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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Friday, August 4, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for B-45-1  
47-041-02876-00-00

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: McQUAIN, STARK  
U.S. WELL NUMBER: 47-041-02876-00-00  
Vertical Plugging  
Date Issued: 8/4/2023

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

## CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. 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.

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 injection \_\_\_\_/ Waste disposal \_\_\_\_/  
(If "Gas, Production \_\_\_\_ or Underground storage \_\_\_\_) Deep \_\_\_\_/ Shallow X
- 5) Location: Elevation 835' Watershed Indian Fork of Sand Fork of Little Kanawha River  
District Courthouse County Lewis Quadrangle Peterson
- 6) Well Operator DEP Paid Plugging Contract 7) Designated Agent Jason Harmon  
Address 601 57th St. Address 601 57th St.  
Charleston, WV 25304 Charleston, WV 25304
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Bryan Harris Name \_\_\_\_\_  
Address P.O.Box 157 Address \_\_\_\_\_  
Volga, WV 26238

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10) Work Order: The work order for the manner of plugging this well is as follows:  
**see Plugging Project: 4704102876 McQuain B-45-1, below**

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

Work order approved by inspector Bryan Harris Date Nov 30, 2022

08/04/2023



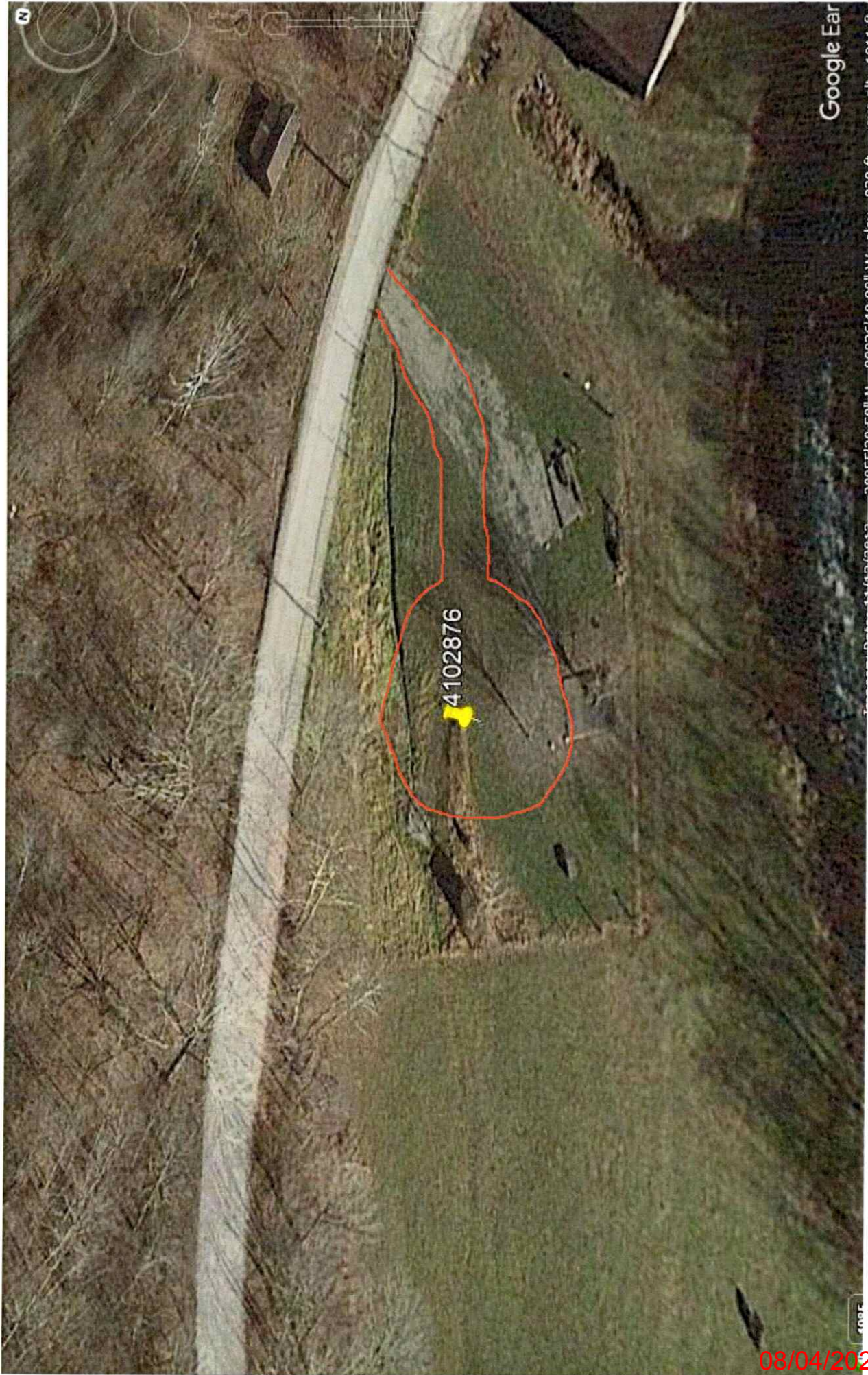
Mar 9, 2023, 2:12 PM

08/04/2023



Mar 9, 2023, 2:12 PM

08/04/2023



08/04/2023

## **SITE PREPARATION**

### **4704102876 McQuain**

200' of Silt fence will need to be installed between access road/location and existing stream.

Access road, approximately 100' long, will need 2" stone applied from county road to location.

Access road will be maintained with additional stone, as needed, during plugging operations.

Well will need to be disconnected from production equipment and 24" cellar installed around well.

Location will need 2" stone spread in a 100' circumference, or as needed for plugging equipment,

Around cellar. All associated plugging equipment must stay on stoned area.

McQUAIN  
PLUGGING PROJECT  
4704102876 McQuain B-45-1

Well detail:

8 5/8", 4 1/2" and 2" tubing visible at surface.  
Tubing and 8 5/8" casing very deteriorated.  
