

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 1, 2022 WELL WORK PLUGGING PERMIT Vertical Plugging

CLEM ENERGY LLC 88 TURNOUT RD. WESTON, WV 26452

Re: Permit approval for 910456 47-041-01866-00-00

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.

Operator's Well Number: 910456

Farm Name: JUPITER HOLLOW, INC.

Chief

U.S. WELL NUMBER: 47-041-01866-00-00

Vertical Plugging Date Issued: 2/1/2022



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.

WW-4B Rev. 2/01

1) Date Dece	ember 15	,	20 21	
2) Operator				
Well No.	F M McKinley A-48	56		_
31API Well	No. 47-041		- 01866	

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

		AND THE RESERVE AND THE PARTY OF THE PARTY O
	APPLICATION FOR A PER	MIT TO PLUG AND ABANDON
4)	Well Type: Oil/ Gas _X/ Liqui	d injection/ Waste disposal/
		derground storage) Deep/ Shallow X
		200
5)	Location: Elevation 1375'	Watershed Rush Run
	District Freemans Creek	County Lewis Quadrangle Camden
		01 1 01
6)	Well Operator Clem Energy, LLC	7) Designated Agent Chuck Clem
	Address 88 Turnout Road	Address 88 Turnout Road
	Weston, WV 26452	Weston, WV 26452
	*	fig. consequences and the
8)	Cama Mount	9) Plugging Contractor Name To be Determined Upon Issuance of Permit
	Name Sam Ward	
	Address P. O. Box 2327	Address
	Buckhannon, WV 26201	
	** See Attached Plu A CEMENT PLUCS MUST BE CLASS A CEMEN GEL PLUGS MUST FILL ALL SPACES B GEL DEFINITION IS FRESH WATER A COURT COME @ 646-650	T WITH NO MORETHAN 3% Ca Cl2 SETWEEN PLUGS. WITH AT LEAST G% BENTONITE, BY WEIGHT, RECEIVED Office of Oil and Gas
		JAN 2 1 2022
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47-041-01866

Farm

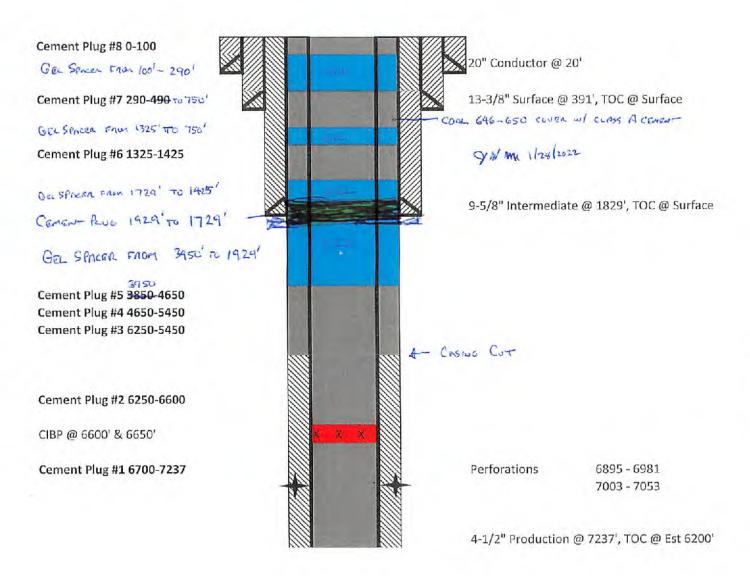
F. N. McKinley

Well#

A-456

County

Lewis, WV



PLUGGING PROCEDURE

- 1 Clean Out to TD w/ Tricone
- 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, Set 2 CIBP's w/ WL
- 6 Run CBL to Determine TOC on 4.5" Casing
- 7 TIH, Set Cement Plug #2 (Balanced Plug), TOOH
- 8 Free Point, Cut and Recover 4-1/2" Casing
- 9 Set Cement Plug #3 (Balanced Plug), TOOH
- 10 Set Cement Plug #4 (Balanced Plug), TOOH
- 11 Set Cement Plug #5 (Balanced Plug), TOOH
- 12 Tag TOC
- 13 Set Cement Plug #6 (Balanced Plug), TOOH
- 14 Tag TOC
- 15 TIH, Set Cement Plug #7 (Balanced Plug), TOOH
- 16 Set Cement Plug #8 (Balanced Plug), TOOH
- 17 Install Monument

