



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

Friday, April 8, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET
CHARLESTON, WV 25304

Re: Permit approval for 6
47-015-00341-00-00

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: 6
Farm Name: OTTO, BODO
U.S. WELL NUMBER: 47-015-00341-00-00
Vertical Plugging
Date Issued: 4/8/2022

Promoting a healthy environment.

04/08/2022

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

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

4701500341

WW-4B
Rev. 2/01

1) Date 2/15, 20 22
2) Operator's Well No. OTTO #6
3) API Well No. 47-015-00341

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

5) Location: Elevation 679' Watershed ELK RIVR
District UNION County CLAY Quadrangle ELKHURST

6) Well Operator DEP PAID PLUGGING CONTRACT Designated Agent JASON HARMON
Address 601 57TH STREET S.E. Address 601 57TH STREET S.E.
CHARLESTON, WV 25304 CHARLESTON, WV 25304

8) Oil and Gas Inspector to be notified
Name ALLEN D FLOWERS
Address 165 GRASSY LICK ROAD
LIBERTY, WV 25124

9) Plugging Contractor
Name DEP PAID PLUGGING CONTRACT
Address 601 57TH STREET S.E.
CHARLESTON, WV 25304

10) Work Order: The work order for the manner of plugging this well is as follows:
See plugging prognosis on next page.

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

Work order approved by inspector ALLEN D FLOWERS Date 2/15/2022

04/08/2022

Well - OTTO # 6
PLUGGING PROJECT
API #47-015-00341

I. SPECIAL PROVISIONS

1.0 Location/Site Description

Located at Montana Drive Procious, WV 25164

The GPS location is as follows:

Coordinates, Decimal Degrees 38.463064 E; -81.179216 W

Directions to site:

From the Charleston Area:

Take I-79 N 19 miles to exit 19 Clendenin. Turn right on Buff lick Rd continue 2.6 miles. Turn left on Rte 4 and continue 13 miles. Turn right on Elkhurst Rd continue 3.2 miles. Turn left on Montana drive continue 0.6 mile, cross stream to the well site on the right in field.

Approaching from the Clarksburg Area:

Take I-79 S to exit 19 Clendenin. Turn left on Buff lick Rd continue 2.6 miles. Turn left on Rte 4 and continue 13 miles. Turn right on Elkhurst Rd continue 3.2 miles. Turn left on Montana drive continue 0.6 mile, cross stream to well site on the right in field.

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04/08/2022

WELL API # 47 – 015-00341

OTTO # 6

PLUGGING WORK ORDER

The work order for the manner of plugging this well is as follows:

1. Notify inspector specialist, Allen Flowers @ (304) 552-8308.
Email address is Allen.D.Flowers@wv.gov , **Notification is required 24 hrs prior to commencing plugging operations.**
2. Move in and rig up to existing 8-1/4 inch casing.
3. TIH pull all 2" tubing and packer if found.
4. TIH check TD @ or below 530'. If TD cannot be reached begin cleaning out hole to approved depth/TD by inspector.
5. Once TD has been reached and approved by inspector a bond log will be ran inside the 5-3/16 casing to determine cement bond location and free points. Any casing found with out cement in the annulus that cannot be retrieved must be perforated at all required locations.
6. TIH to TD @ 530' with tubing, spot 6% gel followed by cement from 530' to 310'. TOH, WOC tag top of plug. Add cement if needed. *FREE POINT, CUT & POOH W/ 5 3/16 CASING*
7. TIH with tubing, spot 6 % GEL AND SET 150' CEMENT PLUG ACROSS THE CASING CUT AT 200'. *CEMENT PLUG WOULD BE FROM 250' - 100'. TOOH.*
8. TIH and free point the 6-5/8s casing @ 100', If casing cannot be removed Perforate @ approved location by Inspector specialist.
9. TIH and free point the 8-1/4 casing @ 36'. If casing cannot be removed attempt to grout casing from surface to 36' or approved depth by Inspector specialist.
10. TIH with tubing, spot 6 % gel. *AND CEMENT TO SURFACE*
11. Rig down and install monument, reclaim site.
NOTE.. Any casing found in the well with out cement in the annulus that Cannot be retrieved must be perforated and cemented at all saltwater, Freshwater, coal, gas, casing shoe and elevation points.