Leaking gas and fluid from 8 5/8" casing.  
Tank and separator connected to well.

Records Show:

Water	65'
Coal	340' - 345'
8 5/8" casing	402' cemented to surface 150sx
Elevation	835'
Balltown	3456' - 3480' producing zone
Benson	4516' - 4544' producing zone.
4 1/2" casing	4776' cemented with 350sx
TD	4779'

Site based conditions:

Well sits less than a hundred feet off county road 21 (Indian Fork) Lewis Co.  
Less than 75' from Indian Fork of Sand Fork of Little Kanawha River.  
Located in a farmers field.  
Tank and separator will need to be removed and soil reclaimed.

08/04/2023





**RECEIVED**

MAY 15 1980

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

OIL & GAS DIVISION  
DEPT. OF MINES  
Rotary  Oil   
Cable \_\_\_\_\_ Gas   
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Quadrangle Peterson  
Permit No. 47-041-2876

Company GENE STALNAKER, INC.  
Address P.O. Box 178 Glenville, WV  
Farm Stark McQuain Acres 108  
Location (waters) Indian Fork  
Well No. B-45-1 Elev. 835'  
District Courthouse County Lewis  
The surface of tract is owned in fee by Addie Bell  
Address Jane Lew, WV  
Mineral rights are owned by Stark McQuain  
Address Walkersville, WV  
Drilling Commenced 1-17-80  
Drilling Completed 1-23-80  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 622,000 cu. ft. per day \_\_\_\_\_ bbls.  
Well open 4 hrs. before test 1535 RP.  
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-1/6			
Cond. 13-10"			
9 5/8			
8 5/8	402'	402'	150 sks.
7			
5 1/2			
4 1/2		4776'	350 sks.
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at -0- Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water \_\_\_\_\_ 65' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Balltown; Benson Depth 3456-3480; 4516-4544.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
No Record			0	1650		
Shale			1650	1714		
Little Lime			1714	1742		
Pencil Cave			1742	1770		
Big Lime			1770	1830		
Keener Sand			1830	1886		
Big Injun			1886	2020		
Shale			2020	2090		
Weir Sand			2090	2204		
Sand, shale			2204	2370		
Gordon Stray			2370	2386		
Shale			2386	2402		
Gordon Sand			2402	2436		
Shale			2436	2592		
Fifth Sand			2592	2600		
Shale			2600	2974		
Speechley Sand			2974	2990		
State			2990	3456		
Balltown			3456	3480		
State			3936	4516		
Benson			4516	4544		
Shale			4544			

\* Indicates Electric Log tops in the Remarks section.

