



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

Monday, March 31, 2025
WELL WORK PLUGGING PERMIT
Not Available Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 71595
47-049-02563-00-00

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: KRUSA, PATRICIA A B & VA
U.S. WELL NUMBER: 47-049-02563-00-00
Not Available Plugging
Date Issued: 3/31/2025

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. 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.

WW-4B
Rev. 2/01

1) Date MARCH 18, 2025
2) Operator's
Well No. 71595
3) API Well No. 47-049 - 02563

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 X / Gas X / Liquid injection / Waste disposal /
(If "Gas, Production X or Underground storage / Deep / Shallow X

5) Location: Elevation 962' Watershed BUFFALO CREEK
District MANNINGTON County MARION Quadrangle MANNINGTON 7.5'

6) Well Operator UNKNOWN - WVDEP PAID PLUGGING CONTRACT 7) Designated Agent H. JASON HARMON
Address 601 57TH STREET Address 601 57TH STREET
CHARLESTON, WV 25304 CHARLESTON, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name KENNY WILLETT Name M&A ENERGY SERVICES LLC
Address 2393 TALLMANVILLE RD Address 264 INDUSTRIAL PARK ROAD
BUCKHANNON, WV 26201 JANE LEW, WV 26378

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

PLEASE SEE ATTACHED "PLUGGING PROCEDURE" FOR WELL WORK PROCEDURE

CLASS A CEMENT WILL BE USED

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WV Department of
Environmental Protection

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

Work order approved by inspector Ky Willett Date MARCH 18, 2025

04/04/2025

API# 47-049-02563



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04/04/2025



264 Industrial Park Road
Jane Lew, WV 26378
304-805-2157

Plugging Procedure

Well Name: 71595

County: Marion

State: WV

API: 47-049-02563

Date: 1/10/2025

GL Elevation: 995'

Unknown casing information and geological information

Formation Depths are estimated based on offset well (**47-049-00597**) information

Big Dunkard Sand	967	1058
Gas Sand	1143	1168
1st Salt Sand	1283	1309
2nd Salt Sand	1383	1410
Little Lime	1703	1708
Big Lime	1713	1783
Big Injun	1783	

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1. Notify DEP Inspector 48 hours in advance of commencement of operations.
2. Check and record pressures on casing and tubing.
3. Pull any production tubing/rods/etc.
4. Check TD.
5. Kill well as needed with 6% bentonite gel. **Ensure 6% Bentonite gel is between each cement plug.**
6. TIH with workstring and set a Class A cement plug from TD to 50' below the casing shoe.
7. TOOH with workstring and WOC.
8. Tag TOC and top off as needed.
9. Make an attempt to pull the casing. If casing will not come out, perforate casing as needed up to 50' below freepoint.
10. TIH and cement from previous cement top to 1550'.
11. Tag TOC and top off as needed.
12. Make an attempt to pull the casing. If casing will not come out, perforate casing as needed up to 50' below freepoint.
13. TOOH and WOC.
14. Set a 50' plug in the stub and above the casing cut point. (100' total)
15. TOOH and WOC.
16. Tag TOC and top off as needed.
17. TIH and cement from previous cement top to 750'.
18. Tag TOC and top off as needed.
19. Make an attempt to pull the casing. If casing will not come out, perforate casing as needed up to 50' below freepoint.
20. TOOH and WOC.
21. TIH with workstring and cement from 350' to surface.
22. Install above ground monument. Monument must be minimum 6" diameter, 30" above ground and 10' below ground to contain API# and date plugged.
23. Reclaim location and well road to WV DEP specifications.