OTTO # 6 WELL PLUGGING PROJECT (47-015-00341)

Well detail:

The Office of Oil and Gas has the drillers log for the OTTO # 6, API # 47-015-00341. The well was completed 05/1943 and produced oil and gas. The well record shows TD at 533'. 36' of 8-1/4 inch casing, 101' of 6-5/8 casing, 361' of 5-3/16 casing and 533' of 2" tubing. There is no indication from the well record that cement was applied to any of the casing strings. The 2" tubing was perforated from 527' to 533'. The 2" tubing may be on a packer. The well record shows fresh water at 17' and no coal was reported. The well is currently shut in at the well head. There is a 2" production line that connects the well head to a 100 bbl oil tank that is located on the well site. The well has leaked oil and produced water at the surface casing (8-1/4"). The oil and produced water have been confined to the well site at this time. The producing formation is the salt sand. The well was last produced in 2013.

Site-based considerations:

The OTTO # 6 (API # 47-015-00341) is located 50' from Montana Drive on the right side of the road in a small field. The Office of Oil and Gas will work with Miss Utility to mark all subsurface utilities. Tree limbs and brush will need to be removed from road sides and well site to allow for mobilizing equipment. Stone will be applied to road when necessary. The well site is flat and grass covered. There will be a location close to the well site that can be used for parking and staging additional equipment. There is a stream crossing to access the well site. The contractor will be required to install and maintain the stream crossing for the duration of the plugging project that has been approved by the DEP, Office of Oil and Gas. The well has flowed oil from a hole in the surface casing (8-1/4"). The amount of oil that leaked is unknown, the oil spill did reach the stream below the well. The current PSI at the well head is unknown. The well is not currently leaking, but could start at anytime.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

4701500341P

WELL RECORD

Permit No. Gla-341

Oil or Gas Well Oil

Company Laurel Producing Co.
Address Charleston, W. Va.
Farm Bodo Otto Acres 485
Location (waters) Big Laurel
Well No. 6 Elev. 679
District Union & Henry County Clay
The surface of tract is owned in fee by _____
Address _____
General title are owned by Chas. F. Auto, Agents,
Willi report, Pa. Address _____
Drilling commenced May, 3, 1943.
Drilling completed May, 27, 1943.
Date Shot Not shot From _____ To _____
With _____
Open Flow _____ /10ths Water In _____ Inch
_____ /10ths Merc. In _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ FOUR bbls., 1st 24 hrs.
Fresh water _____ feet 17 feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packler
16			
13			
10			Size of
8 1/2	<u>36'-5"</u>	<u>36'-5"</u>	
6 1/2	<u>101'</u>	<u>101'</u>	Depth set
5 3/16	<u>361'-1"</u>	<u>361'-3"</u>	
3			Perf. top
2	<u>533'-10"</u>	<u>533'-10"</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Gravel			0	33			
Sand			35	65			
Slate	Blue		65	118			
Lime			118	140			
Sand			140	163			
Slate			163	204			
Sand	White		204	233			
Slate			233	258			
Sand			258	292			
Slate	Blue		292	323			
Lime			323	390			
Sand			390	401			
Slate	Blue		401	411			
Lime			411	425			
Slate	Blue	Hard	425	438			
Slate	Blue		438	458			
Slate	Black		458	468			
Lime			468	488			
Slate			488	502			
Sand			502	509			
Shale			509	518			
Sand & Shale			518	525			
Sand	White		525	535	Oil	527' - 535'	