(over)

08/04/2023

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

RECEIVED

JAN 18 1980

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 041-2876

Oil or Gas Well

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Gene Stalnaker	Size			
Address: Letter Gap, W.V.	16			Kind of Packer
Farm: Beall (McQuain)	13			
Well No: B-45-2	10			Size of
District: Court House County: Lewis	8 1/2			
Drilling commenced	6 1/2			Depth set
Drilling completed Total depth	5 3/16			
Date shot Depth of shot	3			Perf. top
Initial open flow /10ths Water in Inch	2			Perf. bottom
Open flow after tubing /10ths Merc. in Inch	Liners Used			Perf. top
Voltage Cu. Ft.				Perf. bottom
Rock pressure lbs. hrs.	CASING CEMENTED SIZE No. FT. Date			
Oil bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY			
Fresh water feet feet	COAL WAS ENCOUNTERED AT FEET INCHES			
Salt water feet feet	FEET INCHES FEET INCHES			
	FEET INCHES FEET INCHES			

Drillers' Names: Malcomb, Collins, Leight

Remarks: Gene Stalnaker Rig #4

Moving on - location A.K. - Pit not made

1-16-80

Robert Bate 501  
DISTRICT WELL INSPECTOR

08/04/2023

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
HOOVER BUILDING, CHARLESTON, W. VA. 25309

RECEIVED

JAN 23 1980

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 041-2876

Oil or Gas Well  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
<u>Gene Stalnaker</u>				
<u>Letter Gap, W.V.</u>	Size			
<u>Beall (McQuain)</u>	16			Kind of Packer
<u>B-45-2</u>	13			Size of
<u>Court House</u> County <u>Lewis</u>	10			Depth set
Drilling commenced <u>1-17-80</u>	8 1/4			Perf. top
Drilling completed	6 1/4			Perf. bottom
Date shot	5 3/16			Perf. top
Initial open flow	3			Perf. bottom
Open flow after tubing	2			Perf. top
Volume	Liners Used			Perf. bottom
Rock pressure	CASING CEMENTED	SIZE	No. FT.	Date
Oil	NAME OF SERVICE COMPANY			
Fresh water	COAL WAS ENCOUNTERED AT <u>340-345'</u> FEET INCHES			
Salt water	FEET	INCHES	FEET	INCHES

Drillers' Names Malcomb Collins Leigh

Remarks: Rig # 4  
Dowell Cemented 402' - 8 5/8" casing with 150 sacks cement  
Plug down 12:30 PM 1-20-80. Did not notify  
Drilling at 750'

1-21-80  
DATE  
DISTRICT WELL INSPECTOR Robert Bates 801

06-11

STATE DEPARTMENT OF OIL AND GAS

INSPECTOR

OG-111A 1-73

DATE ISSUED 12-26-79 COMMENCED 1-17-80 COMPLETED  
 QUAD. Peterson DIST Court House ELEV. 835 PERMIT  
 FARM Beall (McQuain) LOCATION Indian Fork WELL B-45-2  
 OPERATOR Gene Stalnaker AGENT Gene Stalnaker  
 ADDRESS \_\_\_\_\_ ADDRESS B-45-2 Letter Gap  
 TEL. NO. \_\_\_\_\_ TEL. NO. 462-7092  
 CONTRACTOR Gene Stalnaker DRILLER Malcolm Collins, Inc  
 EST. DEPTH 5400 FORMATION Devonian Shale RIG # 4

Permit No. Lew-2876

Company Gene Stalnaker

Address Letter Gap, W.V.

Farm Beall (McQuain)

Well No. B-45-2

District Court House County Lewis

Drilling commenced 1-17-80

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Incht

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Incht

Volume \_\_\_\_\_ Cu. Ft

Rock pressure \_\_\_\_\_ lbs \_\_\_\_\_ hrs

Oil \_\_\_\_\_ bbls., 1st 24 hrs

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Drillers' Names \_\_\_\_\_

Donec 91886 041-2876

CASING			CEMENT		WATER		COAL	
TEN.	ACT.	SIZE	TEN.	ACT.	EXP.	ACT.	EXP.	ACT.
900	<del>775</del>	8 1/2	400	150 lbs	50	70'		21-23
5400		4 1/2				30'		340-345

DATE	REMARKS
1-16-80	Moving on loc. OK pit not made
1-18-80	Doxer bored trying to build pit
1-20-80	12:30 PM plug down Did not notify
1-23-80	T.D. 4776'
9-12-80	Coming out top log - good show Prod - Reclaimed - Not identified
11-14-80	Prod - Reclaimed - Identified
	OK to release
	RECEIVED NOV 18 1980
	OIL & GAS DIVISION DEPT. OF MINES

Remarks:

Producing

Reclaimed

Identified

OK to release

11-14-80  
DATE

Robert Bates SOI  
DISTRICT WELL INSPECTOR

McQUAIN  
PLUGGING PROJECT  
4704102876 McQuain B-45-1

**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. Install 24" cellar around well.
2. Rig up to 4 1/2" casing. Load hole with water. Check TD.
3. Run 2sx Gel followed by 40sx cement plug from 4750' - 4300'. covering Benson.
4. Tag Plug, Set cement plug from 3650' - 3200'. covering Balltown.
5. Run a bond log on 4 1/2" casing.
6. Gel hole to 50' below freepoint.
7. Freepoint 4 1/2" casing and pull.
8. Set 200' cement plug across freepoint.
9. Tag plug, add cement if needed.
10. Gel hole to surface. Set cement plug form 900' - 800'. across elev.
11. Set cement plug from 450'-300'. across casing seat and coal.
12. Set cement plug 100' - surface.
13. Set monument and reclaim.
14. 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.