Office of Oil and Gas

JAN 2 1 2022

WV Department of Environmental Protection

50w 1/13/2022

47041018669

OG-10 Kev. - 9-71





STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division RECORD3 WELL

Vadis SE 2 4 Quadrangle_ 41.12

Rotary X	Oil
Cable	Gas Z WEELE
Recycling	Comb.
Water Flood	Storage
Disposal	(Kind)

Company Allagren N. Ve. Address Clarksburg, W. Ve. Fam F. M. McKinley Acres 113 Location (waters) Well No. A-1.56 DistrictFreerans Creek County Lewis Cond. 20" 201 201 Ce DistrictFreerans Creek County Lewis Cond. 20" 391! 391! Go The surface of tract is owned in fee by Jchn S. Watson ot ux 9.5/8 1829! 1829! 76 Address 210 F. 2nd St. Woston, W. Va. 8.5/8 Mineral rights are owned by Aldo Starcher et al. 7 Route 3 Address Weston, W. Va. 5 1/2 Drilling Commenced Aug. 21, 1972 4 1/2 7237! 7237! Co. 11 Drilling Completed Sopt. 12, 1972 3 Initial open flow cu. ft. bbls. Final production cu. ft. per day bbls. Final production cu. ft. per day bbls. Well open brs. before test RP. Well treatment details: 'reactured by Mell's bureton 9-20-72 Tabling Condition of the forest of the per day bls. Attach copy of cementing record. Office of the per day bls. Attach copy of cementing record. Attach copy of cementing record. JAN Attach copy of cementing record. Final production of the per day bls. Cond. 20" 201 201 Ce. Cond. 20" 201 201 Ce. The billing Drilling in Well Carrier and Size Cond. 20" 201 Ce. The billing Condition of the per day bbls. Cond. 20" 201 201 Ce. The billing Condition of the per day bbls. Cond. 20" 201 201 Ce. The billing Condition of the per day bbls. Cond. 20" 201 201 Ce. The billing Condition of the per day bls. The billing Condition of the per day bbls. The billing Condition of the per day bbls. The billing Condition of the per day bbls. Attach copy of cementing record. Figure Condition of the per day bbls. The billing Condition of th	ment to sument of sument of
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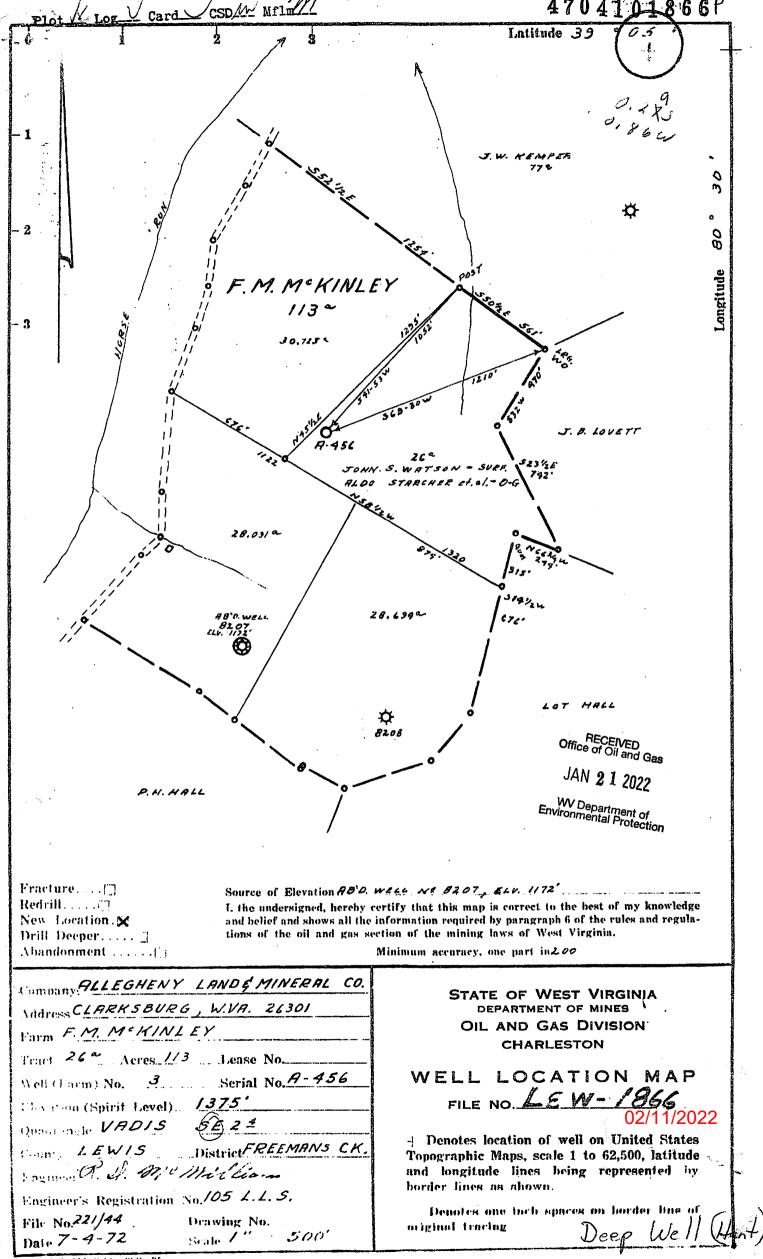
^{*} Indicates Electric Log tops in the remarks section.

