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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, November 18, 2022  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1  
47-041-00228-00-00

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: SUMMERS, C. R.  
U.S. WELL NUMBER: 47-041-00228-00-00  
Vertical Plugging  
Date Issued:

Promoting a healthy environment.

11/18/2022

# 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

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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.

- 1) Date October 26, 2022
- 2) Operator's  
Well No. Summers #1
- 3) API Well No. 47-041 - 0028

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 \_\_\_/ ShallowX
- 5) Location: Elevation 1140' Watershed Right Fork Stonecoal Creek  
District Skin Creek County Lewis 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  
304-553-6087

10) Work Order: The work order for the manner of plugging this well is as follows:  
**see Plugging Project: 4704100228 Summers #1, below**

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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 Bryan Harris Date Oct 26, 2022

PLUGGING PROJCT  
4704100228 Summers #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. Move in rig up to 6 5/8" casing. Pull 2" tubing.
  2. Run in hole with work string to TD. Fill hole with fresh water. Gel hole to 1000'.
  3. Set cement plug 4100' - 3800'. Pull work string, WOC. Tag plug, add cement if needed.
  4. Pull 13 joints 6 5/8" casing. Run in hole with work string to 2100', set cement plug 2100' - 2000'. Pull work string, WOC. Tag plug, add cement if needed.
  5. Pull remaining 6 5/8" casing. Run in hole to 1800', set cement plug 1800' - 1700'. WOC, tag plug.
  6. Pull work string to 1500', set cement plug from 1500' to 1400'. pull work string. WOC.
  7. Run in hole with work string, set cement plug from 1200' to 1100'. WOC.
  8. Run in hole with work string to 600'. Set cement plug 600' - 500'. WOC, tag plug.
  9. Pull 10' casing. Set cement plug from 400' - 300'. WOC, tag plug.
  10. Set cement plug from 200' to surface.
  11. Set monument. Reclaim
2. **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.**

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4704100228 p

WELL PLUGGING PROJECT  
4704100228 Summers #1

Well detail:

6 5/8" casing with 2" tubing visible at surface.  
6 5/8" rusted thru at surface. 2" very deteriorated. Gas leaking at surface.  
Well was drilled in 1953 to the Benson Sand. Completed with sand frac.  
Well records show: 325' 10" casing  
2035' 6 5/8" casing  
4086' 2" tubing  
TD 4124'  
Fresh Water at 50'  
Coal 515'  
Elev. 1140'  
Water 1190', 1717'.  
Gas show 1487', 2087', 3914'.  
Benson Sand 4085' - 4097'

Site-based considerations:

Surface property is managed as a Wildlife Management Area by Department of Natural Resources.  
Access road goes along Stonecoal Lake for about 6000'  
Access road is currently being used as a walking trail and access to cemeteries.  
Access road will be upgraded and maintained with stone during operations. A final dress of stone will be applied as needed for reclamation.

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47041002.28P

041-228

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,  
Charleston, W. Va.

No Coal being mined in this area.  
COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

C. R. Summers, et ux  
OWNER OF MINERAL RIGHTS

R. F. D. #1, Horner, West Virginia  
ADDRESS

P. C. McKenzie Company, Agent  
NAME OF WELL OPERATOR

P. O. Box 10396, Pittsburgh 34, Pa.  
COMPLETE ADDRESS

September 1st, 1953  
PROPOSED LOCATION

Buckhannon & Skin Creek District 8

Upshur & Lewis County 18

Well No. 1 39° 00'  
80° 15'

C. R. Summers Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 10/26/50, made by C. R. Summers, et ux, to Pittsburgh & West Virginia Gas Company, and recorded on the 1st day of January, 1951, in the office of the County Clerk for said County in Book 211, page 33 and recorded on 3/7/51 in Upshur County, Book 26, Page #594.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten\* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, P. C. MCKENZIE COMPANY, AGENT

[Signature]  
WELL OPERATOR

P. O. Box 10396  
STREET

Pittsburgh 34  
CITY OR TOWN

Pennsylvania  
STATE

Address of Well Operator }



\*Section 3 . . . . If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

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4704100228p

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,  
Charleston, W. Va.

