

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, April 4, 2023 WELL WORK PLUGGING PERMIT Not Available Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for Hamner 1 47-097-03864-00-00

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:

Farm Name: Paul Hamner

U.S. WELL NUMBER: 47-097-03864-00-00

Not Available Plugging Date Issued: 4/4/2023

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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

CONDITIONS

- 1. 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.
- 2. Well work activities shall not constitute a hazard to the safety of persons.

WW-4B Rev. 2/01

1) Date Nov 28	20 22
2)Operator's	
Well No. Hamner 1	_
3) APT Well No. 47-097	- 03864

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

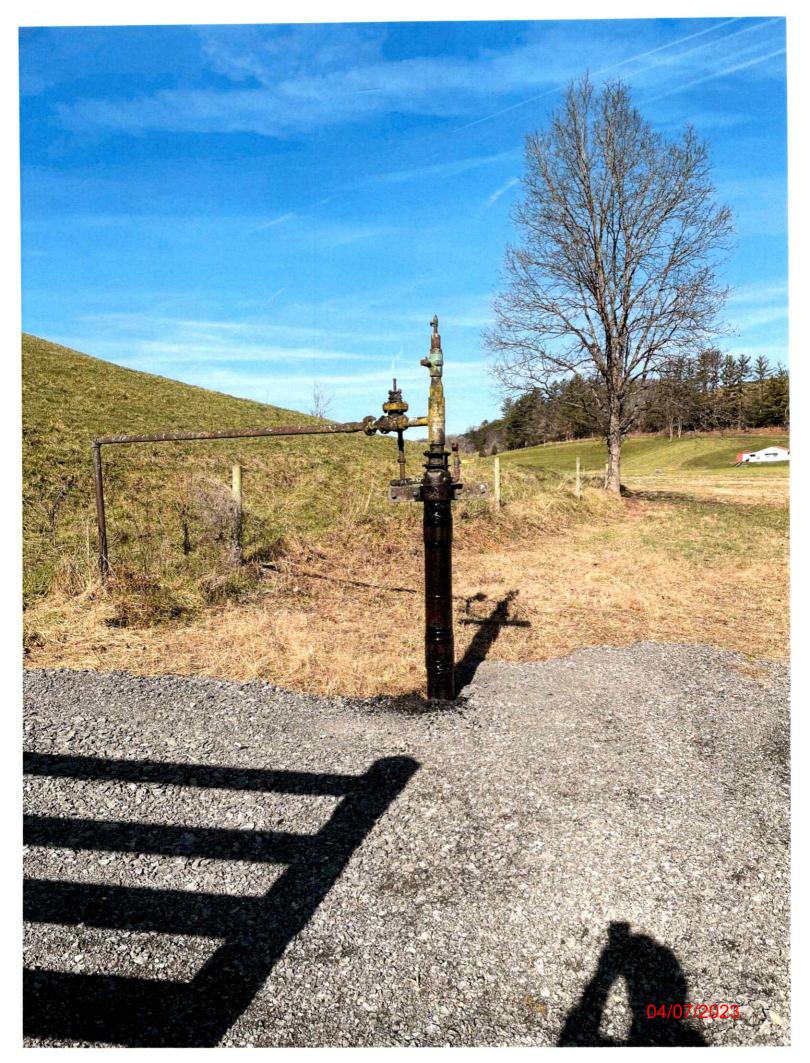
4)	Well Type: Oil/ Gas X/ Liquid (If "Gas, Production or Und				
5)	Location: Elevation 1457' District Meade	Watershed Slab Camp County Upshur			ver
6)	Well Operator Address DEP Paid Plugging Contract 601 57th St. Charleston, WV 25304	7)Designated Ager Addre	_{ss} 601 <u>57</u> 1	Harmon th St. ston, WV 25304	<u> </u>
8)	Oil and Gas Inspector to be notified Name Bryan Harris Address P.O.Box 157 Volga, WV 26238	9)Plugging Contro Name Address			<u>—</u>
10)	Work Order: The work order for the mannesee Plugging Project: 47097038			s as follows:	
	fication must be given to the district of can commence.	.l and gas inspecto	or 24 hou:	rs before permitt	.ed
Work	order approved by inspector <u>Bryan Warris</u>		Date	Nov 28, 2022	

HULL PACKAGE 4709700764 Hamner 1

V. REMEDIATION AND/OR PLUGGING WORK PLAN

Notify Inspector Specialist, Bryan Harris @ 304-553-6087. Notification is required 24 hrs prior to commencing plugging operations

- 1. Move in rig up to 6 5/8" casing. Pull 2" tubing.
- 2. Pull 4 1/2" casing.
- 3. Gel hole to 1000', Set cement plug 4040' 3840'. Pull work string, WOC. Tag plug, add cement if needed.
- 4. Set cement plug 3050' 2950'. WOC. Tag plug.
- 5. Run Bond Log.
- 6. Pull 6 5/8" casing. Set cement plug 2200 1900' Tag plug, add cement if needed.
- 7. Set cement plug 1600' 1500'. WOC, tag plug.
- 8. Pull 8 1/4" casing, set cement plug from 1500' to 1300'. WOC.
- 9. Pull 10" casing. Set cement plug from 600' to 300'. WOC.
- 10. Pull 13" casing.
- 11. Set cement plug from 200' to surface.
- 12. Set monument. Reclaim
- 13 NOTE.. Any casing found in the well with out cement in the annulus that cannot be retrieved must be perforated and cement at all saltwater, freshwater, coal, oil, gas, casing shoe and elevation points.
- 14. Class A or Class L cement required.