Formation Color	Hard or Soft	Top Feet 3	Bottom Feet	Oil, Gas or Water * Remarks
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Date September 21, 19 72

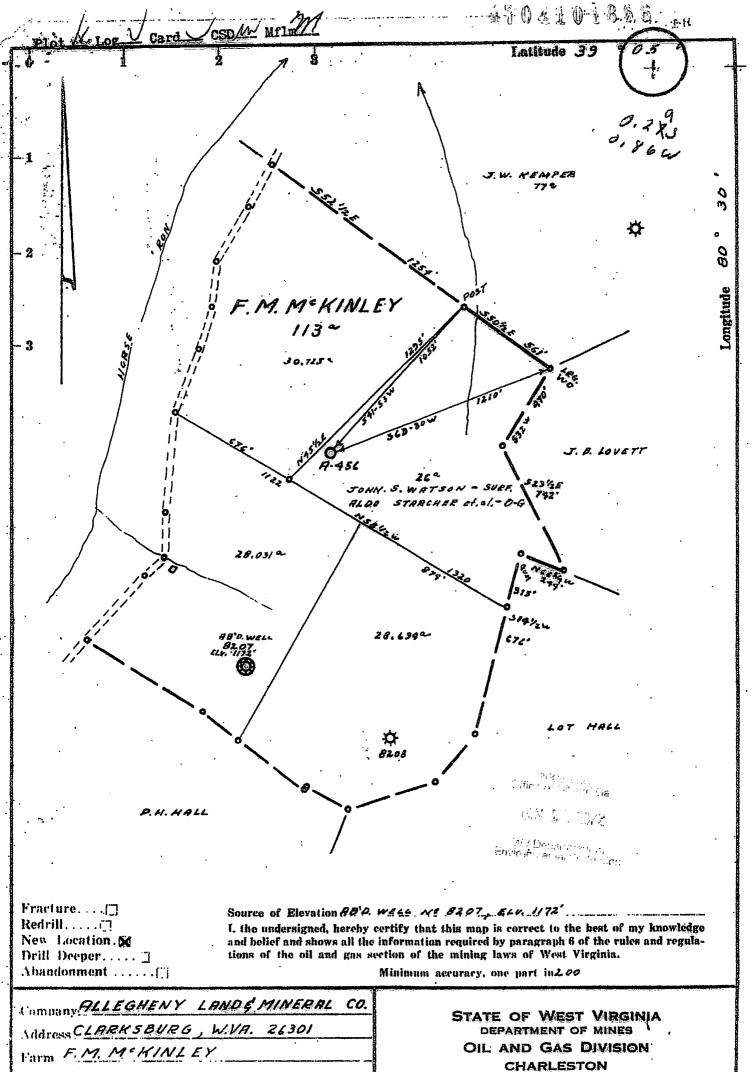
APPROVEDAllogheny Land . Min 92411/2022

By Claron Dawson, Supt. (Title)



5-5 Murphy Creek- Freemansburg (150)

JUL 17 1972



Company PLIEGHENY LAND & MINERAL CO.