04/04/2025

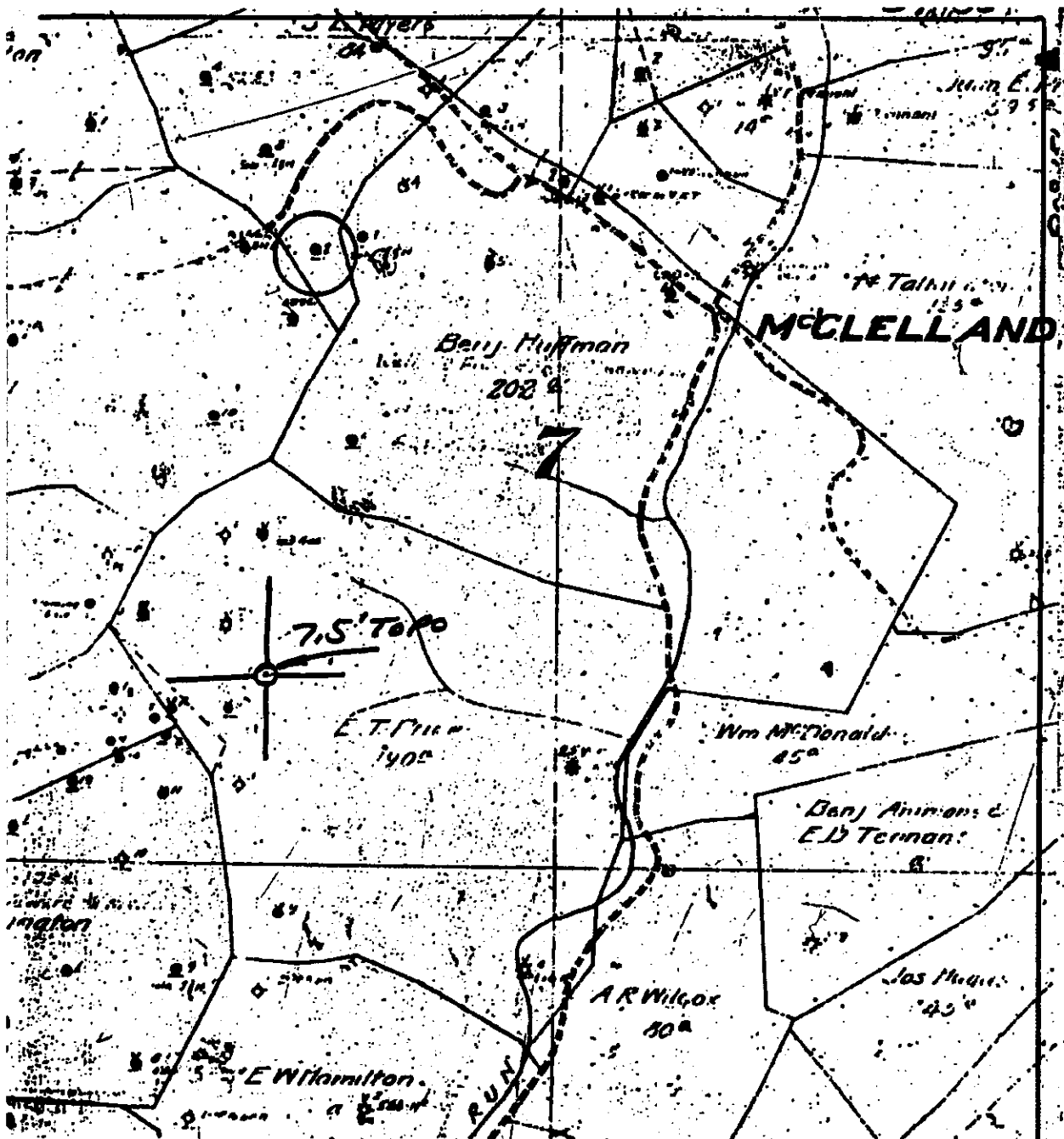
47-049-00597
OFFSET TO 47-049-02563

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Environmental Protection

04/04/2025



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FORM IV-B (8-78)

N7E1B
N51E

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE 1-25-1979
OPERATOR'S WELL NO. 2
AP WELL NO. 47-149-0597
STATE WV COUNTY PERKINS PERMIT RECEIVED

Office of Oil and Gas
MAR 24 1979

WELL TYPE: OIL & GAS — LIQUID INJECTION — WASTE DISPOSAL —
(IF GAS, PRODUCTION — STORAGE — DEEP — SHALLOW —)

LOCATION: ELEVATION 1371 WATER SHED PLUM RUN
DISTRICT LINCOLN COUNTY MARION
QUADRANGLE MARTININGTON 7.5'

SURFACE OWNER _____ ACREAGE _____
OIL & GAS ROYALTY OWNER _____ LEASE NO. _____ LEASE ACREAGE _____

PROPOSED WORK: DRILL — CONVERT — DRILL DEEPER — RE-DRILL — FRACTURE OR
STIMULATE — PLUG OFF OLD FORMATION — PERFORATE NEW
FORMATION — OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON — CLEAN OUT AND RE-PLUG —

TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR Concull Company DESIGNATED AGENT James A. Crawl
ADDRESS P.O. Box 1588 ADDRESS P.O. Box 1588
Perkins, WV 26101 Perkins, WV 26101

SL. MUEL-2

04/04/2025

Well No. *3* *S. L. Myers*
 Lease No. *Lincoln* District *Marion* Farm.
 Rig built by *S. O. Co* County.
 Well drilled by *S. O. Co* Contractor.
 Began drilling *July 2* 1904 Completed *March 18* 1904

ROCK FORMATION	TOP	BOTTOM	SLH	REMARKS
Bluff Sand	390	425		
Maple Run Coal	720	725		
Oriskany "	839	847	839	
Big Run Coal	1349	1440		
Blue Sand	1525	1550		
Gas "	1625	1650		
1st Coal "	1665	1691		
2nd " "	1765	1792		
Waynes "	1950	1985		
Little Run	2015	2090		
Little Run	2090	2095		
Big Run	2095	2165	2110	
Big Run	2165			
Side "	2233		2233	
Well	2238			
Total depth		2274	2274	