HULL PACKAGE 4709703864 Hamner 1

Well detail:

6 5/8" casing with 2" tubing visible at surface.

2" production line connected to well.

No production equipment or tank.

Well leaking gas and oil at surface.

Production and intermediate casing deteriorated.

Landowner wrapped tape around casing to deter leak.

Elev. 1457'

No records available for this well. Pre-1929

Offset Records for 9700764 show:

- 1432' Elev 13" - 57' 10" - 534' 8 1/4" - 1425' 6 5/8" - 2069' 4 1/2" - 4008 Coal @ 44', 79', 330', 420'

Water @ 103', 160', 394' Gas show @ 1520', 1540', 1560'

Salt water @ 1565'

Gas show @ 1990', 2155', 3021', 3898'

TD @ 4040'

Site-based considerations:

Well located in a farmers field 200+ yds from Slab Camp Fork of French Creek of Buckhannon River.

Approximately 350 yds off Slab Camp Road.

Well sets within a fenced in corner separating fields.

Gates and fence will need to be removed temporarily for plugging operations.

Gates and fence will need to be reinstalled for final reclamation.

Access road will need to be maintained thru farmers field.

Additional E & S structures as needed.

WW-4A Revised 6-07

2) Operator's Well Number	_
2) Operator's Well Indinser	
Hamner 1	_

3) API Well No.: 47 -

097 - 3864

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

	er(s) to be served:	5) (a) Coal Operator	
(a) Name	Paul Hamner		_ Name	NA
Address	1997 Slab Camp Rd		_ Address	
	French Creek, WV. 26	5218	- 4.6.10	
(b) Name			UNIVORU ALIAN SCHOOL CARE CONST	ner(s) with Declaration
Address			Name	Colerider Family Revocable Trust
			Address	1375 Feather Sound, Rockledge, FL. 32955
(c) Name			Name	
Address			Address	
6) Inspector	Bryan Harris		(c) Coal Less	see with Declaration
Address	P.O.Box 157		Name	Na
Address	Volga, WV 26238		- Address	100
Telephone	304-553-6087		_ nutress	
relephone	001 000 0001			
well it (2) The pl The reason y However, yo Take notice accompanyir Protection, w the Applicat	and the plugging work lat (surveyor's map) show you received these document u are not required to take and that under Chapter 22-6 of ing documents for a permit to with respect to the well at the	to order; and wing the well location at is that you have right by action at all. the West Virginia Code to plug and abandon a well location described on a mailed by registered	on on Form WW-6. this regarding the applicate, the undersigned well ovell with the Chief of the attached Application or certified mail or deli	sets out the parties involved in the work and describes the attorn which are summarized in the instructions on the reverses side. The perator proposes to file or has filed this Notice and Application and Office of Oil and Gas, West Virginia Department of Environmental in and depicted on the attached Form WW-6. Copies of this Notice, wered by hand to the person(s) named above (or by publication in
NOT STATE O STATE O WV Department of Er of	FICIAL SEAL ARY PUBLIC WEST VIRIGINIA ay S Johnson Virionmental Protection, Office Oil and Gas SE, Charleston, WV 25304 Expires February 15, 2028	Well Operator By: Its: Address	DEP Paid Plugging Jason Harmon 601 57th St. Charleston, WV 253	for Harris
		Telephone	304-926-0450	
Subscribed and s	Expires 2/15	12028 da	a April,	2023 Notary Public
		,		

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 deprivacyoffier@wv.gov.

SURFACE OWNER WAIVER

Operator's Well Number

111			100	
Ha	am	ne	r	

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 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;
- 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

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 FOR EXECUTION BY A CORPORATION.

Signature

Date 3/7/23
Name
By
Its
DEP Paid Plugging Contract
Bryan Harris Inspector Specialist
Bryan Harris Inspector Specialist
Bryan Harris Inspector Specialist

Signature

Date

W	W	_4	R

API No.	 	
Farm Name _		
Well No.		

INSTRUCTIONS TO COAL OPERATORS **OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less then five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

	WAIV	ER	
The undersigned coal operator has examined this proposed plugging wor done at this location, provided, the well Virginia Code and the governing regulation	k order. The un operator has co	dersigned has	
Date:			
	Ву: _		
	Its		

API Number 47 -	097	_03864
Operator's Well No.	Hamner	1

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name DEP Paid Plugging Contract OP Code
Watershed (HUC 10) Slab Camp Fork of French Creek of Buckhannon River Quadrangle Adrian
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 V
If so, please describe anticipated pit waste:
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
Will closed loop systembe 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? Na
Permittee shall provide written notice to the Office of Oil and Cas 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 Cas 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 o btaining 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 worthware
Company Official (Typed Name) Jason Harmon
Company Official Title Deputy Chief
Charles And
Subscribed and sworn before me this day of April , 20 3.3 OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRIGIN WV Department of Environmental Processing of City

Proposed Revegetation Treatment: Acres Disturbed less than 1 acre

V-9		Operator's W	ell No. Hamner 1
Revegetation Trea	tment: Acres Disturbed le	ss than 1 acre Prevegetation pl	H
Lime 2 tons	Tons/acre or to correc	t to pH	
Fertilizer type 20	-20-20		
	500 lbs	lbs/acre	
Mulch 2 tons		_Tons/acre	
		C INC	
		Seed Mixtures Perms	nont
	emporary		lbs/acre
Seed Type	lbs/acre	Seed Type Meadow Mix	30 lbs
		Clover	5 lbs
		Contractor Mix	10 lbs
	it and proposed area for land		10 lbs
). If water from the	f the land application area.		
). If water from the nd area in acres, o	f the land application area. Noved 7.5' topographic sheet.		
). If water from the and area in acres, o	olved 7.5' topographic sheet.		