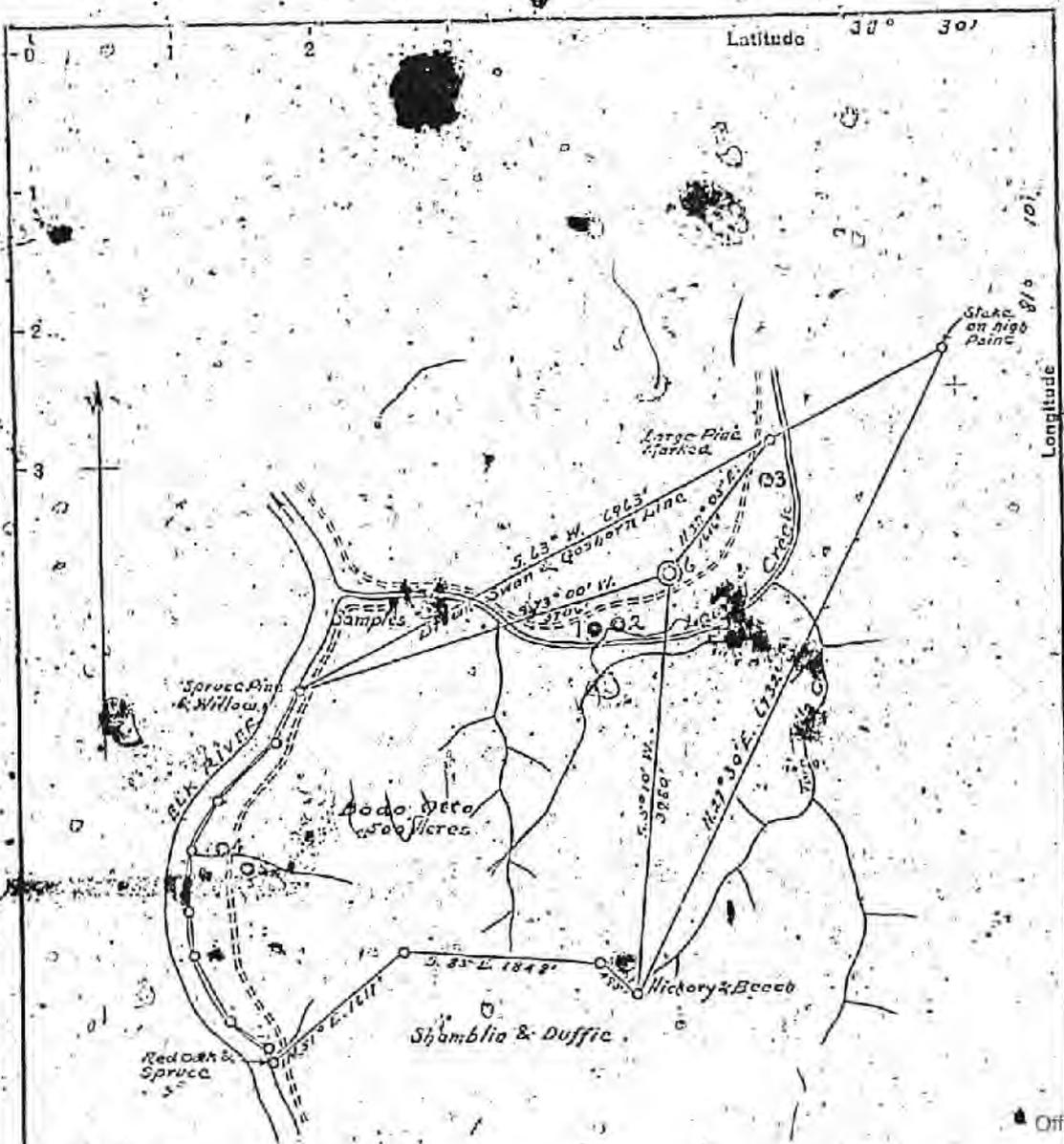


[Handwritten signature]

(Over)

04/08/2022

4701500341



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FEB 18 2022
WV Department of
Environmental Protection