CASING RECORD							
	CHANGED TO WELL		PUT IN WELL		PULLED OUT		LEFT IN WELL
	Post	In.	Post	In.	Post	In.	Post In.
10			139	10	139	10	
874			1353	5			
678			2129	8			

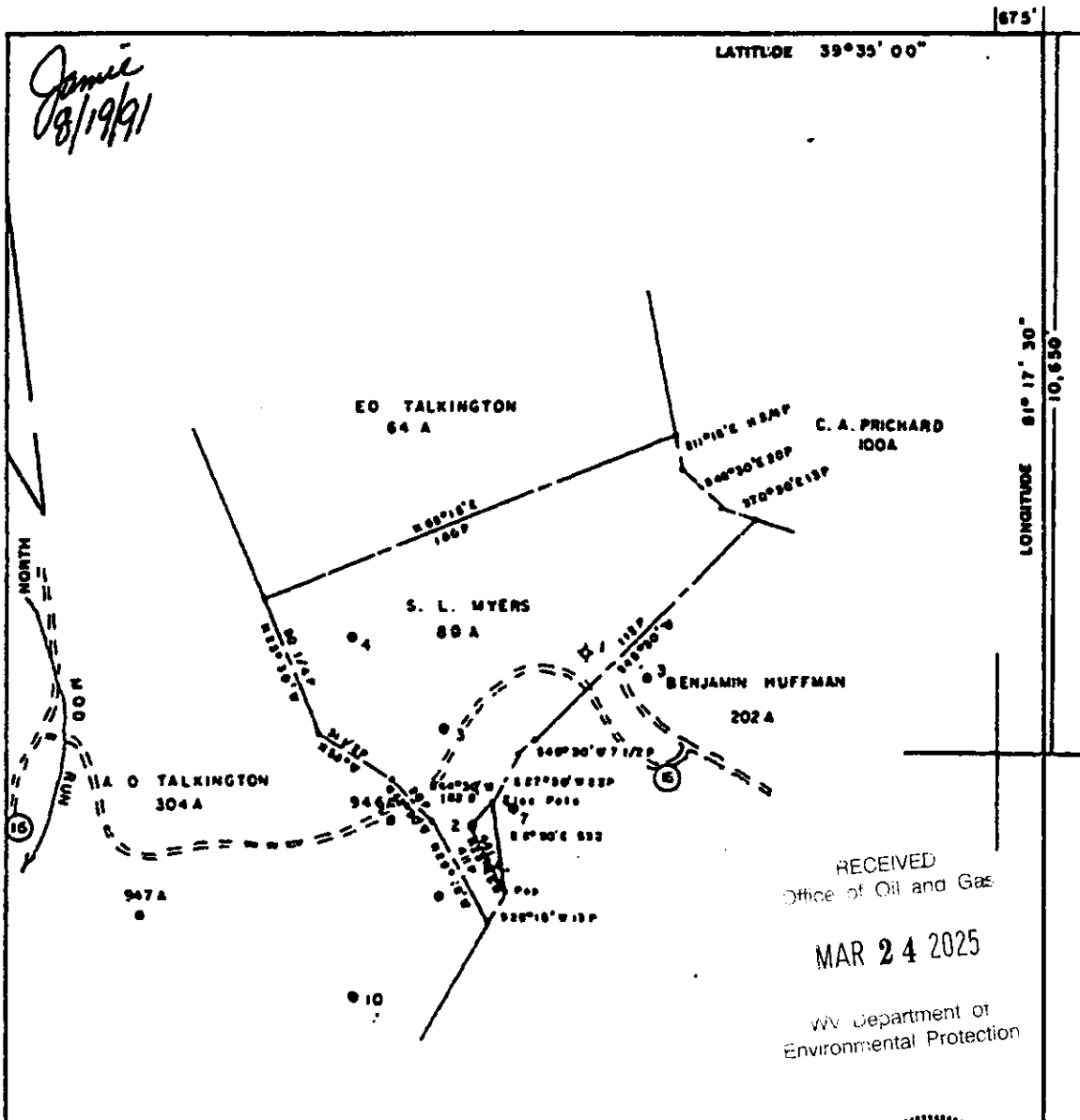
Production First of Month *10* gal. Month *March* *H. R. Williams*

