



west virginia department of environmental protection

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

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

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

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for Hull 1
47-097-03866-00-00

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: Bob Hull
U.S. WELL NUMBER: 47-097-03866-00-00
Not Available Plugging
Date Issued: 4/4/2023

Promoting a healthy environment.

04/07/2023

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

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.

1) Date Feb 16, 2023
2) Operator's
Well No. Hull 1
3) API Well No. 47-097 - 03866

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 1466' Watershed Bull Run of French Creek of Buckhannon River
District Meade County Upshur Quadrangle Adrian

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

10) Work Order: The work order for the manner of plugging this well is as follows:
see Plugging Project: 4709703866 Hull 1, below

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 Feb 16, 2023

04/07/2023

HULL PACKAGE
4709703866 Hull 1

V.

REMEDICATION AND/OR PLUGGING WORK PLAN

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

1. Move in rig up to 6 5/8" casing.
2. Load hole with water. Check TD.
3. Run in hole to TD, Run 2 sks Gel followed by 200' cement plug . Pull work string, WOC. Tag plug, add cement if needed. Shot Hole.
4. Pull 6 5/8" casing. Gel hole to 700'.
5. Set cement plug 1800' - 1700' to cover casing seat. Tag plug, add cement if needed.
6. Set cement plug 1500' to 1400' to cover elevation. Tag plug,
7. Set cement plug 1100' - 1000' to cover salt water. Tag plug.
8. Pull 8 1/4" casing, set cement plug from 700' to 600' to cover casing seat. WOC.
9. Pull 10" casing.
10. Pull 16" casing.
11. Set cement plug from 200' to surface.
12. Set monument. Reclaim

NOTE.. Any casing found in the well with out cement in the annulus that cannot be retrieved must be perforated and cement at all saltwater, freshwater, coal, oil, gas, casing shoe and elevation points.

Bond log my be required.
Class A or Class L cement required.

04/07/2023



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HULL PACKAGE
4709703866 Hull 1

Well detail:

No records available for this well.
Sits in farmers field a few hundred feet from 4709700007.
6 5/8" visible at surface.
Farmer broke casing off at ground level 30+ years ago.
No production equipment or tank.
Well leaking gas at surface.
Elev. 1468'

Offset well 4709700007 Burrough 1.

Offset Records indicate:

Elev	- 1471'
13"	- 16'
10"	- 91'
8 1/4"	- 647'
6 5/8"	- 1754'
2"	- 2136'
TD	- 2136'

Water	- 12' and 140'
Salt water	- 1060' and 1070'
Gas show	- 2089'
Packer set in 6 5/8'	@ 2013'

Site-based considerations:

Well is located in the field between 9700007 Burrough 1
and the Booney Hull Road.
Located 20' from Bull Run of French Creek of Buckhannon River.
Approximately 200 yds off Booney Hull Road.
Access road will need to be maintained thru farmers field.
Additional E & S structures as needed.

WW-4A
Revised 6-07

1) Date: Feb 16, 2023
2) Operator's Well Number
Hull 1

3) API Well No.: 47 - 097 - 03866

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>Bob Hull</u>	Name <u>NA</u>
Address <u>528 Booney Hull Road</u>	Address _____
<u>Buckhannon, WV. 26201</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Rosco LLC.</u>
_____	Address <u>P.O.Box 219</u>
(c) Name _____	<u>100 Broadway Ave. Coalton, WV. 26257</u>
Address _____	Name _____
_____	Address _____
6) Inspector <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>	_____

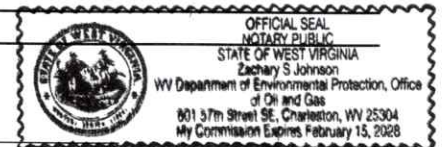
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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 *Jason Harmon*
 Its: 601 57th St.
 Address Charleston, WV 25304
 Telephone 304-926-0450



Subscribed and sworn before me this 4th day of April 2023

Notary Public

My Commission Expires 2-15-28

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 depprivacyoffier@wv.gov.

