA</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Ken Greynolds</u>	(c) Coal Lessee with Declaration
Address <u>613 Broad Run Road</u>	Name <u>NA</u>
<u>Jane Lew, WV 26378</u>	Address _____
Telephone <u>304-206-6613</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.



Well Operator HG Energy II Appalachia, LLC

By: Diane White *Diane White*

Its: Agent

Address 5260 Dupont Road

Parkersburg, WV 26101

Telephone 304-420-1119

RECEIVED
Office Of Oil and Gas
FEB 1 2023

Subscribed and sworn before me this 19th day of JANUARY 2023
Cassidy Boardman Notary Public
My Commission Expires 7/31/2027

WV Department of Environmental Protection

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 depprivacyoffier@wv.gov.

03/03/2023



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

4704101914P

January 19, 2023

Rodger & Coleen Myers
913 Jay Court
Glen Burne, MD 21061

RE: J. T. Lovett A-488 (47-041-01914)
Freemans Creek District, Lewis County
West Virginia

Dear Landowner:

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 (plugging) 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 call this office at (304) 420-1119.

Very truly yours,

Diane White

Diane White

Enclosures

cc - Ken Greynolds – WV DEP State Inspector

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7019 1640 0000 3830 3513

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JTL 8517

Sent To Rodger & Coleen Myers
 Street and Apt. No., or PO Box No. 913 Jay Court
 City, State, ZIP+4® Glen Burne MD 21061

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

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WV Department of
Environmental Protection

03/03/2023

SURFACE OWNER WAIVER

Operator's Well
Number

Lovett A-488

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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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 **03/03/2023**

4704101914P

WW-9
(5/16)

API Number 47 - 041 - 01914
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) Dry Fork Quadrangle Camden

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: NA

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 No fluids or waste is anticipated. Any well effluent found will be disposed of at an authorized disposal site. _____)

Will closed loop system be used? If so, describe: No

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. If any, remove to approved offsite disposal

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

-Landfill or offsite name/permit number? NA

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

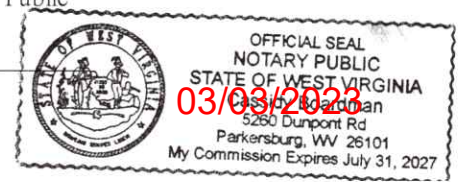
Company Official Title Agent

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WV Department of
Environmental Protection

Subscribed and sworn before me this 19th day of JANUARY, 20 23

Candice Beach Notary Public

My commission expires 7/31/2027



Form WW-9

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed .5 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
Latino Clover	5	Latino Clover	5

**** Sediment Control Will Be In Place 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: Kenneth Greynolds

Digital signed by Kenneth Greynolds
DN: cn=Kenneth Greynolds email=K.Greynolds@wv.gov, c=US, ou=DEP, ou=Oil and Gas
Date: 2023.01.27 12:45:01 -0500