New Location
 Drill Deeper
 Abandonment

Company Laurel Producing Co.,
 Address Charleston, W. Va
 Farm Bodo Otto
 Tract _____ Acres 500 Lease No. _____
 Well (Farm) No. 6 Serial No. _____
 Elevation (Spirit Level) 679 Topo. Ect.,
 Quadrangle Clay
 County Clay District Union
 Engineer Paul S. [Signature]
 Engineer's Registration No. 3
 File No. _____ Drawing No. _____
 Date 4-2-43 Scale 1" = 1320'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. CLA-341

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

IMPROVED PLOT OF CLOSURE
 S.A. & CO., N.Y.

04/08/2022

WW-4A
Revised 6-07

1) Date: 2/15/2022
 2) Operator's Well Number
OTTO # 6
 3) API Well No.: 47 - 015 - 00341

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:	5) (a) Coal Operator
(a) Name <u>GARY KING</u>	Name <u>N/A</u>
Address <u>PO BOX 370</u>	Address _____
<u>CLAY, WV 25043-25043</u>	_____
(b) Name <u>N/A</u>	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name <u>N/A</u>	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>ALEN D FLOWERS</u>	(c) Coal Lessee with Declaration
Address <u>165 GRASSY LICK ROAD</u>	Name <u>N/A</u>
<u>LIBERTY, WV 25124</u>	Address _____
Telephone <u>(304) 552-8308</u>	_____

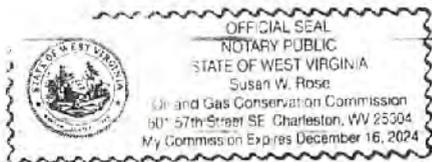
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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: Henry J. Harmon Jason Harmon
 Its: APWE Manager
 Address 601 57TH STREET S. E.
CHARLESTON, WV 25304
 Telephone (304) 926-0499 EX 41100



RECEIVED
Office of Oil and Gas

Subscribed and sworn before me this 17th day of February, 2022
Susan W. Rose Notary Public
 My Commission Expires 12-16-24

FEB 18 2022
 WV Department of
 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 depprivacyofficer@wv.gov.



west virginia department of environmental protection

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

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

February 17, 2022

Gary King
PO Box 370
Clay, WV 25043

9489 0090 0027 6362 2652 51

RE: Well API 47-015-00341 (Otto #6) & 47-015-00518 (Otto #7) plugging permit application notices

Mr. King,

Records held by the Office of Oil and Gas (OOG) indicate that you are the landowner of a property located at Montana Drive in Prociuous, WV further identified on tax forms as Parcel ID: 08-06-0010-0043-0000. The WVDEP's Abandoned Well Plugging Program is proceeding forward with plans to permanently plug and abandon the subject well(s) located on that property. Pursuant to W. Va. Code § 22-6-9, you are entitled to receive notice of permit application(s).

Please find the closed plugging permit applications for 47-015-00341 (Otto #6) and 47-015-00518 (Otto #7). If you have any questions or concerns, please contact me at (304) 926-0499 ext. 41102.

Respectfully,

A handwritten signature in blue ink that reads 'Jason Harmon'.

Jason Harmon
Deputy Chief

[Track Another Package +](#)

Tracking Number: 9489009000276362265251

[Remove X](#)

Your item was picked up at the post office at 11:38 am on February 22, 2022 in CLAY, WV 25043.

USPS Tracking Plus® Available [v](#)

Delivered, Individual Picked Up at Post Office

February 22, 2022 at 11:38 am
CLAY, WV 25043

[Feedback](#)

Get Updates [v](#)

- Text & Email Updates** [v](#)
- Return Receipt Electronic** [v](#)
- Tracking History** [v](#)
- USPS Tracking Plus®** [v](#)
- Product Information** [v](#)

[See Less ^](#)

04/08/2022

SURFACE OWNER WAIVER

Operator's Well
Number

47 - 015 - 00341 P

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;
- 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

