

west virginia department of environmental protection

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

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

Thursday, August 31, 2023 WELL WORK PLUGGING PERMIT Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for GIRTA 8 (80155)

47-105-01345-00-00

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: ALFSTAD, PHYLLIS

U.S. WELL NUMBER: 47-105-01345-00-00

Vertical Plugging Date Issued: 8/31/2023

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. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- 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.
- 3. 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.

L) Date 6/14	, 20 23
2)Operator's	
Well No. Unknown DEP Paid	d Plugging Contract
B) API Well No. 47-	105 — 01345

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

	APPLICATION FOR A PERI	MII TO FLOG AND ABANDON	
4)	Well Type: Oil X / Gas X / Liquid	d injection/ Waste disposal/	
	(If "Gas, Production or Unc	derground storage) Deep/ Shallow $^{\rm X}$	
	(20)	050000010	
5)	Location: Elevation 634	Watershed 0503020310	
	District Murphy	County Wirt Quadrangle Girta	
5)	Well Operator Unknown DEP Paid Plugging Contract	7) Designated Agent Jason Harmon	
. /	Address 601 57th Street	Address 601 57th Street	
	Charleston, WV 25304	Charleston, WV 25304	
		(
3)	Oil and Gas Inspector to be notified	9) Plugging Contractor	
	Name Joe Taylor	Name North Wind Site Services	
	Address 1478 Claylick Rd	Address 1425 Higham St	
	Ripley, WV 25271	Idaho Falls, ID 83402	
5	See attached.		
		RECEIVED Gas	
		office	
		AUG 2 2 2023	
		the state of the s	
		WV Department of Environmental Protection	
		Environmental Fig.	

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

Work order approved by inspector

Date 6-22-23

Procedure is referencing Plugging Permit and WW-4 (B) form issued by WV DEP on 10-5-2004.

47-105-01345

Girta #8 (80155)

Wirt County, WV

TD estimated @ 700'

Casing Schedule:

6 5/8" casing visible at surface.

Notes

- 6% gel water is to be pumped between all cement plugs.
- Any casing that is not cemented in or unable to be retrieved, is to be perforated @ all gas, oil, water, and coal shows.
- Class A Cement or Class L Cement is required.

Procedure

- 1) Notify Inspector Joe Taylor 304-380-7469 at least 48 hours prior to commencing plugging operations.
- 2) MIRU plugging equipment. RIH w/ wireline and check TD. Contact WV State Inspector for attainable TD.
- 3) TIH w/ tubing to attainable TD estimated @ 700'. Pump water and circulate oil from well. Pump 20 bbls of 6% gel water. Set 200' cement plug from 700' to 500'. TOOH w/ tubing. WOC. Tag TOC, top off with cement as needed.
- 4) TIH w/ tubing to 300'. Set 100' cement plug from 300' to 200'. TOOH w/ tubing to 100'.
- 5) Circulate cement from 100' to surface. TOOH w/ tubing.
- 6) Top off with cement as needed, install monument, and reclaim to WV DEP SpecsECEIVED

AUG 2 2 2023

... Department of Environmental Protection

1) Date:

6/14/2023

2) Operator's Well Number

Unknown DEP Paid Plugging Contract

3) API Well No.: 47 -

105

01345

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

(a) Name	wner(s) to be served:	5) (a) Coal Operator Name
Address	810 New England Ridge Rd.	Address
	Washington, WV 26181	
(b) Name		(b) Coal Owner(s) with Declaration
Address		Name
	#*************************************	Address
(c) Name		Name
Address		Address
6) Inspector	Joe Taylor	(c) Coal Lessee with Declaration
Address	1478 Claylick Rd	Name
	Ripley, WV 25271	Address
Telephone	304-380-7469	
The reason However, Take noting accompaning Protection the Applia	Il its and the plugging work order; and e plat (surveyor's map) showing the well location you received these documents is that you have you are not required to take any action at all. It is that under Chapter 22-6 of the West Virginia Chapter documents for a permit to plug and abandon, with respect to the well at the location described teation, and the plat have been mailed by register recumstances) on or before the day of mailing or de	Code, the undersigned well operator proposes to file or has filed this Notice and Application and a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental do not he attached Application and depicted on the attached Form WW-6. Copies of this Notice, ared or certified mail or delivered by hand to the person(s) named above (or by publication in elivery to the Chief. RECEIVED Office
	Wall Operate	
~~~	By:	Or Unknown - DEP Paid Plygging 22023
	OFFICIAL SEAL Its:	Auron Harman
	OFFICIAL SEAL Its: NOTARY PUBLIC STATE OF WEST VIRGINIA Address	601 575 St SE Environmental Protection
	By: OFFICIAL SEAL Its: NOTARY PUBLIC STATE OF WEST VIRGINIA Address RENAE DAWN WHITLOCK 601 57th Street. SE. Charleston, Wy 25304	601 57 m St SE Environmental Protection  Chalistan wy 75724
	By: OFFICIAL SEAL Its: NOTARY PUBLIC STATE OF WEST VIRGINIA Address RENAE DAWN WHITLOCK	601 575 St SE 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 <a href="mailto:depprivacyoffier@wv.gov">depprivacyoffier@wv.gov</a>.

*	
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>Article Addressed to:</li> </ul>	A Signature  X Day Day Day Day Day Agent  Display Addressee  B. Received by (Printed Name)  C. Date of Delivery  C. Date of Delivery  D. Is delivery address different from item 1?   Yes
Kunselman 810 new England Publiced Washington, WV Ziel 81	If YES, enter delivery address below:
9590 9402 7657 2122 8124 54	3. Service Type ☐ Priority Mail Express®☐ Registered Mail™☐ Restricted Delivery☐ Certified Mail®☐ Collect on Delivery☐ Collect on Delivery☐ Signature Confirmation™☐ Signature Confirmation
2 Article Number (Transfer from service label) 7021 2720 0001 9027 32	Collect on Delivery Restricted Delivery Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt



#### west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Phone (304) 926-0450 Harold D. Ward, Cabinet Secretary dep.wv.gov

#### BEFORE THE OFFICE OF OIL AND GAS DEPARTMENT OF ENVIRONMENTAL PROTECTION STATE OF WEST VIRGINIA

IN THE MATTER OF A VARIANCE FROM	)	
LEGISLATIVE RULE 35CSR4	)	ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE	)	
35CSR8 SECTION 20.1,	)	
RELATING TO THE CEMENTING	)	
OF OIL AND GAS WELLS	)	

#### REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

Office of Oil and Gas

AUG 2 2 2023

#### FINDINGS OF FACT

- 1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a control of the legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
- 2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
- 3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

#### SURFACE OWNER WAIVER

Operator's Well Number