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47-049-0597

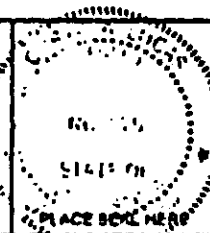
04/04/2025



FILE NO _____
 MAP N5L SOS N7E 1B
 SCALE 1" = 800'
 MINIMUM DEGREE OF
 ACCURACY 1/200
 PROVEN SOURCE OF
 ELEVATION PENNY OIL CO
RECORDS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT
 THIS PLAT IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND BELIEF AND SHOWS ALL THE
 INFORMATION REQUIRED BY LAW AND THE REGU-
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT OF MINES

(SIGNED) Curtis A. Lucas LLS 273



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE AUGUST 3 1991
 FARM S L MYERS NO 2
 API WELL NO Cancelled
47 - 049 - 0597 - D0
 STATE COUNTY PERMIT

(1) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE OIL X GAS X LIQUID INJECTION WASTE DISPOSAL

(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION ELEVATION 1327 WATER SHED MOD RUN
 DISTRICT LINCOLN COUNTY MARION

QUADRANGLE MAWNINGTON

SURFACE OWNER LOREN H EARL ACREAGE

OIL & GAS ROYALTY OWNER JUNE RODE LEASE ACREAGE 80

LEASE NO

PROPOSED WORK DRILL CONVERT DRILL DEEPER X REOILL FRACTURE OR
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION 27TH SAND ESTIMATED DEPTH 3375

WELL OPERATOR G. B. HEFNER & ASSOC DESIGNATED AGENT G. B. HEFNER
 ADDRESS P. O. BOX 249 ADDRESS P. O. BOX 249
BRIDGEPORT WV 26330 BRIDGEPORT WV 26330

FORM IV-6 (8-78)

WV MAIL

MAR 0597 00

04/04/2025

O S E 18 W. Location Made Purchased From
 istic Lincoln Rig Completed 1/20/1914 Date Purchased
 y Marion Dig Commenced 2/3/1914 Sold To
 V. 78. Dig Completed 3/18/1914 Date Sold
 Rights Owned By Dig Contractor S.P. Drilling Tools Date Abandoned

singhead lowered INFORMATION 1'4" Feb. 2, 1940, C.M. Charlton CASING RECORD.

Kind	Top	Bottom	Steel Line Measurement	Tests	Size	Bottom Casing (Steel Line)	Put in Well (Tally Meas)	Picked (Tally Meas)	Cemented
ff Sand	390	445	839		10		239'10"	239'10"	
l. Haplestown	720	725	2110		8 1/4		1353'5"		
Pittsburg	839	847	2233		6 5/8		2129'8"		
rd, 31g	1349	1440	2258						
and	1525	1550	2274						
"	1625	1650							
Salt Sand	1665	1695							
"	1765	1792							
"	1950	1985							
ile Lime	2085	2090							
oil Cave	2090	2095							
Time	2095	2165							
Injun	2165								
	2233								
	2258								

PACKERS AND SHOES

Kind	Size	Depth Set	Date Set

TORPEDO RECORD.

Date	No. Or.	Size Shot	Top Shot	Bottom	Remarks
2/20-1940	20	18" X 6'2"	2254'7"		
11-7-1954	40	3 1/4" X 1'	2259	2260'5"	Notes: Bridge Good Hole

DRILLING DEEPER

Commenced	Completed	Original Depth	Final Depth	Contractor

ABANDONMENT RECORD

Filled With	From	To	Size	Kind	Depth

i Depth 2274
 at 2274 ft. 2-21-40
 26/1940- Lowered Casing Head 16".

14 53 77 p.m. 1940 13,000

Prod.	Sand	At Completion	30 Days After	

APPROVED

WW-4A
Revised 6-07

1) Date: MARCH 18, 2025

2) Operator's Well Number
71595

3) API Well No.: 47 - 049 - 02563

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:

(a) Name KRUZA PATRICIA A B & VALENTIN T B
Address P O BOX 345
MANNINGTON, WV 26582

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector

KENNY WILLETT
Address 2393 TALLMANSVILLE RD
BUCKHANNON, WV 26201
Telephone 681-990-2567

5) (a) Coal Operator

Name _____

Address _____

(b) Coal Owner(s) with Declaration

Name CONSOLIDATION COAL COMPANY, C/O LEATHERWOOD, INC.
Address CNX CENTER
1000 CONSOL ENERGY DRIVE

Name CANONSBURG, PA 15317

Address _____

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Office of Oil and Gas

(c) Coal Lessee with Declaration

Name _____

Address _____

MAR 24 2025
WV Department of
Environmental Protection

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 UNKNOWN - WVDEP PAID PLUGGING CONTRACT