Comments: _____

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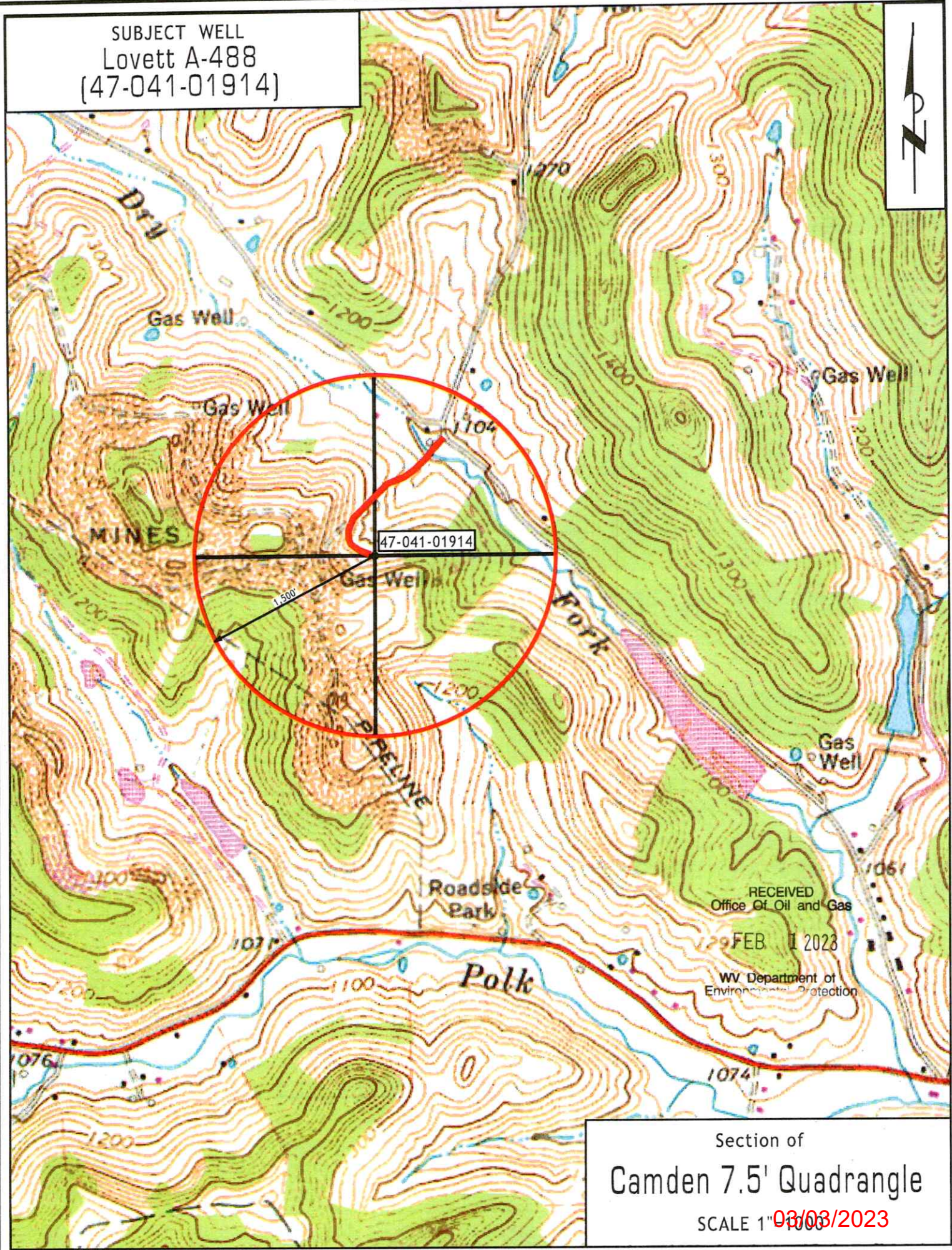
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Title: _____ Date: _____

Field Reviewed? () Yes () No

SUBJECT WELL
Lovett A-488
(47-041-01914)



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WV Department of
Environmental Protection

Section of
Camden 7.5' Quadrangle

SCALE 1" = 100' 03/03/2023

West Virginia Department of Environmental Protection
Office of Oil & Gas

WELL LOCATION FORM: GPS

API: 47- 041 - 01914 WELL NO: A-488

FARM NAME: JT Lovett

RESPONSIBLE PARTY NAME: HG Energy, LLC

COUNTY: Lewis DISTRICT: Freemans Creek

QUADRANGLE: Camden 7.5'

SURFACE OWNER: Rodger & Coleen Myers

ROYALTY OWNER: HG Energy, LLC et al.

UTM GPS NORTHING: 4,323,546

UTM GPS EASTING: 538,999 GPS ELEVATION: 375 m. (1230')

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil & Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone:17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method:

Survey Grade GPS Post Processed Differential
Real-Time Differential

Mapping Grade GPS Post Processed Differential
Real-Time Differential

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Environmental Protection

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Diane White Diane C. White
Signature

Designated Agent
Title

December 28, 2022
Date



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

4704101914P

January 19, 2023

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

RE: J. T. Lovett A-488 (47-041-01914)
Freemans Creek District, Lewis County
West Virginia

Dear Mr. McLaughlin:

Enclosed are Forms WW-4(A), WW-4(B), WW-9, WW-7, OP-77-A, topo map, well record and copy of certified mailing receipt for a plugging application. This well was plugged in 1974. As a part of an Area Review in preparation for the Scranage 1204 drilling program the well will be replugged to avoid any possible communication with the 1204 wells. The well is being added to HG's bond for the duration of the plugging activity.