		Seed Mixtures	
To	emporary	Perma	nent
Seed Type	lbs/acre	Seed Type	lbs/acre
		Meadow Mix	30 lbs
		Clover	5 lbs
		Contractor Mix	10 lbs
	olved 7.5' topographic sheet.		
pproved by: Brya			
pproved by: Brya	n Harris		
pproved by: Brya	n Harris		
pproved by: Brya	n Harris		
pproved by: Brya	n Harris		
pproved by: Brya	n Harris		
pproved by: Brya	n Harris		
pproved by: Brya	n Harris		
pproved by:Brya	n Harris		

ï



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

Packers Bar Talking FOR ATROY L. BRANT Caining and Duned in Packers Increase Pol, BOM, 8844 CLARESEN 196, TYA Tabling Duning Increase Pol, BOM, 1964 Increase Pol, BOM, 1965 Inc. 1965 Inc	rmit No. UPS			WELL	RECORD		- 011 v. 0	as Well- GAR
TREE PL. BOX. 884. LIARRESURG. TYA Tubing Drilles. Well Packers IN INC. I Tubing Drilles. Well Packers IN INC. I Tubing Drilles. Well Packers IN INC. I Tubing DAMP RUNG DAMP RU	<u> 1</u>	1	ON ATROY	L. RRADY			1	(minu)
### TETTH JONES Acres 20 She S	mpany <u>: arawa.</u> Idaaca PO-PO :	L.884. C	LARKSRUPG	. TYA	Casing and Tubing			
No. County Coun								
IN A THE MEAN COUNTY UPSINGE 11 57.6 57.6 Kind of Preker Lite, MEAD COUNTY UPSINGE 11 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6	rm_maxxx	CAMP · BU	n		Size		1	
under of tract is owned in fee by EXYTH JORES aurface of tract is owned in fee by EXYTH JORES 10. 534.6 534.6 534.0 534.	cation (waters)			1492	_			Eind of Packer
Surface of Iract is owned in fee by EMITH. 300HS 10. 534.5 584.5 584.5 584.5 2	II NoL					57.6	57.6	
Address PRESIGR CREEK St. 1425.11 17.2 Address PRESIGR CREEK St. 2089.8 17.2 Address PRESIGR CREEK CREEK CREEK CREEK St. 4 108 4 108 4075 17.2 Address PRESIGR CREEK CREEK CREEK ASS. 4 108 4 108 4075 18.5 ACT 1953 18.5 ACT 1953 19.6 ACT 1954 19.6 ACT 1954	strict		KELT	AJOHES				Simo All
Address Frest Fr								Size of
Address Free Address		- X	Address KADE	MER			17.7	
Hing commenced 2 24, 1988 Pert. 1988 Per	neral rights are	owned by					4200	
Hing completed 5. SO. 1963 Shot Prom To Liber Used Perf. bottom In Flow 4 /100th Water in 1 Inch In Flow 1 Inch In Flow 4 /100th Water in 1 Inch In Flow					• • •	1	4108	
in Flow 4 /10ths Water in 1 Inch	lling commence	•						Perf. top_0=00
IN Flow 4 /10ths Water in 1 mell	lling completed		.:	_1 .911	_ ; 2	· \		
10 10 10 10 10 10 10 10	e Shot	Fro	m	.To	_ Liners Used	-		. Perf. top
110/10th Merc in lik FIO METER Inch 200 10 70	h					-		Perf. bottom
ATE & SHELLS AND ATE & SHELLS ATE & SHELLS LA COLUMN SAND ATE & SHELLS ATE & SHELLS LA COLUMN SAND ATE & SHELLS ATE & SHELLS ATE & SHELLS LA COLUMN SAND ATE & SHELLS ATE & SHELLS LA COLUMN SAND ATE & SHELLS ATE & SHELLS LA COLUMN SAND AL & SLATE ATE & SHELLS ATE & SHELLS LA COLUMN SAND ATE & SHELLS ATE & SHELLS LA COLUMN SAND ATE & SHELLS ATE & SHELLS LA COLUMN SAND ATE & SHELLS ATE & SHELLS ATE & SHELLS LA COLUMN SAND ATE & SHELLS ATE & SAND ATE & SHELLS LA COLUMN SAND ATE & SHELLS ATE & SAND ATE & SHELLS LA COLUMN SAND ATE & SHELLS ATE & SHELLS LA COLUMN SAND ATE & SHELLS	n Flow 4	10ths Water	ip 1					
CO. P. CASTEG VT 11.60 USED IN TELL A PRESSURE SOON BY TO DEED TO SOLVE COMMENT. USES SOURCE LEARNED COAL ATSOCIATION TO SOLVE COAL WAS ENCOUNTERED AT 44 FEET 4 LAINCE CALL ACIDIZED. COAL AT420ft PEET 336 finches FEET INC. COAL AT420ft PE	110/	10ths Merc.	in_lin_III	O METER Inc	h CASING CEM	ENTED 44	SIZE400	No. Ft 6.31.63
COAL WAS ENCOUNTERED AT 44 FEET 46 AL ACIDIZED COAL AT3301 FEET 386 INCES FEET 1 INC COAL AT3301 FEET 380 INCES FEET 1 INC COAL AT4201 FEET 4221 INCES FEET 1 INC FEET 48 ACIDIZED COAL AT4201 FEET 4221 INCES FEET 1 INCES FEET	419 6 		, ,,		CASING !	FT 11,60.	USED IN	WELL
SULT AFTER TREATMENT 40082 TROUSAND CURT FT OPEN FLOW OPEN 12 hrs test	k Pressure. 2	70	lbs 7 (n. 40. sks.	cement,.10	sks. agu	iagel - MARATO