<u>No Coal Being Mined in this Area</u> <small>COAL OPERATOR OR COAL OWNER</small>	<u>P. C. McKenzie Co., Agent</u> <small>NAME OF WELL OPERATOR</small>
_____	<u>P. O. Box 10396, Pittsburgh 34, Pa.</u> <small>COMPLETE ADDRESS</small>
_____	<u>September 1st, 1953</u> <small>PROPOSED LOCATION</small>
_____	<u>Skin Creek</u> District
_____	<u>Lewis</u> County
<u>C. R. Summers, et ux</u> <small>OWNER OF MINERAL RIGHTS</small>	Well No. <u>1</u> <sup>39° 00'</sup> <sub>80° 15'</sub>
<u>R.F.D. #1, Horner, W. Va.</u> <small>ADDRESS</small>	<u>C. R. Summers</u> Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 9-20-51, made by Creed R. Summers, et ux, to Pgh. & West. Gas Co., and recorded on the 1st day of November, 1951, in the office of the County Clerk for said County in Book 215, page 375.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as adjacent owners.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address --- day --- before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

P. C. McKenzie Co., Agent  
WELL OPERATOR  
P. O. Box 10396  
STREET  
Pittsburgh 34, Pa.  
CITY OR TOWN  
Pennsylvania  
STATE

Address of Well Operator }



\*Section 3 of Code. If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

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4704100228P

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 2

*Crawford*

WELL RECORD

Permit No. LEW-228

Oil or Gas Well Gas  
(KIND)

Company P. C. McKenzie Company, Agent  
Address P. O. Box 10396, Pgh. 34, Pa.  
Farm C. R. Summers Acres 45  
Location (waters) Stone Coal Creek  
Well No. 1 Elev. 1140  
District Skin Creek County Lewis  
The surface of tract is owned in fee by C. R. Summers, et ux  
Address R. F. D. #1, Horner, West Va.  
Mineral rights are owned by Same as above  
Address \_\_\_\_\_  
Drilling commenced September 15, 1953  
Drilling completed December 5, 1953  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 31 /10ths Water in \_\_\_\_\_ Inch  
1 /10ths Merc. in \_\_\_\_\_ Inch  
Volume 152,000 Cu. Ft.  
Rock Pressure 1600 lbs. 168 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	325	325	Size of
8 1/2	888		
8	2035	2035	Depth set
5 3/16			
3			Perf. top
2	4086	4086	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 515 FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Brown		0	10			
Sand	White		10	25			
Red Rock	Red		25	38			
Lime	White		38	89	Water at 50 ft.		
Red Rock	Red		89	112			
Lime	Broken		112	220			
Slate & Shell	Black		220	257			
Gritty Lime			257	285			
Slate & Shell			285	290			
Sand			290	300			
Slate			300	302			
Gritty Lime			302	322			
Slate			322	365	Steel Line 325 ft.		
Lime			365	399			
Sand			399	414			
Slate			414	430			
Sand			430	493			
Slate & Shell			493	515			
Coal			515	520			
Slate & Shell			520	565			
Lime			565	588			
Sand			588	615			
Slate			615	627			
Sand			627	685			
Slate & Shell			685	700			
Sand			700	835			
Slate			835	888			
Sand			888	920			
Slate & Shell			920	946			
Sand			946	994			
Slate			994	1040			
Sand			1040	1082			
Slate & Shell			1082	1098			
Sand			1098	1170			

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(Over)