04/07/2023

SURFACE OWNER WAIVER

Operator's Well
Number

Hull 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 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,

Bob Hull

Signature

Date 03-07-23

Name
By
Its

DEP Paid Plugging Contract

Bryan Harris Inspector Specialist

Bryan Harris
Signature

Date

3-7-23
Date

04/07/2023

WW-4B

API No. 4709703866
Farm Name BOB HULL
Well No. Hull 1

**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 X / 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: 3-7-23

Mike Ross
By: _____
Its owner

04/07/2023

WW-9
(5/16)

API Number 47 - 097 - 03866
Operator's Well No. Hull 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) Bull Run of French Creek of Buckhannon River Quadrangle Adrian

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

Will a pit be used? Yes No

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 4th day of April, 2023

Zach Johnson Notary Public
My commission expires 2-15-28



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: _____

Title: _____ Date: Feb 16, 2023

Field Reviewed? Yes No

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 4709703866 WELL NO.: Hull 1
FARM NAME: Bob Hull
RESPONSIBLE PARTY NAME: DEP Paid Plugging Contract
COUNTY: Upshur DISTRICT: Meade
QUADRANGLE: Adrian
SURFACE OWNER: Bob Hull
ROYALTY OWNER: Anna Maureen Hull
UTM GPS NORTHING: 5 60 654
UTM GPS EASTING: 43 08 461 GPS ELEVATION: 1466'

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

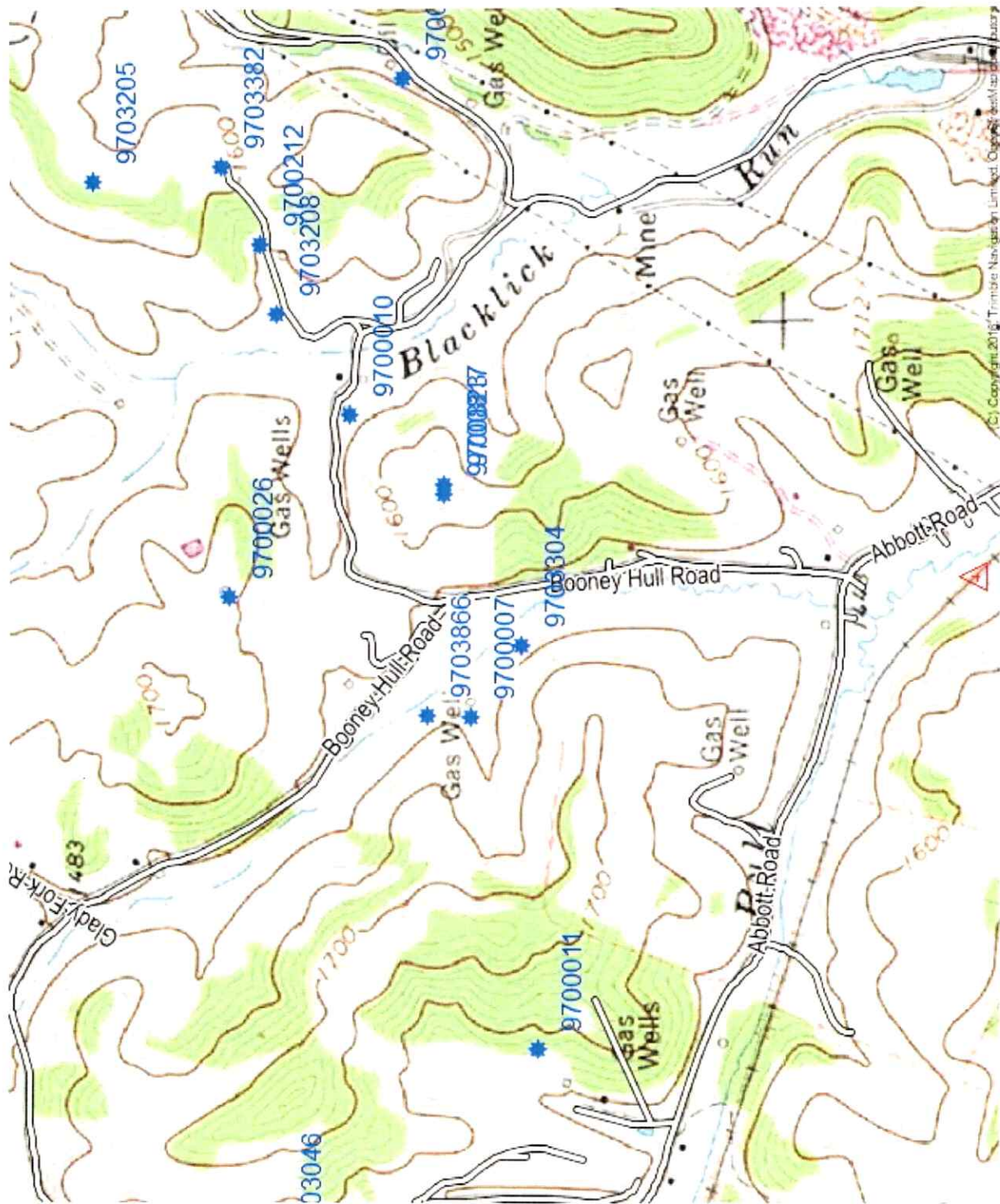
Feb 16, 2023

Signature

Title

Date

04/07/2023



04/07/2023

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

04/07/2023

444-1

WEST VIRGINIA DEPARTMENT OF MINES
Oil and Gas Section
PRELIMINARY DATA SHEET NO. 1

File No. _____ Well No. 1

Union Gas Corporation Company, of Kentucky

on the J. W. Burrough Farm

containing 83 acres. Location Bull Run, Meade Dist., Upshur County

District, in _____ County, West Virginia.