LL FRACTURED IES SOOBBL WATER & 40000 1bs SAND & SOO GAL ADID SULT AFTER TREATMENT 40082 THOUSAND GURT FT OPEN FLOW OPEN 12 hrs test CK PRESSURE AFTER TREATMENT 900 1bs 70 hrs sh Water 103 160 Feet 487 500 Sait Water TES 1590 Feet AFTER AFTER AFTER TREATMENT 900 1bs 70 hrs ATTER BROKEN UP HARD 0 444 465 ATTER BROKEN UP HARD 50 577 ND ATTER BROKEN UP HARD 106 1106 ATTER AFTER SHELLS 100 160 167 ATTER SHELLS 100 160 160 167 ATTER SHELLS 100 160 167 ATTER SHELLS 100 160 167 ATTER SHELLS 100 160 160 160 160 160 160 160 160 160	<u> </u>			bbls., 1at 24 hr	COAL WAS E	NCOUNTEREL	! ^1 44	1. F.F.I. 48 - 44 - INC
STATE SOUTH SOUTH STATE SOUTH SOUT	LL ACIDIZEI	<u> </u>	·	CUAL	ATSSUIT FEE	T 220 INC	HES	FEET V INC
SULT AFTER TREATMENT 40082 TROUSAND CUBIT PT OPEN FLOT OPEN 12 hrs tast CK PRESSURE AFTER TREATMENT 900 1bs: 70 hrs: sh Water 103, 160 Feet 487 500 Sit Water YES 1590 Feet Formation Color Hard or Soft Top Battam OIL Gas or Water Depth Remarks DA QUICK SAND AL & SLATE ASHELLS ME ND 50 50 577 NS 80 106 Feet 103-106 FOLE FUND 130 140 119 130 140 119 130 140 140 140 140 140 140 140 140 140 14				VVAU	ATEUR FEE	TEGELLUNC	HLS	I lili IINC
SULT AFTER TREATMENT 40082 THOUSAND CUBIT FT OPEN FLOT OPEN 12 hrs tast CR PRESSURE AFTER TREATMENT 900 lbs: 70 hrs: sh Water 103, 160 Feet 487 500 Sil Water YES 1590 Feet Formation Color Hard or Soft Top Battam OIL Gas or Water DA QUICE SAND AL & SLATE IME BROKEN UP HARD 50 50 577 ND 56 79 80 AL 80 ATE ASHELLS ME 106 119 130 ATE ASHELLS ME 120 140 119 ATE ASHELLS ME 120 140 119 ATE ASHELLS ME 120 140 160 ATE ASHELLS ME 1215 2226 ATE ATE ATE ATE ATE ATE ATE ASHELLS ME 225 226 227 IME 226 226 ATE	LL FRACTUE	ED YES	800BBL	VATER & 4	40000 lbs	SAND &	OO GAL	ACID
CR PRESSURE AFTER TREATMENT 900 lbs: 70 brs: sh Water 103. 160 Feet 487 500 Sui Water YES 1590 Feet Formation Color Bard or Top Bottom Oil Gas or Water Det QUICE SAND AL & SLATE IME BROKEN UP HARD 50 577 ND 36 79 AL 79 80 ND 106 119 ATE ASHELLS 160 119 ME 109 130 160 WATER at 103-106 BOLE FUNCTION OF THE STRELLS 160 167 ATE ASHELLS 160 167 ATE ASHELLS 160 167 ATE ASHELLS 126 226 ATE 126 226 227 IME 227 240 ATE ASHELLS 126 226 ATE 226 227 IME 227 240 ATE ASHELLS 228 320 AL ASTE SHELLS 228 320 AL 336 388 ATE 336 388	·:.					<u>ت ال</u>		
DA QUICE SAND AL & SLATE JME BROKEN UP ME HARD SO 79 80 ALTE 80 90 ND ME 80 119 ALTE ASHELLS ME 100 119 ATE ASHELLS ME 120 120 ATE BROKEN UP ME 200 108 ME 100 119 ATE ASHELLS ME 120 120 ATE ASHELLS ATE 226 ATE 227 IME 226 ATE 240 250 E ALATE ASHELLS ALATE	CK PRESSUR	AFTER TI	Feet_	487 .500	Salt Water_		Fee	
AL & SLATE IME BROKEN UP ME ND AL ATE ND ME ATE ND ME ATE ATE ATE ATE ATE ATE ATE	sh Water 10	3. 160	Feet Hard or	487 .500	Salt Water	Julion Gast	Fee	
ME ND 50 78 80 78 80 80 80 80 80 80 80 80 80 80 80 80 80	Sh Water 10:	Color	Feet Hard or	487 .500 Tep	Salt Water Bettem	Julion Gast	Fee	
AL ATE ND SO 90 ND ND 106 NATER AT 103-106 ND ND 106 119 130 140 119 130 150 160 167 198 215 226 1647 198 215 226 1647 240 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 244 269 250 264 264 269 260 260 260 260 260 260 260 260 260 260	Formation D& QUICK AL & SI	Color SAND	Feet Hard or	Top	Selt Water Bottom	Julion Gast	Fee	
AL ATE	Formation Då QUICK AL & SI IME BR	Color SAND	Hard or Soft	Top 0	Salt Water Bettem 44 46 50	Julion Gast	Fee	
ATE ND 90 106 119 130 119 130 160 ATE & SHELLS 160 160 160 160 160 160 160 160 160 160	sh Water 10: Formation D& QUICK AL & SI IME BE	Color SAND	Hard or Soft	Top O 44 46 50	Salt Water Bettem 44 46 50	Julion Gast	Fee	
ND ME ME ATE & SHELLS ME ND ATE & SHELLS ME ND ATE & SHELLS ME ND ATE & SHELLS ME LATE & SH	sh Water 10: Formation D& QUICK AL & SI IME BR ME ND	Color SAND	Hard or Soft	Tep 0 44 46 50 50	Bettess 44 46 50 57 779	Julion Gast	Fee	
ATE & SHELLS AT	sh Water 10: Formation D& QUICK AL & SI IME BE ME ND AL	Color SAND	Hard or Soft	Tep	Bettem 44 46 50 779	Julion Gast	Fee	
ME ND ATE & SHELLS ME ATE & SHELLS ME LATE ME LA	sh Water 10: Formation D& QUICK AL & SI IME BE ME ND AL ATE	Color SAND	Hard or Soft	Tep	Bettem 44 46 50 57 79 80 90	Oil, Gas or Water	Depth	Remarks