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1170	1171			
Sand			1171	1260	Water 1190	1-bailer per hr.	
R.R. & Lime			1260	1347			
Slate & Shell			1347	1370			
Lime			1370	1385			
Slate & Shell			1385	1415			
Big Lime			1415	1485			
Big Injun			1485	1580	Shows gas	1487 ft.	
Slate			1580	1583			
Lime Hard			1583	1625			
Slate			1625	1630			
Sand			1630	1685			
Slate & Shell			1685	1695			
Sand			1695	1890	Water at 1717 ft.	1-bailer per hr.	
R.R. & Lime			1890	1930			
Slate & Shell			1930	1965			
Gritty Lime			1965	1984			
Red Rock			1984	1995			
Lime			1995	2030	Steel Line Run at 2003 ft.		
Sand			2030	2061			
Pink Rock			2061	2076			
Sand - Gor.			2076	2115	Gas 2087-2089	10' w 1"	
Slate			2115	2168			
Sand			2168	2174			
Slate			2174	2197			
Sand			2197	2225			
Slate			2225	2227			
Sand			2227	2242			
Slate & Shell			2242	2367			
Lime			2367	2570			
Slate & Shell			2570	2605			
Gritty Lime			2605	2748			
Slate & Shell			2748	3005			
Lime			3005	3050			
Slate & Shell			3050	3072			
Lime			3072	3274			
Slate & Shell			3274	3400			
Gritty Lime			3400	3475			
Slate & Shell			3475	3500			
Lime			3500	3580			
Slate & Shell			3580	3770			
Sand			3770	3780			
Slate & Shell			3780	3913			
Sand			3913	3915	Little Gas at 3914		
Slate & Shell			3915	4031			
Lime			4031	4060			
Slate & Shell			4060	4085			
Sand - Benson			4085	4097			
Sandy Lime			4097	4100			
Slate & Shell			4100	4104			
Sandy Lime			4104	4107			
Slate & Lime Shells			4107	4124			
Total Depth				4124			

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NOTE: Completed various hole surveys and sand fracturing on 2/11/54 still testing and carrying on operation necessary to recover oil from Benson used in sand fracturing operation.  
Open Flow before Sand Fracturing: 27,000 cu. ft. Rock Pressure 1225# in 42 hrs.  
Open Flow approximately 30 days after Sand Fracturing: 164,000 cu. ft. Rock Pressure 1600# in 168 hrs.

Date \_\_\_\_\_, 19\_\_\_\_  
APPROVED \_\_\_\_\_, Owner



By \_\_\_\_\_ (Title)

11/18/2022

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Lew. 228

Oil or Gas Well Lew  
(KIND)

Company	Address	Farm	Well No.	District	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
															Size			Kind of Packer
<u>P. C. McKenzie Co. Agent</u>	<u>Pittsburgh Pa.</u>	<u>C. R. Sumner</u>	<u>one</u>	<u>Shin Creek County Lewis</u>	<u>9-15-53</u>	<u>depth 650</u>									16			
															13			
															10			Size of
															8 1/4			
															6 1/4			Depth set
															5 3/16			
															3			Perf. top
															2			Perf. bottom
															Liners Used			Perf. top
																		Perf. bottom

Drillers' Names Roy C. Gabriel Robert Moran James Stalnaker W.R. Heater

Remarks: Permit OK  
Log OK

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Andrew Carter  
DISTRICT WELL INSPECTOR

11/18/2022

4704100228P

OG-11

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Lew. 228

Oil or Gas Well Gas  
(KIND)

Company <u>P. C. McC. Kenzie Co. Agent</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Pittsburgh Pa</u>	Size			Kind of Packer
Farm <u>C. R. Summers</u>	16			
Well No. <u>one</u>	13			Size of
District <u>Shin Creek County Lewis</u>	10			
Drilling commenced <u>9-15-53</u>	8 3/4			Depth set
Drilling completed <u>Total depth 2714</u>	6 3/4			
Date shot _____	5 3/16			Perf. top
Depth of shot _____	3			Perf. bottom
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. bottom
Volume _____ Cu. Ft.	CASING CEMENTED _____	SIZE _____	No. FT. _____	Date _____
Block pressure _____ lbs. _____ hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Oil _____ bbls., 1st 24 hrs.	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	
Salt water _____ feet _____ feet				

Drillers' Names Roy C. J. J. Robert Moran

Remarks: Log & Permit OK

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11-17-53  
DATE



Am. Castle  
DISTRICT WELL INSPECTOR

11/18/2022

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

4704100228P

INSPECTOR'S WELL REPORT

Permit No. Lew-22P

Oil or G's Well \_\_\_\_\_  
(KIND)

