

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

New Location.....
 Drill Deeper.....
 Abandonment.....

MINIMUM ERROR OF CLOSURE 1" IN 200'

Company	Opal McCartney,
Address	Grantsville, W. Va.
Farm	Pettie Development Co.
Tract	Acres 45 Lease No.
Well (Farm) No.	2 Serial No.
Elevation (Spirit Level)	650'
Quadrangle	Spencer,
County	Wirt District Spring Creek
Engineer	Jogan McLaughlin
Engineer's Registration No.	610
File No.	Drawing No.
Date	5-20-65 Scale 1" = 40 Rods

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

WELL LOCATION MAP
 FILE NO. WIRT-502

02/02/2024

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON
June 1, 1965

Mrs. Opal McCartney
Grantsville
West Virginia

In Re: PERMIT NO. WIRT-502
FARM ROY C. KING
WELL NO. ONE (1)
DISTRICT SPRING CREEK
COUNTY WIRT

Gentlemen:

Enclosed is Permit for drilling the above described well.

Please post one copy of permit at the well site and send us two copies of the well record when drilling has been completed.

Very truly yours,

GURMER WAMOCK
DEPUTY DIRECTOR

GW/b
enclosure

cc: Mr. Arthur NALL

Mr. R. C. Tucker, Assistant
State Geologist

bc: Mr. C. A. Washburn, Deputy
Securities Commissioner

02/02/2024

B-2

Formation	Color	Hard or Soft	Top 17	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1300	1442	1600 to 1640		
Slate			1442	1425	Gas And Oil		
Little Lime			1425	1444	And Water		
Pencil Cave	Black		1444	1450			
Big Lime			1450	1515			
Sand			1515	1620			
Slate	Black		1620	1630			
Sand Squaw			1630	1640			
Total Depth			1674				
			161	162			
			163	164			
			165	166			
			167	168			
			169	170			
			171	172			
			173	174			
			175	176			
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			495	496			
			497	498			
			499	500			

02/02/2024

Date Oct. 13, 1965
 APPROVED Opal McCartney, Owner
 By _____ (Title)

B-1



WELL RECORD

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 17

Oil or Gas Well (KIND)

Permit No. 4202/020

Quadrangle

James

Company Opal McCartney
Address Grantsville W. Va.
Farm Roy King Acres 45
Location (waters) Well No. (2) Two Elev. 650'
District Spring Creek County Wirt
The surface of tract is owned in fee by Petty Dev. Co.
Address 2/3 to Petty Development Co. and 1/3 to
Opal McCartney, Parkersburg W. Va. and 1/3 to
Opal McCartney, Grantsville W. Va.
Drilling commenced 6/2/65
Drilling completed 8/19/65
Date Shot From To
With Open Flow /10ths Water in Inch
Volume Cu. Ft. lbs. 24 hrs. (3) bbls.
Oil Well ACIDIZED
WELL FRACTURED Yes The well made 250 thousand of gas after fracturing.

Packers	Used in Drilling	Left in Well
Size	32'	Wood, cond.
Kind of Packer	Yes	
13	10	131'
16	8 1/4	755'
Size of Packer	No	
Depth set	Yes	1674'
Drilling commenced	3	
Drilling completed	2	
Date Shot	Liners Used	
With	Perf. top	
Open Flow	Perf. bottom	
Volume	Perf. top	
Rock Pressure	Perf. bottom	
Oil	Perf. top	
WELL ACIDIZED	Perf. bottom	

CASING CEMENTED # 5 7/8 No. Ft. 300' Date 8/26/65
COAL WAS ENCOUNTERED AT FEET INCHES
Perf. top FEET INCHES
Perf. bottom FEET INCHES

RESULT AFTER TREATMENT
ROCK PRESSURE AFTER TREATMENT 360 lbs.
Fresh Water hole full 50' Feet
Salt Water hole full 1350' Feet