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

Yours Truly,

Diane White

Diane White

Enclosures

cc: Rodger & Coleen Myers – Certified
Ken Greynolds – WV DEP State Inspector

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Office Of Oil and Gas

FEB 1 2023

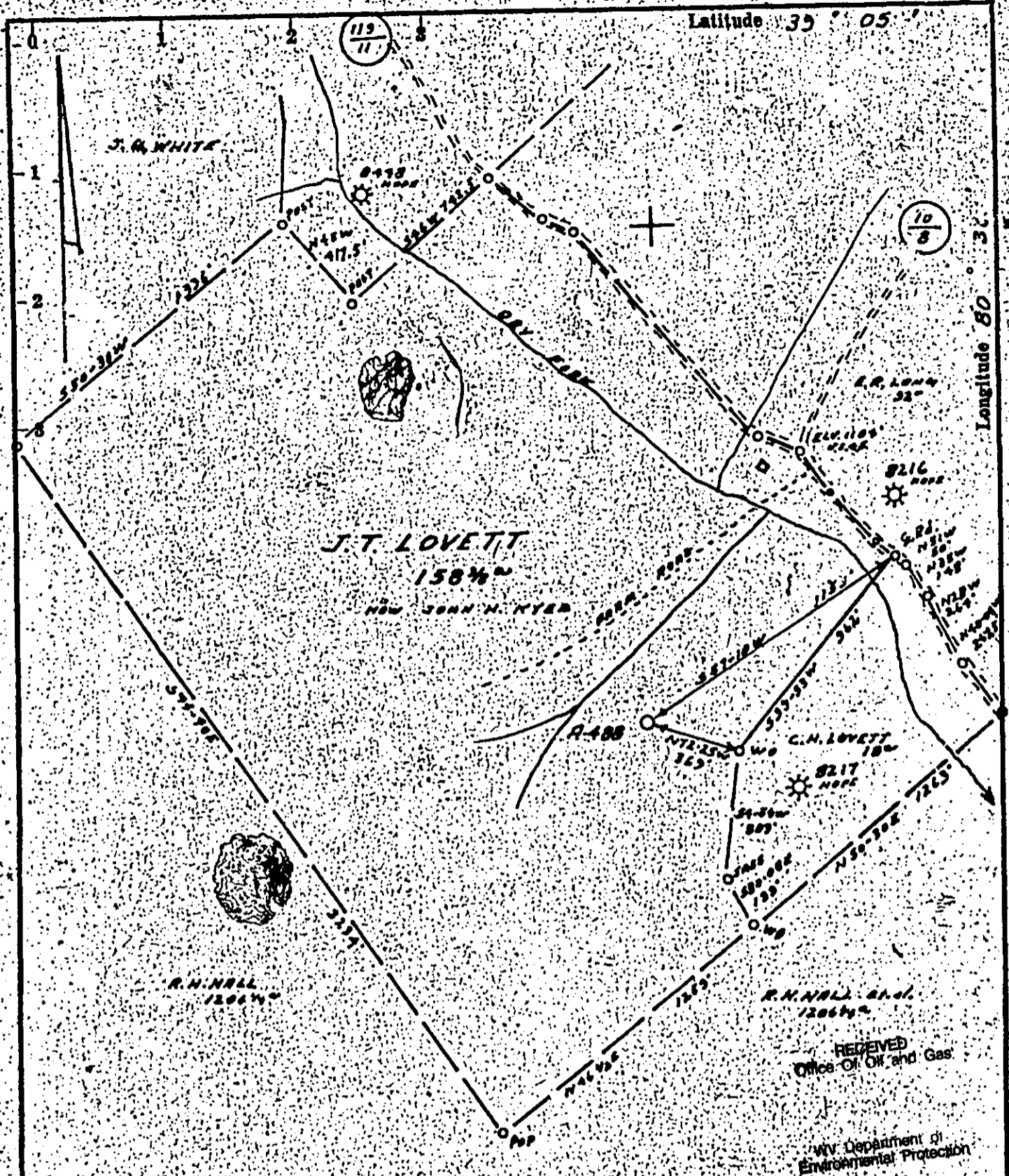
WV Department of
Environmental Protection

03/03/2023

4704101914P5/7/73CEN

Latitude 39° 05'

Longitude 80° 32'



- Fracture...
- Redrill...
- ~~New Location~~
- Drill Deeper...
- Abandonment... -10-29-74

Source of Elevation R.R.D. P.M., ELY 1103 N.E.S.

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Minimum accuracy, one part in 200

Company ALLEGHENY LANDS MINERAL CO.
 Address CLARKSBURG, W.VA. 26301
 Farm J.T. LOVETT
 Tract Acres 158 1/2 Lease No. _____
 Well (Farm) No. _____ Serial No. A-488
 Elevation (Spirit Level) 1231
 Quadrangle VADIS SE 4
 County LEWIS District FREEMANS CK.
 Engineer R. J. DeWitt
 Engineer's Registration No. 105 L.L.S.
 File No. 221/144 Drawing No. _____
 Date 2-19-73 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. LEW-1914-P

03/03/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-041



Kennedy, James P <james.p.kennedy@wv.gov>

Plugging permit issued 4704101914

1 message

Kennedy, James P <james.p.kennedy@wv.gov>

Tue, Feb 28, 2023 at 1:10 PM

To: Diane White <dwhite@hgenergyllc.com>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, jbreen@assessor.state.wv.us

To whom it may concern, a plugging permit has been issued for 4704101914.

James Kennedy

WVDEP OOG

2 attachments



IR-8 4704101914.pdf

120K



4704101914.pdf

3570K

03/03/2023