By: JAMES CLAYTON ("CLAY") COCHRAN, PRESIDENT

Its: M&A ENERGY SERVICES LLC

Address 159 PERRY HWY STE 106 264 INDUSTRIAL PARK ROAD

PITTSBURGH, PA 15229 JANE LEW, WV 26378

Telephone 724-338-0327 304-439-4357

Subscribed and sworn before me this 18TH day of MARCH, 2025

My Commission Expires OCTOBER 10, 2029

Notary Public



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
P. WAYNE AMMONS
167 Stalaker Addition
Hornor, WV 26372
My Commission Expires October 10, 2029

Oil and Gas Privacy Notice

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

04/04/2025



264 Industrial Park Road
Jane Lew, WV 26378
304-805-2157

March 18, 2025

KRUZA PATRICIA A B & VALENTIN T B
P O BOX 345
MANNINGTON, WV 26582

Dear KRUZA PATRICIA A B & VALENTIN T B,

Please find enclosed the permit application to plug the following well:

API 47-049-02563, Mannington District, Marion County

This well is part of the contract for the Marion Co. Multi-Well Plugging Package (ARFQ-0313-DEP2500000037). M&A Energy Services LLC is the plugging contractor operating under the Marion Co. Multi-Well Plugging Package contract.

Upon your review and approval of the application, could you please sign and return the surface owner waiver to me. Returning the signed surface owner waiver to me via email is acceptable.

Should you require additional information or assistance, please do not hesitate to let me know.

Thank you for giving M&A Energy Services the opportunity to serve your energy industry needs!

Best regards,

A handwritten signature in blue ink, appearing to read "Wayne", is written over the printed name.

P. Wayne Ammons
Project Manager

264 Industrial Park Road
Jane Lew, WV 26378
304-439-4357 mobile
wammons@ma-resources.com

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04/04/2025

P. WAYNE AMMONS

M&A ENERGY SERVICES LLC

264 INDUSTRIAL PARK ROAD

JANE LEW, WEST VIRGINIA 26378



9589 0710 5270 2126 8987 28

9589 0710 5270 2126 8987 28

MAA25001-19
47-049-02563
Plugging Permit Packet

PS Form 3800, J

KRUZA PATRICIA A B & VALENTIN T B
P O BOX 345
MANNINGTON, WV 26582

SENDER COMPLETE

- Complete items 1, 2
- Print your name and so that we can return
- Attach this card to the front of the package or on the front if space
- Article Addressed to:

KRUZA PATRICIA A B & VALENTIN T B
P O BOX 345
MANNINGTON, WV 26582



9590 9402 5344 9154 8647 91

Article Number (Transfer from service label)

9589 0710 5270 2126 8987 28

PS Form 3811, July 2015 PSN 7530-02-000-9053

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

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

DELIVERY

- ☐ Agent
- ☐ Addressee
- C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

- 3. Service Type
 - ☐ Priority Mail Express®
 - ☐ Registered Mail™
 - ☐ Registered Mail Restricted Delivery
 - ☐ Certified Mail®
 - ☐ Certified Mail Restricted Delivery
 - ☐ Collect on Delivery
 - ☐ Collect on Delivery Restricted Delivery
 - ☐ Mail
 - ☐ Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Restricted Delivery

Domestic Return Receipt

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WV Department of
Environmental Protection

KRUZA PATRICIA A B & VALENTIN T B
P O BOX 345
MANNINGTON, WV 26582

04/04/2025



264 Industrial Park Road
Jane Lew, WV 26378
304-805-2157

March 18, 2025

CONSOLIDATION COAL COMPANY, C/O LEATHERWOOD, INC.
CNX CENTER
1000 CONSOL ENERGY DRIVE
CANONSBURG, PA 15317

Dear CONSOLIDATION COAL COMPANY, C/O LEATHERWOOD, INC.,

Please find enclosed the permit applications to plug the following wells:

API 47-049-02563, Mannington District, Marion County
API 47-049-02573, Mannington District, Marion County

These wells are part of the contract for the Marion Co. Multi-Well Plugging Package (ARFQ-0313-DEP2500000037). M&A Energy Services LLC is the plugging contractor operating under the Marion Co. Multi-Well Plugging Package contract.

Upon your review and approval of the applications, could you please sign and return the mineral owner waivers to me. Returning the signed mineral owner waivers to me via email is acceptable.

Should you require additional information or assistance, please do not hesitate to let me know.

Respectfully and thank you,

A handwritten signature in blue ink, appearing to read "P. Wayne Ammons", is written over a horizontal line.