Table Tabl	sh Water 10: Formation D& QUICE AL & SL IME BE ME ND AL ATE ND	Color SAND	Hard or Soft	Top	Bettem 44 46 50 479 80 90 106	Oil, Gas or Water	Depth	Remarks
ATE & SHELLS ME ATE ME ATE ME LATE &SHELLS	sh Water 10: Formation D& QUICE AL & SL IME BE ME ND AL ATE ND ME ATE ATE ATE ATE	Color SAND ATE	Hard or Soft	Top 44 46 50 55 79 80 90 106	Bettem 44 46 50 57 79 80 90 108 119	Oil, Gas or Water	Depth	Remarks
THE 240 250 264 259 250 264 269 350 264 269 350 264 269 350 264 269 350 264 269 350 264 269 269 350 260 260 260 260 260 260 260 260 260 26	Formation D& QUICK AL & SL IME BE ME ND AL ATE ND ME ATE ATE ATE ATE ATE ATE ATE ATE	Color SAND ATE	Hard or Soft	Top 44 46 50 55 79 80 90 106 119	Bottom 44 46 50 77 79 80 90 106 119 119	Oil, Gas or Water	Depth	Remarks
THE 1240 250 264 259 250 264 269 350 264 269 350 264 269 350 264 269 350 264 269 350 264 269 350 264 269 269 350 264 269 269 269 269 269 269 269 269 269 269	Sh Water 10: Formation DA QUICK AL & SL IME BR ME ND AL ATE ND ME ATE ATE ATE ATE ND	Color SAND ATE DREN UP	Hard or Soft	Tep 0 44 46 50 58 79 80 90 106 310 119	Bottom 44 46 50 79 80 90 106 119 119 130 160	Oil, Gas or Water	Depth 103	Remarks
THE 1240 250 264 259 250 264 269 350 264 269 350 264 269 350 264 269 350 264 269 350 264 269 350 264 269 269 350 264 269 269 269 269 269 269 269 269 269 269	Sh Water 100 Formation D& QUICK AL & SI IME BR ME ND ATE ATE ATE ATE ATE ATE ATE AT	Color SAND ATE DREN UP	Hard or Soft	Tep O 44 48 50 80 90 106 310 130 160	Bettess 44 46 50 57 79 80 90 106 119 119 130 160	Oil, Gas or Water VATER	Depth	Remarks HOLE FU
THE 1240 250 264 259 250 264 269 350 264 269 350 264 269 350 264 269 350 264 269 350 264 269 350 264 269 269 350 264 269 269 269 269 269 269 269 269 269 269	sh Water 10: Formation D& QUICK AL & SI IME BR ME ND AL ATE ME ND ATE ATE ATE ATE SHR ME ND	Color SAND ATE DREN UP	Hard or Soft	Tep 0 44 46 50 58 79 80 90 106 310 119 130 1160 1167	Bettem 44 46 50 57 79 80 90 106 119 119 130 160 167	Oil, Gas or Water VATER	Depth	Remarks HOLE FU
TE & SHELLS S AL ASLATE & LIME A20 ATE &SHELLS 10 400 57 415 420 422 467 10	sh Water 10: Formation D& QUICK AL & SL IME BE ME ND AL ATE ND ATE ATE ATE ATE ATE ATE ATE AT	Color SAND ATE DREN UP	Hard or Soft	Tep O 44 46 50 80 79 80 106 119 130 140 147 198	Bettem 44 46 50 757 79 80 90 106 119 119 130 160 167 198 216	Oil, Gas or Water VATER	Depth	Remarks HOLE FU
TE # SHELLS 100 57415 415 420 420 422 422 447 10 427 500	Formation De QUICE AL & SE IME BE ME ND AL ATE ATE ATE ATE ATE ATE ATE	Color SAND ATE DREN UP	Hard or Soft	Tep O 44 46 50 50 79 80 90 106 119 130 140 147 198 215	Bettem 44 46 50 757 79 80 90 106 119 119 130 160 167 198 216	Oil, Gas or Water VATER	Depth	Remarks HOLE FU
TE & SHELLS S AL &SLATE & LIME A20 ATE &SHELLS OT 415 420 422 ATE &SHELLS OT 415 420 422 467 OT 467 SOO	Sh Water 10: Formation D& QUICK AL & SL IME BE ME ND AL ATE ND ATE ATE ATE ATE ATE ATE ATE AT	Color SAND ATE DREN UP	Hard or Soft	Top 100 44 46 50 55 79 80 90 106 119 130 119 130 110 119 216 226 ()	Bettem 44 46 50 757 78 80 90 106 119 130 160 167 215 226	Oil, Gas or Water VATER	Depth	Remarks HOLE FU
TE & SHELLS S AL &SLATE & LIME A20 ATE &SHELLS OT 415 420 422 ATE &SHELLS OT 415 420 422 467 OT 467 SOO	Formation DA QUICK AL & SL IME BR ME ND AL ATE ND ATE	Color SAND ATE DREN UP	Hard or Soft	Top Top 44 46 50 50 106 106 119 130 160 167 198 215 226 227 240	Bettem 44 46 46 50 757 79 80 90 106 119 139 130 160 167 198 226 227 240 250	Oil, Gas or Water VATER	Depth	Remarks HOLE FU
TE & SHELLS S AL &SLATE & LIME A20 ATE &SHELLS OT 415 420 422 ATE &SHELLS OT 415 420 422 467 OT 467 SOO	Formation DA QUICK AL & SL IME BE ME ND AL ATE ND ME ATE ATE ATE ATE IME IME IME IME TE E	Color SAND ATE DREN UP	Hard or Soft	Tep O 44 46 50 55 79 106 106 119 130 160 119 215 226 227 240 250	Bettem 44 46 46 50 57 79 80 90 106 119 130 160 167 198 226 227 240 250 264	Oil, Gas or Water VATER	Depth	Remarks HOLE FU