Address CLARKS BURG, W.VA. 26301

Farm F. M. Mc KINLEY

Tract 26 Acres 1/3 Lease No.

Well Clarm) No. 3 Serial No. A-456

Charmon (Spirit Level) 1375

Quadrangle VADIS & 24

County LEWIS District FREEMANS CK.

Engineer's Registration No. 105 L.L.S.

File No. 221/44 Deawing No.

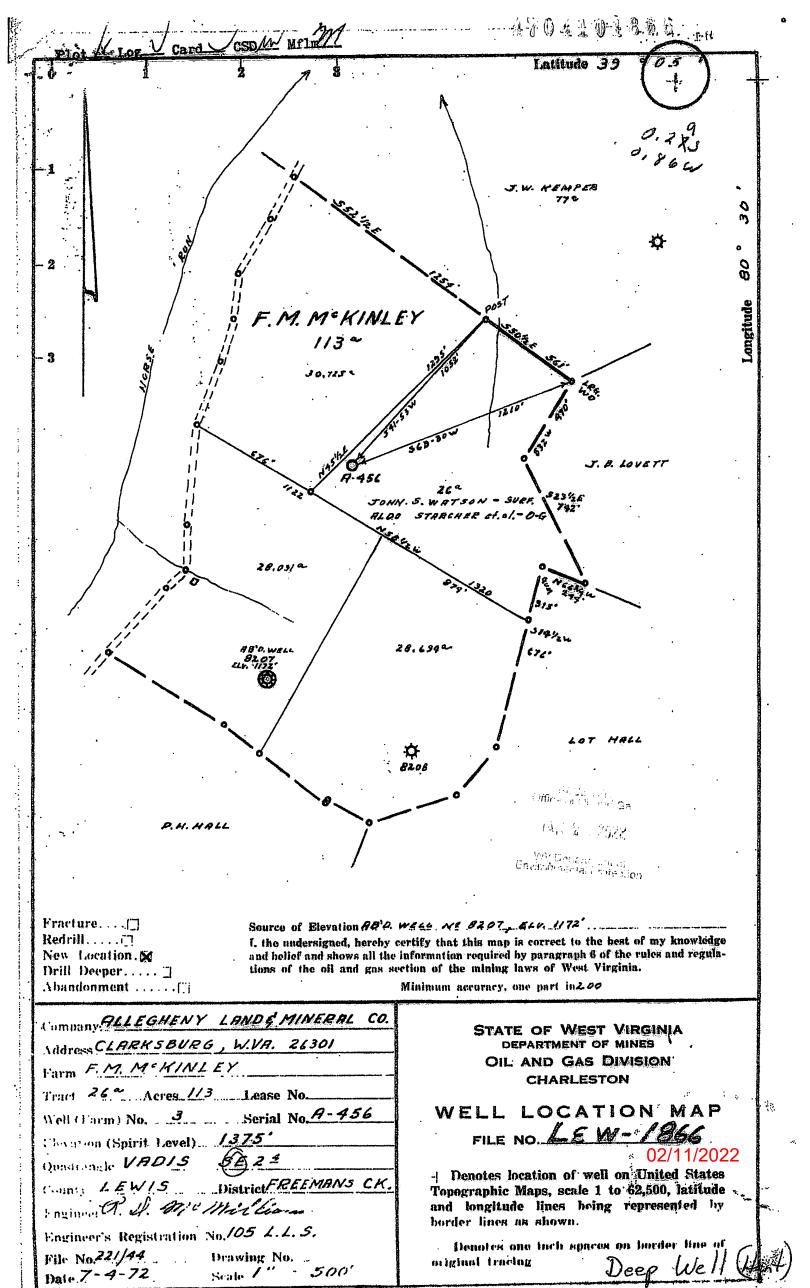
Date 7-4-72 Scale 1" 500'

FILE NO. LE W-1866

- 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 tuch spaces on border line of mighan tracing Deep Well

5-5 Murphy Creek- Freemansburg (150) JUL 17 1972



5-5 Murphy Creek- Freemansburg (150)

9) JUL 17 1972

WW-4A Revised 6-07

1) Date: Dec	ember 15, 2021		
2) Operator's Well F M McKinley A-458	Number		
3) API Well No.: 47	- 041	D1866	