Company <u>P. C. McKenzie</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Pittsburgh Pa</u>	Size			
Farm <u>C. B. Summers</u>	16			Kind of Packer
Well No. <u>1</u>	13			Size of
District <u>Skin Creek County Lewis</u>	10			Depth set
Drilling commenced <u>9-15-53</u>	8 1/4			
Drilling completed _____	6 1/2			Perf. top
Date shot _____	5 3/16			Perf. bottom
Depth of shot _____	3			Perf. top
Initial open flow _____	2			Perf. bottom
/10ths Water in _____ Inch	Liners Used			
Open flow after tubing _____				
/10ths Merc. in _____ Inch				
Volume _____ Cu. Ft.	CASING CEMENTED _____	SIZE _____	No. FT. _____	Date _____
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____	FEET _____	INCHES _____	
Fresh water _____ feet _____ feet	_____	FEET _____	INCHES _____	
Salt water _____ feet _____ feet	_____	FEET _____	INCHES _____	

Drillers' Names Roy C. Johrist & Robert Mason

Remarks:

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WV Department of  
Environmental Protection

11-25-53  
DATE

A M Costa  
DISTRICT WELL INSPECTOR  
11/18/2022

4704100228P

OG-11

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Lew. 22P

Oil or Gas Well Gas  
(KIND)

Company	Address	Farm	Well No.	District	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Block pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS	
															Size			Kind of Packer	
<u>P. C. McKenzie Co Agent</u>	<u>Pittsburgh Pa</u>	<u>C. R. Summers</u>	<u>One</u>	<u>Shin Creek County, Lewis</u>	<u>9-15-53</u>	<u>Total depth 1124</u>									16				
															13				
															10			Size of	
															8 1/4				
															6 1/4			Depth set	
															5 3/16				
															3			Perf. top	
															2			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

Drillers' Names Roy C. Jobist Robert Moran Jober Stalhaber & W. R. Heater

Remarks: Shut down for orders.

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NOV 17 2022  
WV Department of Environmental Protection



1-4-54  
DATE

A. M. Costa  
DISTRICT WELL INSPECTOR

11/18/2022

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

4704100228P

INSPECTOR'S WELL REPORT

Permit No. Lew. 228

Oil or Gas Well Gas  
(KIND)

Company	Address	Farm	Well No.	District	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
															Size			Kind of Packer
<u>P. C. McKenzie Agent</u>	<u>Pittsburgh, Pa</u>	<u>C. R. Summers</u>	<u>One</u>	<u>Shin Creek</u> County <u>Lewis</u>	<u>9-15-53</u>										16			
															13			
															10			Size of
															8 1/4			
															6 1/4			Depth set
															5 5/16			
															3			Perf. top
															2			Perf. bottom
															Liners Used			Perf. top
																		Perf. bottom

Drillers' Names Roy C. Jobrist, Robert Moran, James Stalhaber and

W. R. Heater

Remarks: Preparing to Sandfrac Benzene Sand

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WV Department of  
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Am Carter  
DISTRICT WELL INSPECTOR



1-25-54  
DATE

11/18/2022

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

4704100228P

INSPECTOR'S WELL REPORT

Permit No. Sew-228

Oil or Gas Well Gas  
(KIND)

Company <u>P.C. McKenzies</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>Pittsburgh Pa</u>	Size		
Farm <u>C.R. Summers</u>	16			
Well No. <u>One</u>	13			Size of
District <u>Shin Creek</u> County <u>Lewis</u>	10			
Drilling commenced <u>9-15-53</u>	8 1/4			Depth set
Drilling completed <u>2-19-54</u> Total depth <u>4095</u>	6 1/4			
Date shot _____ Depth of shot _____	5 3/16			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top
Volume _____ Cu. Ft.	Liners Used			Perf. bottom
Block pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Ray Jobrist Robert Moran Joseph Stalhaber  
and W.R. Heater  
Remarks:



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A m Carter  
DISTRICT WELL INSPECTOR