04/08/2022
Date

WW-4B

API No.	<u>47 - 015 - 00341 P</u>
Farm Name	<u>GARY KING</u>
Well No.	<u>OTTO # 6</u>

**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: 2/15/2022

N/A, no coal operator or coal lease

By: _____ RECEIVED
Office of Oil and Gas

Its _____ FEB 18 2022

WV Department of
Environmental Protection

04/08/2022

WW-9
(5/16)

4701500341P

API Number 47 - 015 - 00341
Operator's Well No. OTTO # 6

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) ELK RIVER Quadrangle ELKHURST

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: N/A

Will a synthetic liner be used in the pit? Yes No If so, what ml? _____

Proposed Disposal Method For Treated Pit Wastes: ANY WELL EFFLUENT MUST BE CONTAINED IN TANKS BEFORE DISPOSING OFF SITE. JWH

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number UNKNOWN AT THIS TIME)
- 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: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

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

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. OFF SITE DISPOSAL

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

-Landfill or offsite name/permit number? UNKNOWN AT THIS TIME.

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, OFFICE OF OIL AND GAS

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Office of Oil and Gas

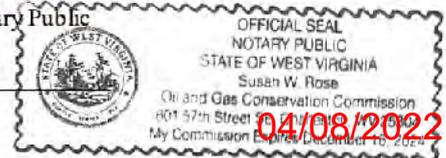
FEB 18 2022

WV Department of
Environmental Protection

Subscribed and sworn before me this 17th day of February, 20 22

Susan W. Rose

Notary Public



My commission expires 12-16-24

Proposed Revegetation Treatment: Acres Disturbed 0.5 Prevegetation pH UNKNOWN

Lime 2-3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount 400 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

N/A

FESCUE

40

LANDINO CLOVER

5

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: ALLEN D FLOWERS

Comments: All trees and brush cut at the well site or service road must be hauled away to off site disposal.