The surface of the above tract is owned in fee by J. W. Burrough

of Adrian, W. Va. address, and the mineral rights are owned by

J. W. Burrough of Adrian

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. 7 issued by the West Virginia Department of Mines, Oil and Gas Section,

23rd of ~~NOV~~ August 1930

Elevation of surface at top of well, 1471 feet Spirit Barometric.

The number of feet of the different sized casings used in the well.

16 feet 13" size. Wood conductor.

91 feet 10" size, csg. 647 feet 8 1/2" sized csg.

1754 feet 6 5/8" size, csg. _____ feet _____ sized csg.

2136 feet 2" Tubing _____ feet _____ sized csg.

_____ packer of 6 5/8" size, set at 2013

_____ packer of _____ size, set at _____

_____ in casing perforated at _____ feet to _____ feet.

_____ in casing perforated at _____ feet to _____ feet.

Coal was encountered at _____ feet; thickness 00 inches, and at _____

feet; thickness _____ inches; and at _____ feet; thickness _____ inches.

Liners were used as follows: (Give details): None

December 1st, 1930. Date _____

Approved _____ Owner.

By A. E. Cavender (Title) Secy-Treas.

444-1



UNION GAS CORPORATION Company

COMPLETION DATA SHEET

No. 1152 Address

NO. 2

Charleston, W. Va.

FORMATION RECORD

J. V. BURROUGH #1

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Clay	red	soft		00	10	10	10	
Lime	light	"	water 12'	10	20	10	20	water at 12'
Lime	light	hard		80	110	30	110	
Slate	light	soft	water 140'	110	154	44	154	
Sand	light	hard		170	234	64	234	Big Dunkard
Lime	gray	hard		270	315	45	315	
1st Salt Sand	gray	hard		388	465	77	465	
2d Salt Sand	light	hard		473	560	87	560	
3d Salt Sand	white	hard		575	604	29	604	
Sand	white	hard		697	802	105	802	
Sand	gray	hard		802	841	39	841	
Sand	gray	hard		980	1095	115	1095	
Shale	dark	soft	water 1060 to 1070'	1095	1160	65	1160	
Maxton	gray	hard		1225	1237	12	1237	
Sand	white	hard		1280	1288	8	1288	
L. Lime	white	hard		1320	1340	20	1340	
Pencil Cave	Dark	soft		1360	1365	5	1365	
B. Lime	white	hard		1365	1440	75	1440	
B. Injun	dark	hard		1440	1593	153	1593	
Squaw	dark	hard		1596	1657	61	1657	
Gantz	gray	hard		1666	1703	37	1703	
50 Feet	white	hard		1715	1743	28	1743	
Sand	gray	hard		1748	1754	6	1754	
30 Feet	gray	hard		1754	1788	34	1788	
Sand	light	hard		1798	1810	12	1810	
G. Stray	gray	hard		2070	2041	71	2041	
Slate	dark	soft		2041	2083	42	2083	
Gordon	gray	hard	Gas	2083	2105	22	2105	
Slate	dark	soft	2089-2096	2105	2136	31	2136	Total Depth

Well was shot at 2087' to 2097' feet; well was shot at _____ feet.

Fresh water at 12' and 140' feet; salt water at 1060 to 1070 feet.

Well was producing hole.

December 1st, 1930 Date Approved UNION GAS CORPORATION Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.



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

plugging permits have been issued 4709700007 09703864 09703866

1 message

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

Tue, Apr 4, 2023 at 2:32 PM


To: Henry J Harmon <henry.j.harmon@wv.gov>, Bryan O Harris <bryan.o.harris@wv.gov>, Samuel D Ward <samuel.d.ward@wv.gov>, dwzickefoose@upshurcounty.org


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


James Kennedy

WVDEP OOG


6 attachments


 **ir-8 4709703864.pdf**
13K

 **IR-8 4709700007.pdf**
120K

 **IR-8 4709703866.pdf**
120K

 **4709700007.pdf**
2718K

 **4709703864.pdf**
2887K

 **4709703866.pdf**
3074K

04/07/2023