3-2-54  
DATE

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4704100228 P

WW-4A  
Revised 6-07

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1) Date: Oct 26, 2022  
2) Operator's Well Number  
Summers #1  
3) API Well No.: 47 - 041 - 00228

**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>Monongahela Power Co.</u>	Name <u>No Declaration</u>
Address <u>C/O Tax dept, 800 Cabin Hill Dr.</u>	Address _____
<u>Greensburg, PA. 15601</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Na</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	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>	_____

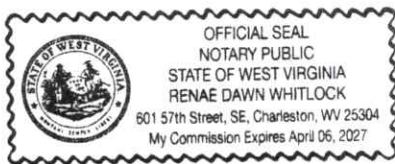
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**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (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 - Dep Paid Plugging Contract  
By: Jason Harmon  
Its: \_\_\_\_\_  
Address 601 57th st.  
Charleston, WV 25304  
Telephone \_\_\_\_\_

Subscribed and sworn before me this 16th day of November 2022  
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).

11/18/2022

4704100228P

**SURFACE OWNER WAIVER**

Operator's Well  
Number

4704100228 Summers 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 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.

*W. K. Beck*

Date 10/25/22 Name

DEP Paid Plugging Contract  
Bryan Harris - Inspector Specialist

Signature

By  
Its

Date

Signature *Bryan Harris*

Date 10/12/22

11/18/2022

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WW-4B

API No. 4704100228  
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 \_\_\_\_\_

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4704100228P

WW-9  
(5/16)

API Number 47 - 041 - 00228  
Operator's Well No. Summers #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) Right Fork Stonecoal Creek 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? \_\_\_\_\_

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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.

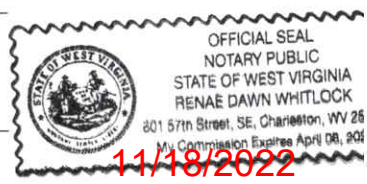
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 16th day of November, 2022

Donna K. Duffek Notary Public  
My commission expires April 6, 2027



11/18/2022

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

Fescue 30 lbs

Clover 5 lbs

Contractors 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: \_\_\_\_\_

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Environmental Protection

Title: Inspector Specialist

Date: Oct 26, 2022

Field Reviewed? (  ) Yes (  ) No

4704100228P

WW-7  
8-30-06



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

API: 4704100228 WELL NO.: Summers #1

FARM NAME: C.R. Summers

RESPONSIBLE PARTY NAME: DEP Paid Plugging Contract

COUNTY: Lewis DISTRICT: Skin Creek

QUADRANGLE: Adrian

SURFACE OWNER: Monongahela Power Co.

ROYALTY OWNER: Monongahela Power Co.

UTM GPS NORTHING: 5 58 443

UTM GPS EASTING: 43 14 228 GPS ELEVATION: 1140'

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:

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

Survey grade GPS  : Post Processed Differential

Real-Time Differential

Mapping Grade GPS  : Post Processed Differential

Real-Time Differential

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- 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