08/04/2023

1) Date: June 2, 2023  
2) Operator's Well Number  
McQuain B-45-1

3) API Well No.: 47 - 041 - 02876

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

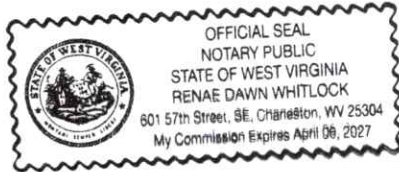
<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>Franklin Beall</u>	Name <u>NA</u>
Address <u>43 Fenton Pl.</u>	Address _____
<u>Clarksburg, WV. 26301</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Na</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
<b>6) Inspector</b> <u>Bryan Harris</u>	(c) Coal Lessee with Declaration
Address <u>P.O.Box 157</u>	Name <u>Na</u>
<u>Volga, WV 26238</u>	Address _____
Telephone <u>304-553-6087</u>	_____

**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator DEP Paid Plugging Contract  
 By: Jason Harmon  
 Its: 601 57th St.  
 Address Charleston, WV 25304  
 Telephone 304-926-0450

Subscribed and sworn before me this 24th day of July 2023  
Renae Dawn Whitlock Notary Public  
 My Commission Expires April 6, 2027

**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](mailto:depprivacyofficer@wv.gov).

08/04/2023

**SURFACE OWNER WAIVER**

Operator's Well  
Number

McQuain B-45-1

**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 57<sup>th</sup> 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;
- 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,  
ETC.

      *W. W. Bell*       Date 6-1-23 Name  
Signature By

DEP Paid Plugging Contract  
By Bryan Harris Inspector Specialist  
Its \_\_\_\_\_ Date \_\_\_\_\_

Signature *Bryan Harris* Date 6-1-23  
**08/04/2023**

WW-9  
(5/16)

API Number 47 - 041 - 02876  
Operator's Well No. McQuain B-45-1

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) Indian Fork of Sand Fork of Little Kanawha River Quadrangle Peterson

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: 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

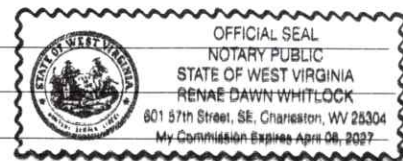
-Landfill or offsite name/permit number? Na

Permittee shall provide written notice to the Office of Oil and 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 Jason Harmon  
Company Official (Typed Name) Jason Harmon  
Company Official Title Deputy Chief



Subscribed and sworn before me this 24th day of July, 20 23

Renae Dawn Whitlock Notary Public

My commission expires April 6, 2027

08/04/2023



Proposed Revegetation Treatment: Acres Disturbed less than 1 acre Prevegetation pH \_\_\_\_\_

Lime 2 tons Tons/acre or to correct to pH \_\_\_\_\_

Fertilizer type 20-20-20

Fertilizer amount 500 lbs lbs/acre

Mulch 2 tons Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Meadow Mix	30 lbs
		Clover	5 lbs
		Contractor Mix	10 lbs

**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: Bryan Harris

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Field Reviewed?     Yes     No    June 2, 2023

## **Site Reclamation**

**4704102876 McQuain**

All associated production equipment will need to be removed. All areas disturbed, outside of location and access road, will be smoothed, seeded and mulched to state specifications. Location and access road to be graded and smoothed. All stone will be left for landowner. Silt fence will be removed.

08/04/2023

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 4704102876 WELL NO.: McQuain B-45-1

FARM NAME: Stark McQuain

RESPONSIBLE PARTY NAME: DEP Paid Plugging Contract

COUNTY: Lewis DISTRICT: Courthouse

QUADRANGLE: Peterson

SURFACE OWNER: Franklin Beall

ROYALTY OWNER: Stark Heirs/Bennett

UTM GPS NORTHING: 5 33 688

UTM GPS EASTING: 43 08 770 GPS ELEVATION: 835'