P. Wayne Ammons
Project Manager

264 Industrial Park Road
Jane Lew, WV 26378
304-439-4357 mobile
wammons@ma-resources.com

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04/04/2025

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CERTIFIED MAIL® RECEIPT

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

Postage at

Consolidation Coal Company
C/O Leatherwood, Inc.
CNX Center
1000 Consol Energy Drive
Canonsburg, PA 15317

Postage at

Consolidation Coal Company
C/O Leatherwood, Inc.
CNX Center
1000 Consol Energy Drive
Canonsburg, PA 15317

Form 3800

P. WAYNE AMMONS
M&A ENERGY SERVICES LLC
264 INDUSTRIAL PARK ROAD
JANE LEW, WEST VIRGINIA 26378

TO:
CONSOLIDATION COAL COMPANY
C/O LEATHERWOOD, INC.
CNX CENTER
1000 CONSOL ENERGY DRIVE
CANONSBURG, PA 15317

M&A25001-19 & M&A25001-23
47-049-02563 & 47-049-02573
Plugging Permit Packets

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CONSOLIDATION COAL COMPANY
C/O LEATHERWOOD, INC.
CNX CENTER
1000 CONSOL ENERGY DRIVE
CANONSBURG, PA 15317



9590 9402 7364 2028 0230 25

2. Article Number (Transfer from service label)

9589 0710 5270 2126 8987 04

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☒ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type
- ☐ Adult Signature
 - ☐ Adult Signature Restricted Delivery
 - ☐ Certified Mail
 - ☐ Certified Mail Restricted Delivery
 - ☐ Collect on Delivery
 - ☐ Collect on Delivery Restricted Delivery
 - ☐ Priority Mail Express®
 - ☐ Registered Mail™
 - ☐ Registered Mail Restricted Delivery
 - ☐ Signature Confirmation™
 - ☐ Signature Confirmation Restricted Delivery

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Office of Oil and Gas

MAR 24 2025

WV Department of
Environmental Protection

04/04/2025

WW-9
(5/16)

API Number 47 - 049 - 02563
Operator's Well No. 71595

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

Operator Name UNKNOWN - WVDEP PAID PLUGGING CONTRACT OP Code

Watershed (HUC 10) BUFFALO CREEK Quadrangle MANNINGTON 7.5'

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

Will a pit be used? Yes ☐ No ☒

If so, please describe anticipated pit waste:

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 system be used? If so, describe: YES. GEL WILL BE CIRCULATED FROM TANK THROUGH WELLBORE AND RETURNED BACK TO TANK

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. FRESH WATER, GEL AND/OR CEMENT

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

Additives to be used in drilling medium? BENTONITE, BICARBONATE OF SODA

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

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

-Landfill or offsite name/permit number? MEADOWFILL, LANDFILL-PERMIT #SWF 1032

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

Company Official (Typed Name) JAMES CLAYTON ("CLAY") COCHRAN

Company Official Title PRESIDENT

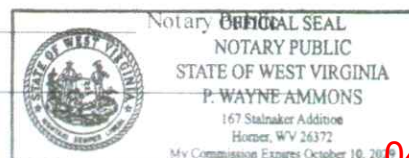
RECEIVED
Office of Oil and Gas

MAR 24 2025

Subscribed and sworn before me this 18TH day of MARCH

2025 Environmental Protection

My commission expires OCTOBER 10, 2029



04/04/2025

Proposed Revegetation Treatment: Acres Disturbed LESS THAN 1 ACRE Prevegetation pH _____Lime 3 Tons/acre or to correct to pH 6.0Fertilizer type 10-20-20 or EQUIVALENTFertilizer amount 500 lbs/acreMulch 2 Tons/acreSeed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		FESCUE	30
		CLOVER	5
		CONTRACTOR MIX	10

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: Ky Willits

Comments: _____

NO PITS WILL BE USED. REMOVE OIL & GAS PRODUCTION DEBRIS [I.E., PUMPJACK, PRODUCTION TANK(S), PIPE, GAS METER(S)] FROM THE SITE. PROPERLY RECLAIM, SEED, AND MULCH ALL DISTURBED AREAS TO DEP STANDARDS

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WV Department of
Environmental ProtectionTitle: Inspector Date: 3/19/25Field Reviewed? (/) Yes () No

04/04/2025

WELL #71595, API #47-049-02563



0.12 MILES±
TO CO. RT 250/8

0.63 MILES±
TO CO. RT. 16

9
1

30 FEET± @
4-8% GRADE

API NO.
47-049-02563

Some small Brush &
Timber to be removed

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

= PROPOSED CULVERT (C) 15" MIN. UNLESS OTHERWISE NOTED

= EXISTING CULVERT

= APPROXIMATE LIMITS OF DISTURBANCE

= PROPOSED STREAM CROSSING (X)

SCALE: 1"=50'

0' 50' 100'