WELL FRACTURED Yes The well made 250 thousand of gas after fracturing.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Sand	Red	0	28	Fresh water		
Sand	Sand	Red	20	40	50' hole full		
Slate	Slate		40	75			
Sand	Sand		75	80			
Slate	Slate		80	88			
Sand	Sand		88	108	Salt water		
Slate	Slate		108	125	1350' hole		
Red Rock	Slate		125	150	full		
Slate	Red Rock		150	158			
Red Rock	Slate		158	225			
Slate	Red Rock		225	235			
Red Rock	Slate		235	250			
Slate	Sand		250	255			
Sand	Slate		255	295			
Slate	Red Rock		295	450			
Slate	Slate		450	505			
Red Rock	Red Rock		505	575			
Slate	Slate		575	678			
Red Rock	Red Rock		678	695			
Slate	Slate		695	757			
Red Rock	Slate		757	800			
Slate	Slate		800	875			
Sand	Sand		875	946			
Slate	Slate		946	958			
Sand	Sand		958	1034			
Slate	Slate		1034	1200			
Sand	Sand		1200	1240			
Slate	Slate		1240	1245			
Sand	Sand		1245	1295			
Slate	Slate		1295	1300			



(over)

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

INSPECTOR'S WELL REPORT

Permit No. WIRT-502

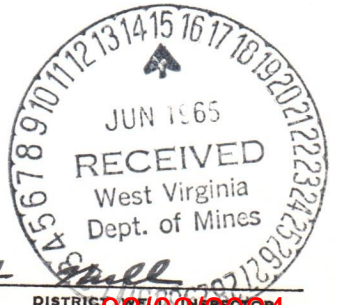
Oil or Gas Well _____
(KIND)

Company <u>OPAL MCCARTNEY</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>GRANTSVILLE, WVA.</u>	Size			
Farm <u>ROY. C. KING</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>SPRING CREEK</u> County <u>WIRT</u>	10	<u>131'</u>		Size of _____
Drilling commenced <u>6-2-65</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water <u>20'</u> feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water <u>NONE</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: CONT. OPAL MC CARTNEY
DRY - 378'

6-10-65
DATE



DISTRICT _____

02/02/2024

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

INSPECTOR'S WELL REPORT

Permit No. WIRT-502

Oil or Gas Well _____
(KIND)

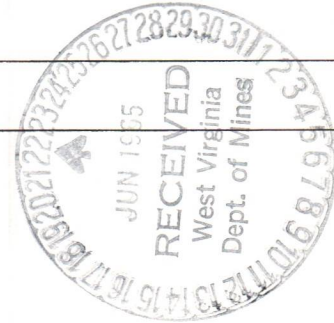
Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>OPAL McCARTNEY</u>	Size			Kind of Packer
<u>GRANTSVILLE, W.VA.</u>	16			
<u>ROY C. KING</u>	13			
<u>1</u>	10	<u>131'</u>		Size of
<u>SPRING CREEK</u> County <u>WIRT</u>	8 1/4	<u>759'</u>		
<u>6-2-25</u>	6 3/8			Depth set
	5 3/16			
	3			Perf. top
	2			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: CONT. OPAL McCARTNEY

DR1-885'



6-16-25
DATE

Arthur Mull
DISTRICT WELL INSPECTOR
02/02/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
02/02/2024

B-5

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

INSPECTOR'S WELL REPORT

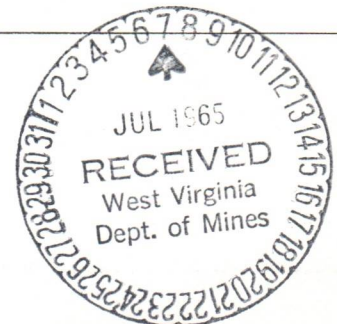
Permit No. WIRT-502

Oil or Gas Well _____
(KIND)

Company <u>OPAL M' CARTNEY</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>GRANTSVILLE, W.V.A.</u>	Size			Kind of Packer _____
Farm <u>ROY C. KING</u>	16			
Well No. <u>1</u>	13			
District <u>SPRING CREEK</u> County <u>WIRT</u>	10	<u>131'</u>		Size of _____
Drilling commenced <u>6-2-65</u>	8 1/4	<u>757'</u>		Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
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 _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water <u>NONE</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
Salt water <u>NONE</u> feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: CONT. OPAL MCCARTNEY
SHUT DOWN



6-29-65
DATE

Arthur Mullen
DISTRICT WELL INSPECTOR

02/02/2024

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location			
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
02/02/2024

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

INSPECTOR'S WELL REPORT

Permit No. WIRT-502

Oil or Gas Well _____
(KIND)

Company <u>OPAL McCARTNEY</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>GRANTSVILLE, W.VA.</u>	Size			Kind of Packer _____
Farm <u>ROY C. KING</u>	16			
Well No. <u>1</u>	13			
District <u>SPRING CREEK</u> County <u>WIRT</u>	10	<u>131'</u>		Size of _____
Drilling commenced <u>6-2-65</u>	8 1/4	<u>757'</u>		
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water <u>NONE</u> feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water <u>1400</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: CONT. OPAL McCARTNEY
DRY. 1410'