TE & SHELLS S AL &SLATE & LIME A20 ATE &SHELLS OT 415 420 422 ATE &SHELLS OT 415 420 422 467 OT 467 SOO	Sh Water 10: Formation D& QUICK AL & SL IME BR ME ND ATE ATE ATE ATE ATE ATE ATE AT	Color SAND ATE OKEN UP	Hard or Soft	Tep O 44 46 50 55 79 80 90 106 310 119 130 160 167 198 215 226 227 240 250 264	Bettess 44 46 50 57 79 80 90 106 119 130 160 167 198 215 226 227 240 250 264 269	Oil, Gas or Water VATER	Depth	Remarks HOLE FU
TE & SHELLS S AL &SLATE & LIME A20 ATE &SHELLS OT 415 420 422 ATE &SHELLS OT 415 420 422 467 OT 467 SOO	Formation D& QUICK AL & SIL IME BRUME ND AL ATE ND ATE & SHR ME ND ATE & SHR ME TE E ATE LATE & SHR E BLATE & SHR	Color SAND ATE OKEN UP	Hard or Soft	Tep O 44 46 50 50 79 80 90 106 360 119 130 160 167 198 215 226 227 240 250 264 269	Bettem 44 46 50 57 79 80 90 106 119 119 130 160 167 198 215 226 227 240 250 264 269	Oil, Gas or Water VATER	Depth 103-	Remarks HOLE FU
TE & SHELLS S	Formation De QUICK AL & SIL IME BR ME ND AL ATE ND ATE ATE ATE IME IME TE E ATE BLEUNKARI AL ATE AL	Color SAND ATE OKEN UP	Hard or Soft	Tep O 44 48 50 50 79 80 106 310 119 130 (160 167 198 216 226 227 240 250 264 269 380	Bettem 44 46 50 57 79 80 90 108 119 119 130 160 167 198 215 226 227 240 250 264 269 836	Oil, Gas or Water VATER	Depth 103-	Remarks HOLE FU
TE & SHELLS S	Formation Då QUICK AL & SI IME BR ME ND AL ATE ND ATE & SHR ME ND ATE & SHR ME TE E ATE ATE ATE ATE ATE ATE ATE ATE	Color SAND ATE OKEN UP	Hard or Soft	Top Top 44 48 50 66 79 80 106 140 149 130 140 147 198 215 227 240 250 264 269 380 336	Bettem 44 46 50 757 79 80 90 106 119 119 130 160 167 198 215 226 227 240 250 264 269 380 368	Oil, Gas or Water VATER	Depth 103-	Remarks HOLE FU
E 418 420 422 422 467 500	Formation [Då QUICK AL & SI IME BE ME ND AL ATE ND ATE ATE ATE ATE E ATE ATE ATE ATE ATE A	Color SAND ATE OKEN UP	Hard or Soft	Top Top 44 46 50 50 79 80 106 140 140 140 140 140 140 14	Bettem 44 46 50 757 79 80 90 106 119 119 130 160 167 198 215 226 227 240 250 269 380 368 371	OIL Gas or Water	Depth 160 252627	Remarks HOLE FU
AL &SLATE & LIME 420 422 467 ND 422 467	Formation Då QUICK Då QUICK	Color SAND ATE OKEN UP LLS SAND SAND	Hard or Soft	Top 10 44 46 50 50 79 80 90 106 140 119 130 140 147 198 215 226 227 240 250 264 269 330 336 368 371	Bettem 44 46 50 57 79 80 90 106 119 119 130 167 198 215 226 227 240 250 264 264 269 368 371 400	OIL Gas or Water	Depth 160 252627	Remarks HOLE FU
ND 467 1500	Formation TOA QUICK ALLA SIL IME BE IME IME IME IME IME IME IME IME IME IM	Color SAND ATE OKEN UP SAND LS LS	Hard or Soft	Top Top 44 46 50 57 79 80 90 106 140 119 130 160 167 198 215 226 227 240 250 264 269 330 336 368 371 400	Bettem 44 46 50 57 79 80 90 106 119 130 160 167 198 215 226 227 240 250 264 269 300 368 371 400 51415	OIL Gas or Water	Depth 160 252627	Remarks HOLE FU
	Formation [DA QUICK AL & SIL IME BE ME ME MD ALL ATE ME ATE ATE ME ATE ATE ATE ATE ATE ATE ATE ATE ATE AT	Color SAND ATE DEEN UP LIS SAND LIS SAND LIS AND LIS AND LIS AND LIS	Hard or Soft	Top 144 46 50 55 79 80 90 106 106 160 119 130 160 215 226 227 240 250 264 269 380 386 868 871 400 415 420	Bettem 44 46 50 57 79 80 90 106 119 130 160 167 198 216 226 227 240 250 264 269 300 368 371 400 116 420	OIL Gas or Water	Depth 160 252627	Remarks HOLE FU
Cover) (over) where the state of the state o	Formation DA QUICK AL & SIL IME BE ME ND AL ATE ND ATE & SHE ME ND ATE & SHE ME TE E ATE OUNKARD TE & SHE E AL & SLATE AL & SLATE AL & SHE E AL & SLATE AL & SHE E AL & SLATE AL & SHE	Color SAND ATE DEEN UP LIS SAND LIS SAND LIS AND LIS AND LIS AND LIS	Hard or Soft	Top O 44 46 50 55 79 80 90 106 106 119 130 160 167 198 215 226 227 240 250 264 269 330 336 368 371 400 415 420 422	Bettem 44 46 50 57 79 80 90 106 119 139 130 160 167 198 215 226 227 240 250 264 269 300 836 368 871 400 422 467	OIL Gas or Water	Depth 160 252627	Remarks HOLE FU