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

	NOTICE	OF APPLICATION	N TO PLUG AN	ND ABANDON A WELL
4) Surface Ow	vner(s) to be served	: 5) (a	a) Coal Operator	r
(a) Name	Patricia & Joel Harris		Name	NA
Address	2520 Keith Fork Road		Address	
	Weston, WV 25462		-	
(b) Name				vner(s) with Declaration
Address			Name	NA
	-		Address	-
(c) Name			Name	·
Address			Address	
Hadress	-		÷	
6) Inspector	Sam Ward		(c) Coal Le	ssee with Declaration
Address	P. O. Box 2327		Name	NA
	Buckhannon, WV 2	6201	Address	
Telephone	304-389-7583			
However, Take notic accompan Protection the Applic	you are not required to take ce that under Chapter 22-6 tying documents for a perm with respect to the well a	e any action at all. of the West Virginia Code it to plug and abandon a w at the location described on been mailed by registered of	t, the undersigned well the with the Chief of the the attached Applicate or certified mail or de	cation which are summarized in the instructions on the reverses side. I operator proposes to file or has filed this Notice and Application and the Office of Oil and Gas, West Virginia Department of Environmental tion and depicted on the attached Form WW-6. Copies of this Notice, elivered by hand to the person(s) named above (or by publication in
				RECEIVED
Service Contract		Well Operator	Clem Energy, LLC	Office of Oil and Gas
OF OF	FICIAL SEAL	By:	Charles Clem	JAN 2 1 2022
STATE C	DF WEST VIRGINIA TARY PUBLIC	Its:	Owner	
()	acy Harbert	Address	88 Turnout Road	WV Department of Environmental Protection
	Jane Lew, WV 26378 January 22, 2025		Weston, WV 26452	
		Telephone	304-695-0298	
Subscribed and Ra	d sworn before me to	this 6th da	y of <u>Janu</u> 2025	vary 2022Notary Public
		y de l		
Oil and Gas Priv	acy 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.

EIPT	at www.usps.com	0461 10	Postmark Here	00000 / 5/ 50	FMMA456 PA		26452	See Reverse for Instructions
U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	Neation WW 26432 A L USE	Certified Mail Fee \$3 a 75 s 2 D Extra Services & Fees (shock box, add fee of \$4 D Extra Services & Fees (shock box, add fee of \$4 D Extra Services Americans)	Return Receipt (electronic) \$\frac{40_000}{40_000} \] Corrilled Mail Restricted Delivery \$\frac{40_000}{40_000} \] Adult Signature Required \$\frac{40_000}{40_000} \] Adult Signature Restricted Delivery \$\frac{40_0000}{40_000} \]	Postage \$1.76	Total Postage and Fees \$	Sont To Patricia & Jeel Harris	Street and Act. No. or PO Box No. 125 20 Keith Fork Road City, State, 21948 Westen W. 25462 26	PS Form 3800, April 2015 PSN 7530-02-000-9047

RECEIVED Office of Oil and Gas

JAN 2 1 2022

WV Department of Environmental Protection



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

January 14, 2022

Patricia & Joel Harris 2520 Keith Fork Road Weston, WV 25462

RE:

F. M. McKinley A-456 (47-041-01866) 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

Office of Oil and Gas

JAN 21 2022

WW Department of Environmental Protection

SURFACE OWNER WAIVER

Operator's Well Number

F M McKinlev A-456

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

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 RECEIVED
Office of Oil and Gas 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;

JAN 2 1 2022

The proposed well work tails to protect tresh water sources or supplies; WV Department of

The applicant has committed a substantial violation of a previous permit or a Eulissian cital 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 o	bjection to the	planned work	described in	these materials,	and I have no
objection to a permit being issued on thos					
FOR EXECUTION BY A NATURAL PE	RSON		FOR EXEC	CUTION BY A CC	DRPORATION,
ETC.					
					•
	Date	Name _			
Signature		By			
		Its			Date
		_			