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FEB 18 2022

Title: Inspector specialist

Date: 2/15/2022

WV Department of Environmental Protection

Field Reviewed? (X) Yes () No

47-015-00341P



Jul 12, 2021, 11:14 AM

04/08/2022

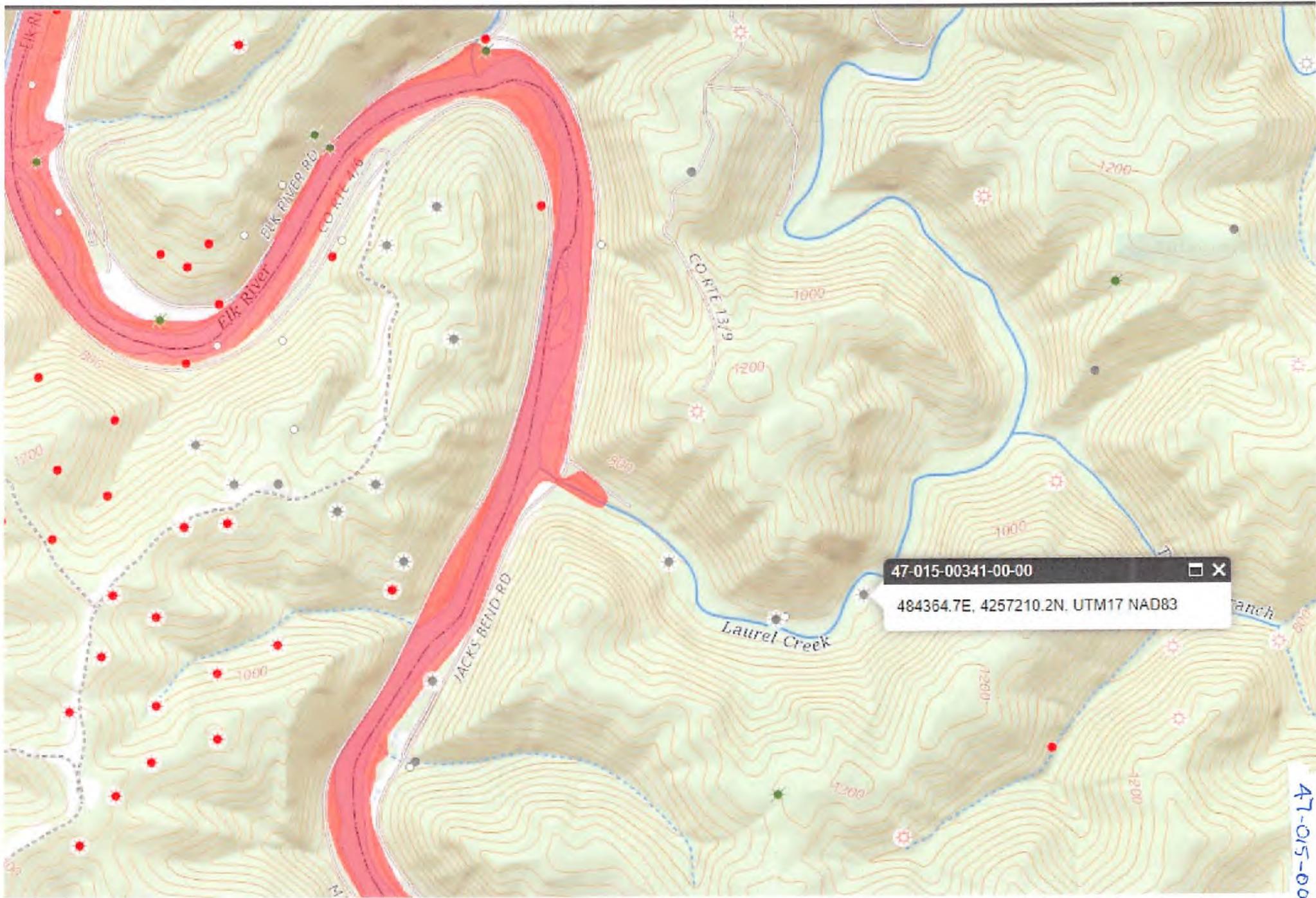


47-015-00341 P

47-015-00341-00-00
484364.7E, 4257210.2N, UTM17 NAD83



04/08/2022



47-015-00341-00-00
484364.7E, 4257210.2N, UTM17 NAD83



47-015-00341P



4701500341P

RECEIVED
Office of Oil and Gas
FEB 18 2022
WV Department of
Environmental Protection



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47 - 015 - 00341 WELL NO.: OTTO # 6

FARM NAME: BOTO OTTO

RESPONSIBLE PARTY NAME: DEP PAID PLUGGING CONTRACT

COUNTY: CLAY - 015 DISTRICT: UNION

QUADRANGLE: ELKHURST

SURFACE OWNER: GARY KING

ROYALTY OWNER: N/A

UTM GPS NORTHING: 4257210.2

UTM GPS EASTING: 484364.7 GPS ELEVATION: 679'

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.

ALLEN D FLOWERS
Signature

Inspector specialist
Title

2/15/2022
Date

RECEIVED
Office of Oil and Gas

FEB 18 2022

WV Department of
Environmental Protection

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

RECEIVED
Office of Oil and Gas

FEB 18 2022

WV Department of
Environmental Protection

04/08/2022



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

DEP Contract - Plugging Vertical Well Work Permit API: 47-015-00341)

1 message

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

Fri, Apr 8, 2022 at 9:28 AM

To: "Flowers, Allen D" <allen.d.flowers@wv.gov>, Douglas Newlon <douglas.c.newlon@wv.gov>, "James, Jeremy E" <jeremy.e.james@wv.gov>, tdavis@wvassessor.com

I have attached a copy of the newly issued well [permit](#) number. This will serve as your copy.

47-015-00341 - 6 - BODO OTTO

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

Thank you,

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

2 attachments **47-015-00341 - Copy.pdf**
5642K **IR-8 Blank.pdf**
233K**04/08/2022**