Unknown DEP Paid Plugging Contract

#### **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.

<u>Comments must be in writing.</u> 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 permittory substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to a hate or seek review of the violation...".

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

# W Department of VOLUNTARY STATEMENT OF NO OBJECTION Protection I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice

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.

objection to a permit being issue FOR EXECUTION BY A NATUETC.	d on those materials.	ie planned wo		se materials, and I have no ION BY A CORPORATION,
Signature	Date	Name By		
		Its		Date
			Signature	08/29/2023 Date

WW-4B

API No.	47-105-01345				
Farm Name	D.B. Kunselman & F. Joy	_			
Well No.	Kunselman - GIRTA #8				

#### 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.

	WAIVER	
has examined this proposed plugging work	order. The undersigne operator has complied	ee/ of the coal under this well location ed has no objection to the work proposed to be with all applicable requirements of the West
Date:	By:	'MICE MECEIVED
	Its	AUG 222022
		Designation (1)

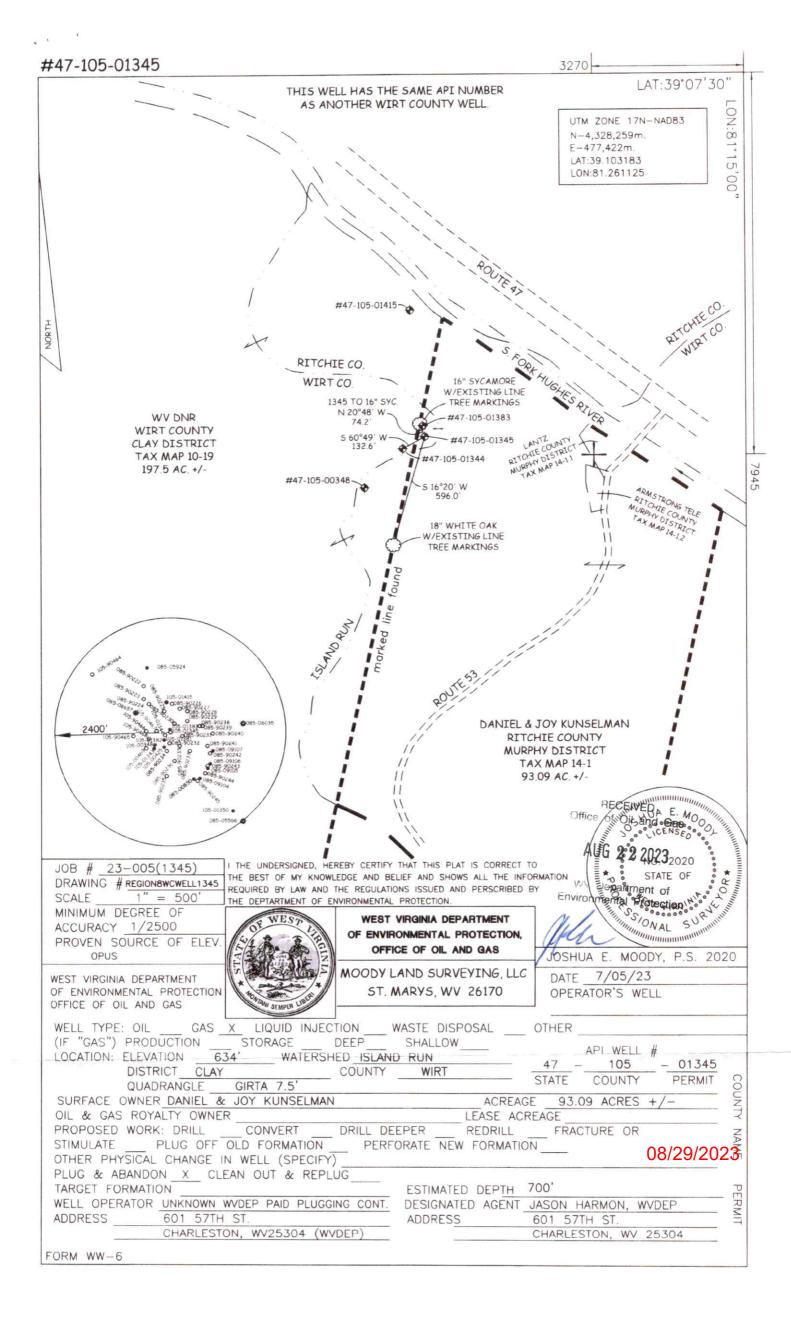
API Numb	CI.	47	_	105	01345		
Operator's	W	ell	No.	Unknown	DEP Pa	aid Plugging	Contract

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

	FLUIDS/ CUT	TINGS DISPOSAL & RECLAMA	TION PLAN	
	Operator Name Unknown DEP Paid Plugging Contract	(	OP Code	
	Watershed (HUC 10)_0503020310	Quadrangle Girt	а	
	Do you anticipate using more than 5,000 bbls of w	ater to complete the proposed well	work? Yes	No 🗸
	If so, please describe anticipated pit waste	**		
	Will a synthetic liner be used in the pit?		what ml.?	
	Proposed Disposal Method For Treated P		what his.	
		lected provide a completed form W	W_9_GPP)	
	Underground Injection Reuse (at API Number	( UIC Permit Number		
	Other (Explain			
	**Any well effluent must be contained Will closed loop systembe used? If so, describe:		off-site at an appro	oved facility.
	Drilling medium anticipated for this well (vertical	and horizontal)? Air, freshwater, o	oil based, etc. N/A	
	-If oil based, what type? Synthetic, petro	leum, etc.		
	Additives to be used in drilling medium?N/A			
	Drill cuttings disposal method? Leave in pit, landf	ill, removed offsite, etc. N/A		
	-If left in pit and plan to solidify what med			
	-Landfill or offsite name/permit number?			
	Permittee shall provide written notice to the Office West Virginia solid waste facility. The notice shall where it was properly disposed.	of Oil and Gas of any load of drill	cuttings or associated	waste rejected at any
	I certify that I understand and agree to the on April 1, 2016, by the Office of Oil and Cas of provisions of the permit are enforceable by law. Vior regulation can lead to enforcement action.  I certify under penalty of law that I hav application form and all attachments thereto and the information, I believe that the information is submitting false information, including the possibility Company Official Signature  Company Official Title President	the West Virginia Department of E olations of any term or condition of the personally examined and am fact, based on my inquiry of those intrue, accurate, and complete. I artitly of fine or imprisonment.	Environmental Protection of the general permit and umiliar with the first that the dividuals immediated	on. I understand that the dorother applicable law submitted on this significant penalties for 2023
MINIMA A LEW LAND TO SERVICE THE PROPERTY OF T	MARIE Stribscribed and swom before me this 20th STATE OF LAGANDA MARIE STATE OF LAGANDA MARIE COUNTINGS OF CO	day of July Selucco	. 20 23 Notary Public	08/29/2023