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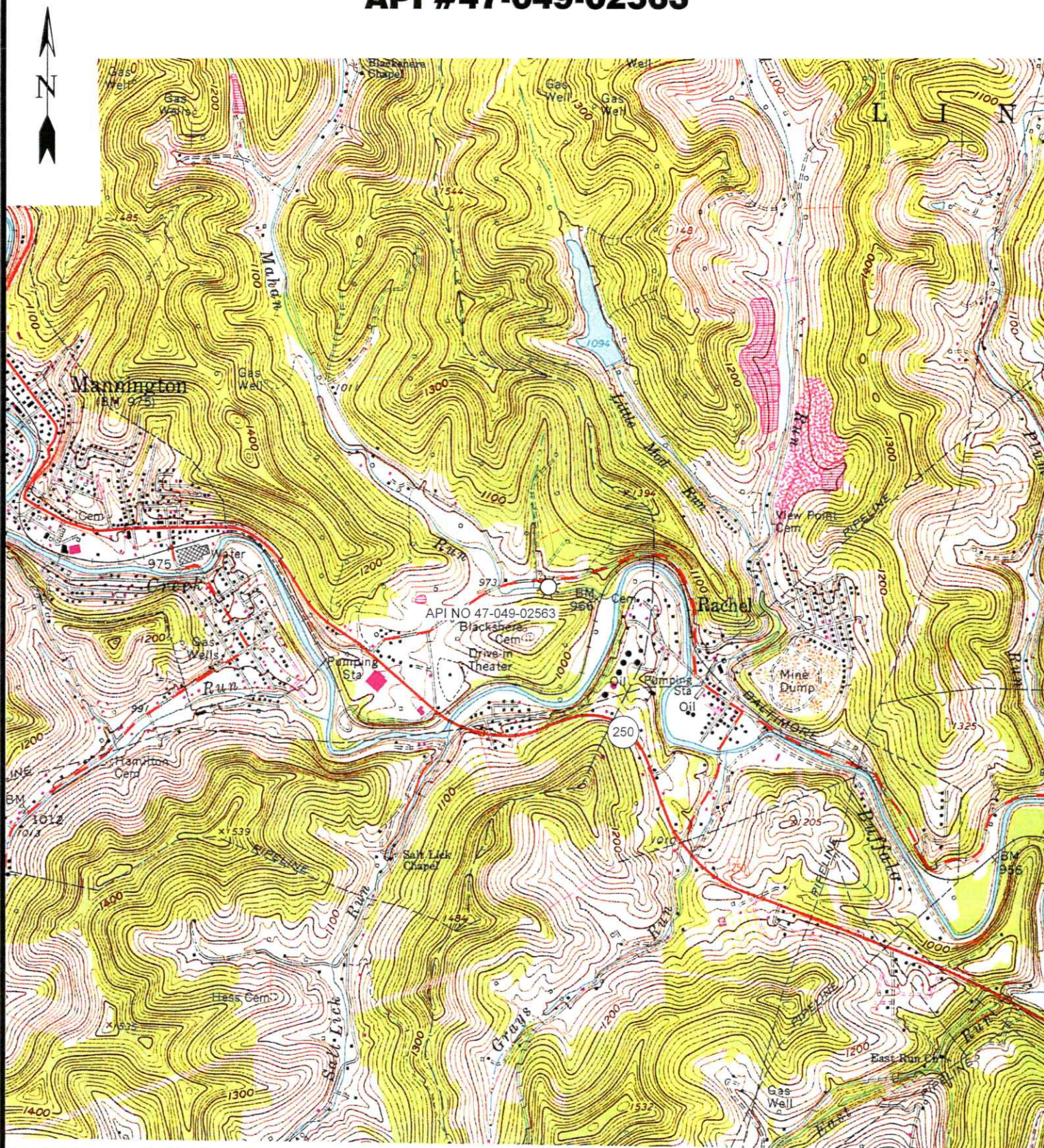
12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.452.3534
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.348.3952
254 East Beckley Bypass | Beckley, WV 26001 | 304.263.4900
slsww.com

CADD FILE: 9537-SURV-REC-R00-GF-031125.DWG
DATE: 3-11-25
FILE NO.: 9537
DRAWN BY: GF

04/04/2025

WELL #71595

API #47-049-02563



12 Vanhorn Drive | P.O. Box 130 | Glenville, WV 26331 | 304.452.3634
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.9295
slswv.com

MANNINGTON 7.5' USGS QUAD

SCALE: 1"=2000'

0' 2000' 4000'



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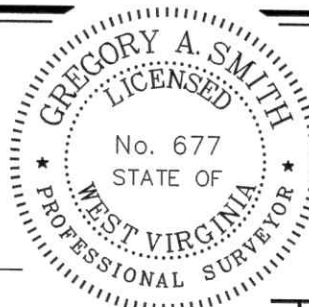
DRAWN BY: GF	FILE NO. 9537	DATE 3-11-25	CADD FILE: 9539-SURV-TOPO-ROO- GF-031125.DWG
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WELL NO. 71595
47-049-02563NAD'83 GEO. LAT-(N) 39.523310 LONG-(W) 80.313693
NAD'83 UTM (M) (ZONE 17) N. 4,375,076.3 E. 558,988.611-20-15
POLE CAT HOLDINGS INC.
250.0 AC.12-13-41
DANNY L. & DAWN HAMMOND
40.65 AC.12-13-57
PATRICIA & VALENTIN KRUIZA
440.814 AC.