Formation	Color	Hard or Bolt	Top []	Bottom	Oll, Gas or Water	Depth Found	Romarks
LAME (1970)			900	23607			
SLATE & 5E			894	360 55 %			
LACK LIVE			505 875	710 72	8 74 € 12	1776 Age	er e bir in in in gant er t
LATER SHELL			710	T35:00	invers ve	R: 126	I
			725	442.71	44		
MD, J. Salt			766	345 08 S		A 18 18 18 18	
latica siie Menengusat			948 964	7.00			
LATE.			207	207.00			* 200
	91. 32		207	BBS1QV /*		學學學是	
LATE	2. C. C. C.	N. V.	7 4 5 4 5 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5	200 X20		() () () ()	
ARDT: 11117	erra		<900 ·	1005 64	14.1000000	14.000	
late: eshel			2006	1018 <u>25</u> 8:			
iya Min 3 Salt		AND THE STATE OF T	1018	10240J2	1	\$5.65.55	
LATEIFRITE		والمنافقة والمنافقة	1000	BOOTI CL.		700	HOPE BOT
CD (B)			2007	1110160	57,152.71	100	HOLK FOL
CD B	מינינו	[#Paradesis	1110	1236) 19			
AND A LINE	,	1. 4 34 3	1222	136110		700-70	HOLE FO
ED B			1284	1273 ₀₀	7,4757	t 103-100	Police Ba
LAXON SAND		1 3 4 3 7	1278	128400	3		
TED B			1254	3388 79		₽ .	
THE.		H,\nD	1208	129424	1		
	ilomai .ep.:		1294	1311		1	1.5
ettlo liu Excil cave	B igger Historia	1.7	1311	1316	The state of the s		,
LATE & LIN		7	1518	1390	1 4 4 5	33 / 195/10 - 64	Service Co.
ED ±		11.4	1350	301372	100 100 300 300 100 100 100 100 100 100 100 100 100		
3 line Der sand	0. 100		1372	1470	EB , 1599	THE THE	
ibjun san	D	12: Care 12: 15 C	1402	2616	CAE SHOY	690.1525	
SAND BROKE	W VP	25082 V	(1516.0 C		CAS SHOT	1560(17,10	hry test.
slate Squay sa	MO .		1880	1818	POLC POL	BATER AT	
grate a sn		500 BBL 1	1615	1837 22	SEOR GAS		1664
LIUS Bard			1887(***	1640	10.7	1.5	
Late a sa	PIER 2	A KED B	10.11	1787	050 5∮		13:54
ilato a se			1787	1886 egg	arecourt pa	विशेषकार्थ र अञ्चल	1 1
SAND	0		1962	1860sine	T D. 60		
icd r slat fand	الماسيدة بهادا	្រែងកែ ខេត្ត	1960	1900	200 E G. IX	1000,190	· 2* 37 * 68 ·
UD R SLAT	e surli		1980	2100			
AND .			2300	22.20			
slate o l Baso			2120	21.05	-	2150,2265	
LATE & S	BILLS CRI	TIT LINE	2176	3544		3008, 8021	609
LATE		1003	3611	3070	Tran .	222	0500
ietson; gai Line	•	1,271.2	2070	4030	A 1880		4/10.115
TOTAL DE	PE DEFE	TAR 100	4030	1 100 4 10 10 10 10	1125.11 2069.9		
PARON NE	1,		4000 7	10		634.6	٠٠٠ ت مدا
The Park Town	.1 .	1444	ing and	معدد الاستواد وجود الله الله الله الله الله الله الله الل	501.0	57.6	
	1	1.00	- TV35 .				વિભાગ કરા
1 4 4 627	2.576 13		4			1 1 1 1	
🤛 (Virman	1		20-			F - 24	
Subject Services	3 4.804. K	rviziaonia				fold in	100
Tree	d gride in	I E YOUT OX I	BRADY	1		2-11 71	
المعلود المعلو المعلود المعلود المعلو		a lawa da an sa masa da		المعلقة المستخدم الانتجابية (المنافقة المنافقة المنافقة المنافقة المنافقة المنافقة المنافقة المنافقة المنافقة المنافقة المنافقة ال	معمود و الاستامات الم	i ing pagaman gadi	CAS
The second	· • • • · · ·		SAMET!	BECOR)	1
	والمراجعة والمراجعة	Tr. Ass. 334, 547		100 Miles 200	1 3	1	1