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

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

Survey grade GPS \_\_\_\_ : Post Processed Differential \_\_\_\_

Real-Time Differential \_\_\_\_

Mapping Grade GPS  : Post Processed Differential \_\_\_\_

Real-Time Differential \_\_\_\_

4. **Letter size copy of the topography map showing the well location.**

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

Bryan Harris

Inspector Specialist

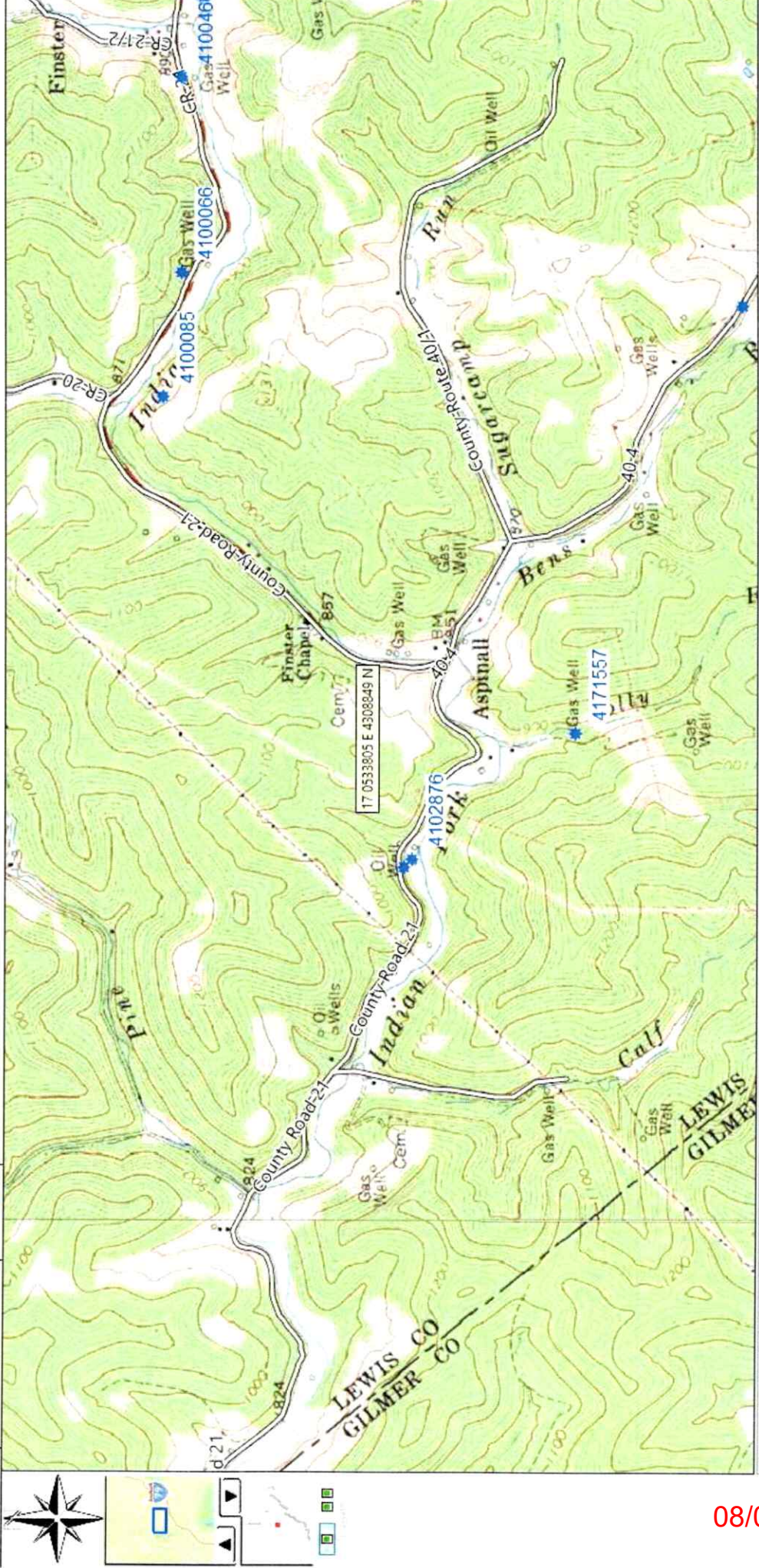
June 2, 2023

Signature

Title

Date

08/04/2023



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

08/04/2023

WW-4B

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 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 \_\_\_\_\_

08/04/2023



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

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## plugging permit issued 4704102876

1 message

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

Fri, Aug 4, 2023 at 9:42 AM


To: Henry J Harmon <henry.j.harmon@wv.gov>, Bryan O Harris <bryan.o.harris@wv.gov>, jbreen@assessor.state.wv.us, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>

To whom it may concern a plugging permit has been issued for 4704102876.

James Kennedy

WVDEP OOG

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 **4704102876.pdf**  
3010K

08/04/2023