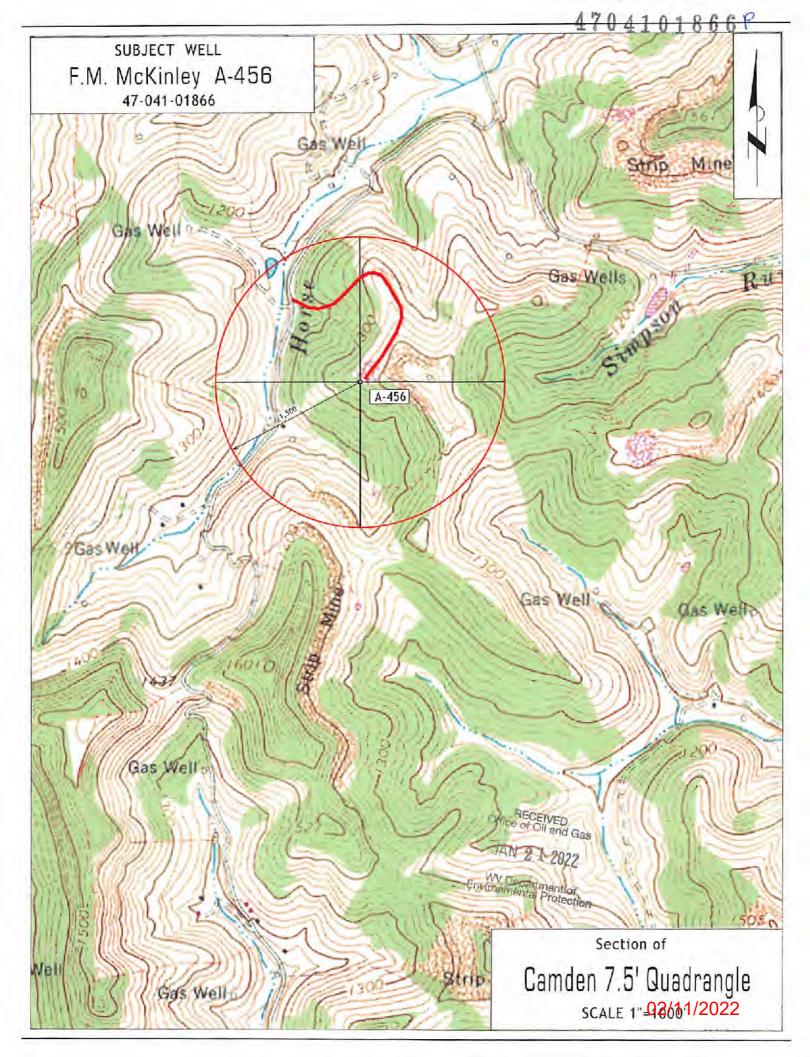
WW-9 (5/16)

API Num	ber 47 -	041	_ 01866	
Operator'	s Well No			

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

Operator Name Clem Energy, LLC	OP Code 494517830
	Quadrangle Camden
Do you anticipate using more than 5,000 bbls of wa	X .
If so, please describe anticipated pit waste:	
Will a synthetic liner be used in the pit? You	es No V If so, what ml.?
Proposed Disposal Method For Treated Pit	Wastes:
	ected provide a completed form WW-9-GPP)
Underground Injection (Reuse (at API Number	UIC Permit Number)
Off Site Disposal (Suppl	ly form WW-9 for disposal location) r wastes anticipated, any well affluent will be contained until disposed of at an approved disposal site
Will closed loop system be used? If so, describe: _	No
Drilling medium anticipated for this well (vertical a	and horizontal)? Air, freshwater, oil based, etc. NA
-If oil based, what type? Synthetic, petrole	rum, ete, NA
Additives to be used in drilling medium? NA	
Drill cuttings disposal method? Leave in pit, landfil	II, removed offsite, etc. If any; remove off site to approved disposal site
-If left in pit and plan to solidify what med	ium will be used? (cement, lime, sawdust) NA
-Landfill or offsite name/permit number?	
Colored to the processing of the second	
	of Oil and Gas of any load of drill cuttings or associated wasterejected at any be provided within 24 hours of rejection and the permittee shall also disclose
on April 1, 2016, by the Office of Oil and Gas of the provisions of the permit are enforceable by law. Victor regulation can lead to enforcement action. I certify under penalty of law that I have application form and all attachments thereto and that	Office of Oil and Gas
Company Official (Typed Name) Charles W	21ens JAN 2 I 2022
Company Official Title Owner	WV Department of Environmental Protection
Subscribed and sworn before me this 6th	day of January , 20 22
Sacy Harbert	Notary Public OFFICIAL SEAL STATE OF WEST VIRGI
My commission expires January 2.	M PICTURE CONTRACTOR OF THE PROPERTY OF THE PR