APPROVEDBLE (Talk of Control of C

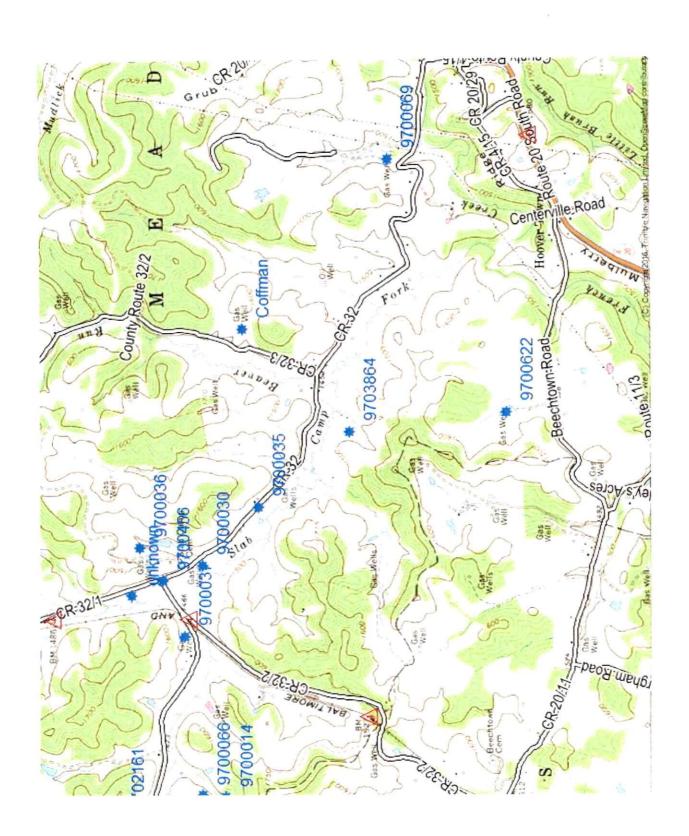
04/07/2023



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 4709703864	WELL NO.:	Hamner 1
_{FARM NAME:} Paul Ham		
RESPONSIBLE PARTY NAME:	DEP Paid Pluggir	ng Contract
COUNTY: Upshur	bistrict: Me	eade
QUADRANGLE: Adrian		
SURFACE OWNER: Paul H	amner	
ROYALTY OWNER: Coleric	der Family Revoc	able Trust
UTM GPS NORTHING: 5 58		
UTM GPS EASTING: 43 05		_{TON:} 1457'
preparing a new well location plat fo above well. The Office of Oil and Ga the following requirements: 1. Datum: NAD 1983, Zone height above mean sea let 2. Accuracy to Datum – 3.0: 3. Data Collection Method: Survey grade GPS : Post Pro	es will not accept GPS coordinate: 17 North, Coordinate Units: movel (MSL) – meters. 5 meters	tes that do not meet
Real-Ti	me Differential	
Mapping Grade GPS X: Post		
Real	-Time Differential	
4. Letter size copy of the to I the undersigned, hereby certify this belief and shows all the information prescribed by the Office of Oil and O	required by law and the regulation	knowledge and
Bryan Harris	Inspector Specialist	Nov 28, 2022
Signature	Title	Date



Pluggin	g Permit
Дv	WW-4B
√ v	NW-4B signed by inspector
√ v	WW-4A
	SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERITFIED WAIL
1 !	COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
Ωv	WW-9 PAGE 1 (NOTARIZED)
v	WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
$\prod v$	WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
√ F	RECENT MYLAR PLAT OR WW-7
√ v	WELL RECORDS/COMPLETION REPORT
√ ⊤	TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
	MUST HAVE VALID BOND IN OPERATOR'S NAME
\prod_{i}	CHECK FOR \$100 IF PIT IS USED



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

plugging permits have been issued 4709700007 09703864 09703866

1 message

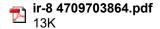
Kennedy, James P <james.p.kennedy@wv.gov>
Tue, Apr 4, 2023 at 2:32 PM
To: Henry J Harmon <henry.j.harmon@wv.gov>, Bryan O Harris <bryan.o.harris@wv.gov>, Samuel D Ward
<samuel.d.ward@wv.gov>, dwzickefoose@upshurcounty.org

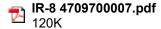
To whom it may concern, plugging permits have been issued for 4709700007 09703864 09703866.

James Kennedy

WVDEP OOG

6 attachments





IR-8 4709703866.pdf 120K

4709700007.pdf 2718K

4709703864.pdf 2887K

4709703866.pdf 3074K