CHERRY TREE CREEK

12-13-36
VERNON D. & PARTICIA J.
TOOTHMAN
20.90 AC.13-12-89
BOARD OF EDUCATION
15 AC.3/4" REBAR
FOUNDSUNSHINE ADDITION
SUBDIVISIONACCESS
ROADWELL #71595
47-049-0256311-20-16
KAYLIN MILLER
29.38 AC.11-23-82
ELIZA L. JONES, EST
6.46 AC.MICHAEL ADDITION
SUBDIVISION**LEGEND**LEASE LINE
SURFACE LINE
TIE LINE
CREEK
ROAD
COUNTY ROUTE
PROPOSED WELL
EXISTING WELL
PERMITTED WELL
DISTRICT-TAXMAP-PARCEL 00-00-00**NOTES ON SURVEY**

1. WELL SPOT CIRCLE & TOPO
-
- MARK SCALE IS 1"=2000'.

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slswv.comI THE UNDERSIGNED, HEREBY CERTIFY THAT
THIS PLAT 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 DIVISION OF ENVIRONMENTAL PROTECTION.P.S.
677*Gregory A. Smith*(+) DENOTES LOCATION OF WELL ON UNITED
STATES TOPOGRAPHIC MAPS.

DATE MARCH 14, 20 25

REVISED, 20

OPERATORS WELL NO. 71595

API
WELL NO. 47 — 049 — 02563-P
STATE COUNTY PERMITMINIMUM DEGREE
OF ACCURACY

1 / 2500

FILE NO. 9537-4704902563-Plat-250311-MRH.dwg

HORIZONTAL & VERTICAL
CONTROL DETERMINED BY

SCALE 1" = 1000'

DGPS (SUBMETER MAPPING GRADE TIE TO CORS NETWORK)

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GASWELL TYPE: OIL ☒ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ IF "GAS" PRODUCTION ☐ STORAGE ☐ DEEP ☐ SHALLOW ☒**LOCATION :**

ELEVATION 962' WATERSHED BUFFALO CREEK

DISTRICT MANNINGTON COUNTY MARION

SURFACE OWNER PATRICIA A. & VALENTIN T. KRUIZA

ROYALTY OWNER N/A

QUADRANGLE MANNINGTON 7.5'

ACREAGE 440.814±

ACREAGE N/A

LEASE NO.

PROPOSED WORK :DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD
FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG AND ABANDON ☒ CLEAN OUT AND REPLUG ☐ OTHER ☐

PHYSICAL CHANGE IN WELL (SPECIFY)

TARGET FORMATION UNKNOWN

ESTIMATED DEPTH UNKNOWN

WELL OPERATOR UNKNOWN WVDEP PAID PLUGGING CONTRACT

DESIGNATED AGENT JASON HARMON, WVDEP

ADDRESS 601 57TH STREET

ADDRESS 601 57TH STREET

CHARLESTON, WV 25304 (WVDEP)

CHARLESTON, WV 25304

COUNTY NAME

PERMIT

WW-4B

API No. 47-049-02563

Farm Name _____

Well No. 71595

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 than 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

The undersigned coal operator _____ / owner _____ / lessee _____ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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SURFACE OWNER WAIVER

Operator's Well
Number

71595 (47-049-02563)

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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Environmental Protection

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

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

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

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

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

Signature

Date

Name

By

Its

Date

Signature

Date

04/04/2025

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

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

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Office of Oil and Gas
MAR 24 2025
WV Department of
Environmental Protection

04/04/2025



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

plugging permits issued for 4704902581 02573 02551 02540 02563 02541

1 message

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

Mon, Mar 31, 2025 at 1:03 PM

To: Wayne Ammons <wammons@ma-resources.com>, Kenny S Willett <kenny.s.willett@wv.gov>, Henry J Harmon <henry.j.harmon@wv.gov>, mtrach@wvassessor.com, Clay Cochran <ccochran@ma-energys.com>, Kevin Quesenberry <kquesenberry@ma-resources.com>

To whom it may concern, plugging permits have been issued for 4704902581 02573 02551 02540 02563 02541.

James Kennedy

WVDEP OOG

6 attachments**4704902563.pdf**
3223K**4704902540.pdf**
3476K**4704902581.pdf**
3104K**4704902573.pdf**
3603K**4704902551.pdf**
4391K**4704902541.pdf**
2922K

04/04/2025