Proposed Revegetation Trea	tment: Acres Disturbed 0.5	50	Preveg etation pH	
Lime 2-3	Tons/acre or to correc	t to pH _		
Fertilizer type 10-	10-20 or similar			
Fertilizer amount_3	00 Temp -500 Permanent	lbs/a	acre	
Mulch Hay/Straw		Tons/acr	re	
		Seed N	<u>Mixtures</u>	
Te	emporary		Permanent	
Seed Type	lbs/acre		Seed Type	lbs/acre
Sudangrass	40-60		Crownvetch/Tall Fescue	10-15/30
Photocopied section of invol	e Taylor			
Comments:	int control in p	bic	A All/re.	
			Office of a	EIVED
				and Gas
			AUG 2	2 2023
			Environmental F	Pent of
			/ Jonal F	rotection
		-/	for the same	<u> </u>
Title: 006 Inpatr	-		Date: 6-27-23	
Field Reviewed?	Yes (		) No	





1 FORM WW-4 (B) Observe File Copy (Rev. 9/94)

1) Date_7/27/04 2) Operator's 80155 Well No. Girta # 8 3) API Well No. 47-105-03-65P

#### STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

	APPLICAT	ION FOR A PER	MIT TO PLUG AND A	BANDON	
4)	Well Type: Oil x / Gas (If "Gas, Production	/ Liqui on or Un	d injection	/ Waste disposal	/ / Shallow_x
5)	Location: Elevation 67 District Murph	9' 8104 2	Watershed_Hugh County_WIRT	es River_ Quadrangle_Gi	rta 366
	Well Operator _WV DEP Plug Address _1356 Hansfo _Charleston,	ging rd St	7)Designated Ag	ent James Martin	ı
8)	Oil and Gas Inspector to be Name Ed GANLER Address P.D. Box	e notified	9)Plugging Cont Name Address	ractor	
10)	Work Order: The work order				
	WELL HAS BEEN FILLED FR ROCKS, AND ?.	OM THE SURE	ACE WITH DIRT,		
( ( ( (	RIG UP RIG, AND EQUIPME CLEAN OUT FROM SURFACE PULL DRILL PIPE FROM TH RUN TUBING IN THE HOLE CEMENT FROM 700' TO 500 CEMENT FROM 300' TO 200 CEMENT FROM 100' TO SUR GEL BETWEEN CEMENT PLUGERECT A MONUMENT W/API	TO @ 700'. E WELL. TO T.D. '. '. FACE. S.		RECEIVED Office of Oil and AUG 22202	Gas 3
				WV Department of Environmental Protec	of tion
		OFFICE	USE ONLY		
		PLUGGIN	G PERMIT		
Perm	it Number		Date		, 19
accor hereo has c	permit covering the well and we dance with the pertinent legal req f. Notification must be given to ommenced.  The permitted work is as des modifications and conditions on t expires unless place.	uirements subjecthe District Oil cribed in the the reverse here	t to the conditions and Gas Inspector 2  Notice and Applicat of.	contained herein and Hours before actual tion, plat, subject	d on the reverse 1 permitted work to any
Bond:	Agent: Pla	At: C	asing:WPC	P:Other:	
			Chief,	Office of Oil and	3/ <b>29</b> 72023

NOTE: Keep one copy of this permit posted at the plugging location.



Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Phone: (304) 926-0450 Fax: (304) 926-0452

### West Virginia Department of Environmental Protection

Bob Wise. Governor

October 05, 2004

Stephanie R. Timmermeyer, Cabinet Secretary

#### WELL WORK PLUGGING PERMIT Plugging

This permit, API Well Number: 47-10501345, issued to UNKNOWN - DEP PAID PLUGGING CONTRACT, 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 all 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 1-800-654-3312 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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given.

Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalities being imposed upon the operator.

If there are any questions, please free to contact me or Mr. Al Blankenship at 304-558-6342.

This permit will expire in two (2) years from date of issue.

JAMES MARTIN Chief, Office of Oil and Gas

Operator's Well No: GIRTA 8 (80155)

RECEIVED of Oil and Gas

Farm Name: ALFSTAD, PHYLLIS

API Well Number: 47-10501345

AUG 2 2 2023

**Permit Type: Plugging** 

partment of revisionmental Protection

Date Issued: 10/05/2004