Signature

Inspector Specialist

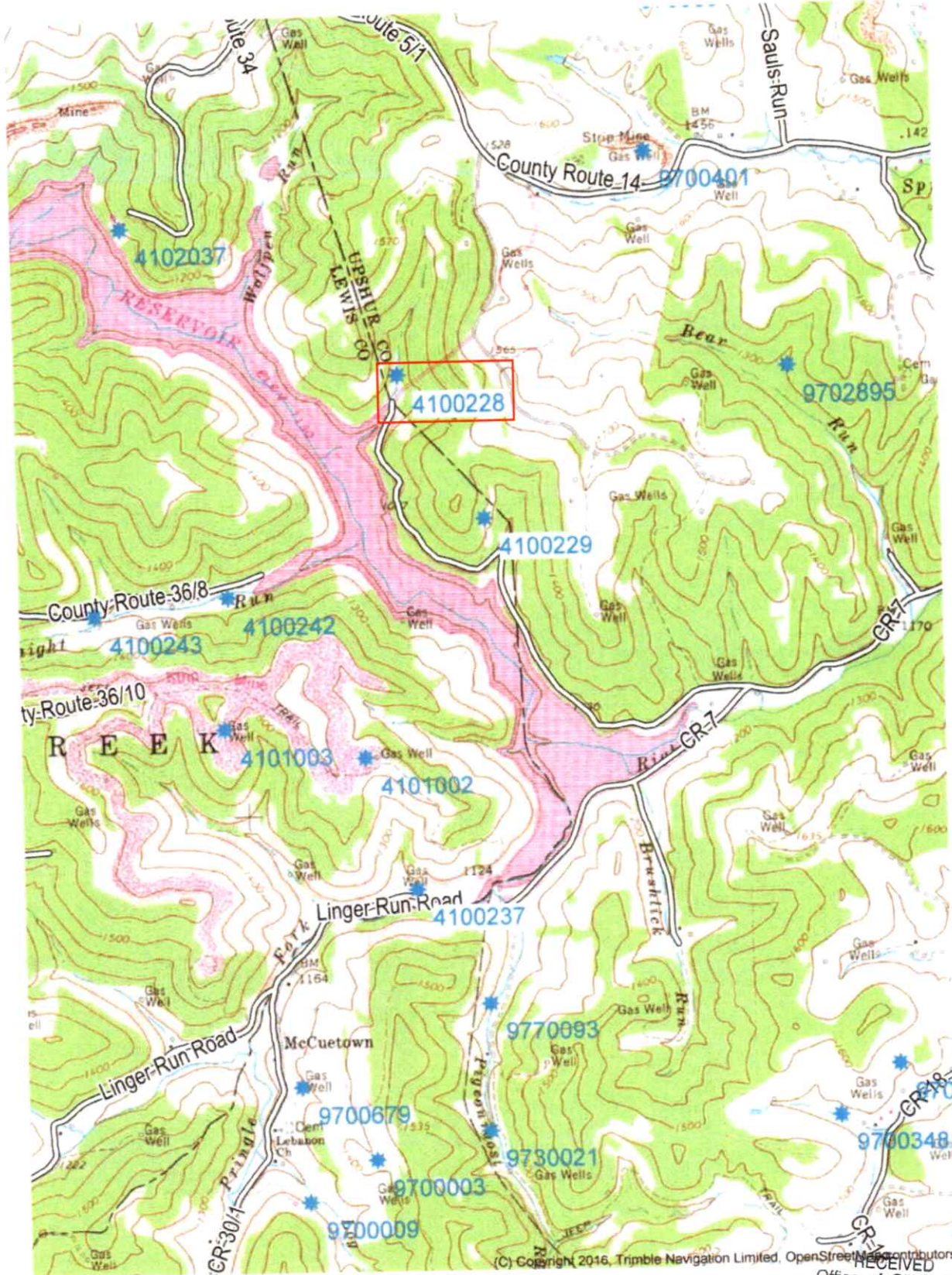
Title

Oct 26, 2022

Date

11/18/2022

4704100228P



(C) Copyright 2016, Trimble Navigation Limited, OpenStreetMap contributors

Office of Oil & Gas

NOV 17 2022

WV Department of Environmental Protection

11/18/2022

4704100278

4100228

OREGON 550E

11:11:21 AM

Location

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17 S 0558443  
UTM 4314228

WV Department of  
Environmental Protection



Sep 20, 2022, 11:11 AM

11/18/2022



470 / 1002 28r



4100228

11/18/2022



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

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## plugging permits issued 4704100237, 04100229, 04100228

1 message

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

Fri, Nov 18, 2022 at 10:42 AM

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>, jbreen@assessor.state.wv.us


To whom it may concern, plugging permits have been issued for 4704100237, 04100229, 04100228.


James Kennedy

WVDEP OOG


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### 6 attachments


 **IR-8 4704100237.pdf**  
12K

 **IR-8 4704100229.pdf**  
12K

 **4704100237.pdf**  
5901K

 **IR-8 4704100228.pdf**  
12K

 **4704100229.pdf**  
7203K

 **4704100228.pdf**  
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