7-15-65
DATE



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location			
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

02/02/2024

B-1

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

INSPECTOR'S WELL REPORT

Permit No. WIAT-502

Oil or Gas Well _____
(KIND)

	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company <u>OPAL MCCARTNEY</u>	Size			Kind of Packer _____
Address <u>GAANTSVILLE, WVA.</u>	16			
Farm <u>ROY C. KING</u>	13			
Well No. <u>1</u>	10	<u>131'</u>		Size of _____
District <u>SPRING CREEK</u> County <u>WIAT</u>	8 1/4	<u>757'</u>		
Drilling commenced <u>6-2-65</u>	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water <u>none</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>none</u> FEET _____ INCHES			
Salt water <u>1200'</u> feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: CONT. OPAL MCCARTNEY
SHUT DOWN

7-26-65
DATE

Arthur Hill
DISTRICT WELL INSPECTOR

02/02/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location			
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ DATE I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR
02/02/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

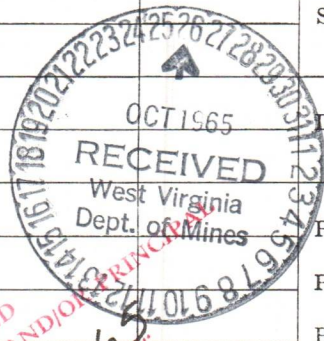
INSPECTOR'S WELL REPORT

FINAL

Permit No. WIAT-502

Oil or Gas Well GAS-OIL
(KIND)

Company	Address	Farm	Well No.	District	County	CASING AND TUBING		USED IN DRILLING		LEFT IN WELL		PACKERS	
						Size						Kind of Packer	Size of
<u>OPAL MCCARTNEY</u>	<u>GRANTSVILLE, W.VA.</u>	<u>ROY C. KING</u>	<u>2</u>	<u>SPRING CREEK</u>	<u>WIAT</u>								
Drilling commenced	Drilling completed	Total depth	Date shot	Depth of shot	Initial open flow	/10ths Water in	Inch	Liners Used				Depth set	
					Open flow after tubing	/10ths Merc. in	Inch					Perf. top	
					Volume		Cu. Ft.					Perf. bottom	
					Rock pressure		lbs.					Perf. top	
					Oil		bbls., 1st 24 hrs.					Perf. bottom	
					Fresh water		feet						
					Salt water		feet						
CASING CEMENTED							SIZE		No. FT.		Date		
NAME OF SERVICE COMPANY													
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES													
_____ FEET _____ INCHES _____ FEET _____ INCHES													
_____ FEET _____ INCHES _____ FEET _____ INCHES													



BOND CANCELLED
RETURNED TO WELL OPERATOR AND/OR PRINCIPAL
1965

Drillers' Names _____

Remarks: THIS WELL IN GOOD ORDER FOR RELEASE

10-19-65
DATE

Arthur M. ...
DISTRICT WELL INSPECTOR
02/02/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

DATE I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR
02/02/2024

B-12



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

October 28, 1965

W. F. EIGENBROD
DIRECTOR

GURMER WAMOCK
DEPUTY DIRECTOR

Opal McCartney
Grantsville, West Virginia

In Re:

Permit	WIRT-502
Farm	Roy C. King
Well No.	2
District	Spring Creek
County	Wirt

Gentlemen:

The final inspection report for your well which is described above has been received in our office.

Please be advised that the well, which is covered by the above permit number, has been released under your Bond, posted to cover same.

Please return the enclosed, cancelled Bond to the Surety and/or Bonding Company that executed said Bond in your behalf in order that they may give you credit on their records.

Yours very truly,

Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

oaa
Enclosure

02/02/2024



State of New York

Department of Taxation and Finance

Office of the State Comptroller

Albany, New York

OFFICE OF THE STATE COMPTROLLER
ALBANY, NEW YORK

OFFICE OF THE STATE COMPTROLLER
ALBANY, NEW YORK

Dear Sirs:

Reference is made to your letter of the 10th inst. in relation to the above captioned matter. The same has been forwarded to the proper authorities for their consideration.

Very truly yours,

The State Comptroller, New York

Very truly yours,
The State Comptroller, New York

Very truly yours,
The State Comptroller, New York

Very truly yours,

Very truly yours,
The State Comptroller, New York

Very truly yours,
The State Comptroller, New York