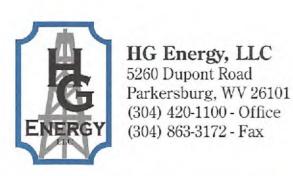
Proposed Revegetation Treatm	ment: Acres Disturbed .5	acre Prevegetation p	Η
Lime	3 Tons/acre or to correct t	o pH6.5	
Fertilizer type 10	0/20/20		
Fertilizer amount	500	lbs/acre	
Mulch_ Strav	v . 2 ₁	Tons/acre	
		Seed Mixtures	
Ter	mporary	Perma	enent
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Latino Clover	5	Latino Clover	5
Attach: Maps(s) of road, location, pit provided). If water from the p (L, W), and area in acres, of	pit will be land applied, prov the land application area.	All Times ** application (unless engineered plans include water volume, include dimensions (L.	ding this info have been W, D) of the pit, and d
Attach: Maps(s) of road, location, pit provided). If water from the p (L, W), and area in acres, of the photocopied section of involved.	and proposed area for land a pit will be land applied, prov the land application area.	application (unless engineered plans inclu	ding this info have been, W, D) of the pit, and d
Attach: Maps(s) of road, location, pit provided). If water from the p (L, W), and area in acres, of the Photocopied section of involved Plan Approved by:	and proposed area for land a pit will be land applied, prov the land application area.	application (unless engineered plans inclu	iding this info have been W, D) of the pit, and d
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Attach:	and proposed area for land a pit will be land applied, prov the land application area.	application (unless engineered plans inclu	, W, D) of the pit, and d



West Virginia Department of Environmental Protection Office of Oil & Gas

WELL LOCATION FORM: GPS

API: 47- 0	41 - 01866	WELL NO:	A-456
FARM NAME: F	.M. McKinley		
RESPONSIBLE PARTY NA	ME: Clem Energy, LLC		
COUNTY: L	ewis	DISTRICT:	Freemans Creek
QUADRANGLE:	Camden 7.5'		
SURFACE OWNER:	Patricia & Joel Harris		
ROYALTY OWNER:			
UTM GPS NORTHING: _	4,325,637	_	4440/
UTM GPS EASTING:	541,828	GPS ELEVATION:	1371' 418 m.
height above	1983, Zone:17 North, Coordinate mean sea level (MSL) - meters. Datum - 3.05 meters on Method:		
Survey Grade GPS		Office of Oil an	b
Mapping Grade G	PS X Post Processed Differential Real-Time Differential	X JAN 2 1 20 Wy Department of my knowledge and	122
지나 보는 것이 되었다. 이 경우를 살아 보고 있는 것이 되었다.	tify this data is correct to the best of	Control of the Contro	ection
prescribed by the Office of O	mation required by law and the regulication and Gas.	alations issued and	Ú-
Charle wa		owner	
Signature		Title	
I/04/zoz/ Date			



January 14, 2022

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

RECEIVED Office of Oil and Gas

JAN 2 1 2022

WV Department of Environmental Protection

RE:

F. M. McKinley A-456 (47-041-01866)

Freemans Creek District, Lewis County

West Virginia

Dear Mr. McLaughlin:

Enclosed are Forms WW-4(A), WW-4(B), WW-9, WW-7, topo map, well record and copy of certified mailing receipt for a plugging application for Clem Energy, LLC.

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

Enclosures

cc:

Patricia & Joel Harris - Certified

Sam Ward - Inspector



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Plugging Vertical Well Work Permit API: 47-041-01866)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Wed, Feb 2, 2022 at 7:28 AM

To: Diane White dwhite@hgenergyllc.com, John Breen jbenem@assessor.state.wv.us, "Ward, Samuel D" samuel.d.ward@wv.gov

For Clem Energy

I have attached a copy of the newly issued well permit number. This will serve as your copy.

If you have any questions, then please contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry **Environmental Resource Specialist 3 West Virginia Department of Environmental Protection** Office of Oil & Gas 601 57th St. SE Charleston, WV 25304 (304) 926-0499 ext. 41115 (304) 926-0452 fax Wade.A.Stansberry@wv.gov

2 attachments

