



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.

None
COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

UNITED FUEL GAS CO.
OWNER OF MINERAL RIGHTS
P.O. Box 1273,
Charleston 25, W. Va.
ADDRESS

UNITED FUEL GAS CO.
NAME OF WELL OPERATOR

% G. H. Moore
P.O. Box 1273, Charleston 25, W. Va.
COMPLETE ADDRESS

October 15, 1948

PROPOSED LOCATION

Grant District

Wayne County

Well No. 6441 38° 05'
82° 20'

UNITED FUEL GAS CO.
Mineral Tract No. 1 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~~ ^{Deed} dated December 26, 1946, made by HUNTINGTIN DEV. & GAS CO., to UNITED FUEL GAS CO., and recorded on the 27th day of December, 1946, in the office of the County Clerk for said County in Book 234, page 318.

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.

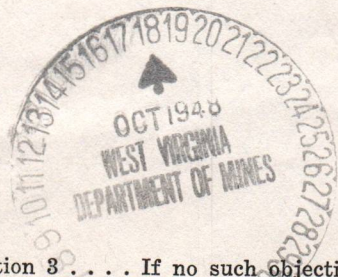
The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their 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 same 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,

UNITED FUEL GAS CO.
WELL OPERATOR
% G. H. Moore
STREET
P.O. Box 1273, Charleston 25
CITY OR TOWN
West Virginia.
STATE



Address of Well Operator }

11/17/2023

*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.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line Shells			2040	2077	No gas before shooting		Shale
Slate & Shells			2077	2135	Shot 5-15-50 with 5800#		Gel. from
Sunbury Shale			2135	2170	2273-3133'		
Berea Sand			2170	2235	Test 18 hours after shot		7/10 W 1" 28
Slate & Shells			2235	2260			
Brown Shale			2260	2335			
White Slate			2335	2550			
Brown Shale			2550	2700			Injun 239
White Shale			2700	2825	FINAL OPEN FLOW - 267 M		- Shale 28
Brown Shale			2825	2900	48 Hr. R.P. 320#		
White Shale			2900	2915			
Brown Shale			2915	3125			
Slate			3125	3133			
Total Depth			3133'		Shut in 5-16-50 in 5 1/2" casing.		

11/17/2023

Date June 7, 19 50

APPROVED United Fuel Gas Co. Owner

By *J. Moore* Chief Engineer (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Wayne

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. WAY-628

Company United Fuel Gas Co.
Address P. O. Box 1273, Charleston 25, W. Va.
Farm U.F.G. Co. Min. Tr. #1 Acres 38,448.03
Location (waters) Rich Creek of 12-Pole Creek
Well No. 6441 Elev. 1089.92'
District Grant County Wayne
The surface of tract is owned in fee by _____

Mineral rights are owned by United Fuel Gas Co.
P. O. Box 1273, Address Chas. 25, W. Va.

Drilling commenced 2-23-50
Drilling completed 5-9-50
Date Shot 4-5-50 From 1615 To 1650
5-15-50 From 2273 To 3133
With 400# Det. 5800# Gel.

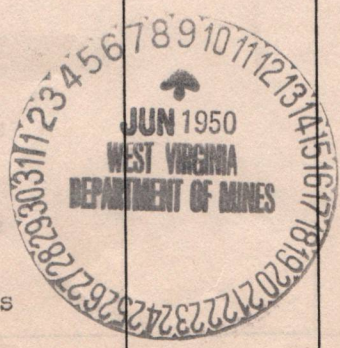
Open Flow 32 & 7/10ths Water in 2" & 1" Inch
/10ths Merc. in _____ Inch
Volume 239 M- Injun, 28 M- Shale = 267 M Cu. Ft.
Rock Pressure 320 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 865, 925, feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 <u>3/4</u>	<u>20'-4"</u>	<u>20'-4"</u>	Size of
8 3/4	<u>436'-1"</u>	<u>436'-1"</u>	Depth set
8 1/2 <u>7"</u>	<u>1504'</u>	<u>1504'</u>	Perf. top
5 3/16	<u>1717'</u>	<u>1717'</u>	Perf. bottom
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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	20			
Rock			20	40			
Slate			40	80			
Sand			80	100			
Slate			100	110			
Sand			110	175			
Slate			175	225			
Sand			225	330			
Slate			330	420			
Lime			420	490			
Slate			490	660			
Sand			660	765			
Slate			765	820	Water	865'	4 B.P.H.
Sand			820	945	Water	925'	Hole full
Slate			945	950			
Sand			950	990			
Slate & Shells			990	1020			
Lime			1020	1060			
Sand			1060	1090			
Slate			1090	1100			
Sand			1100	1180			
Slate			1180	1185			
Sand			1185	1210			
Slate			1210	1225			
Sand			1225	1265			
Blue Slate			1265	1300			
Black Lime			1300	1315			
Maxon			1315	1365			
Little Lime			1365	1385			
Big Lime			1385	1575	B.Lime Gas	1552-1558'	8/10 W 2" 119'
Keener Sand			1575	1590			blew down to 11/10 W 2" 84 M
Red Rock			1590	1605	Injun Gas	1618-1626'	18/10 W 2" 17'
Gray Injun			1605	1650			blew down to 14/10 W 2" 158 M
Slate			1650	1695			
Lime			1695	1710	Test before	shot 12/10 W 2" 146 M	
Slate & Shells			1710	1876	Shot 4-5-50	with 400# Det. from 1615-	
Lime Shell			1876	1896			1650'
Shells			1896	2040	Test after	shot 32/10 W 2" 239 M	





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Wayne
Permit No. WAY-628

Lawrence

WELL RECORD

WORKOVER -

Oil or Gas Well Gas
(KIND)

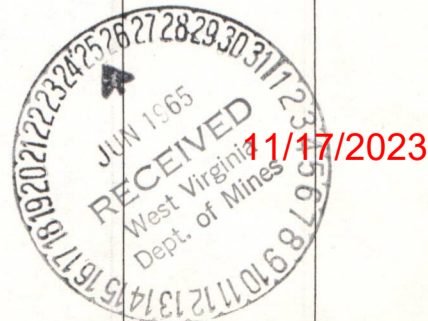
Company United Fuel Gas Company
Address P.O. Box 1273 Charleston, W. Va.
Farm United Fuel Gas Co. Min. Tr. #1 Acres 40,919.95
Location (waters) Rich Creek
Well No. 6441 Elev. 1089.92'
District Grant County Wayne
The surface of tract is owned in fee by United Fuel Gas Co.
Address _____
Mineral rights are owned by United Fuel Gas Co.
Address Charleston, W. Va.
Drilling commenced -
Drilling completed -Shut in 5-13-65
Date Shot _____ From _____ To _____
With _____
Open Flow 98 /10ths Water in _____ 2 Inch
_____ /10ths Merc. in _____ Inch
Volume 417,000 Cu. Ft.
Rock Pressure 48hrs. 200 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Hookwall
13			Size of
10			3 1/2" x 7"
8 1/4			Depth set
6 5/8			1410-1414'
5 3/16			Perf. top
3 1/2" Tub. 1429' Cemented with 35 sacks			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

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

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Big Lime			1385	1575			
Injun			1605-	1650			
Berea			2170-2235	2235			
Shale			2550	2700			
Shale			2700	3125			
Total Depth			3133'				
Hole filled back to 1650'							
Test before fracture - 39/10 W 1" 66 M							
Fractured Injun 5-4-65 with 250 gallons MCA, 429 bbls. sand laden fluid, 23,000# 20-40 sand.							
Final open flow after fracture - 98/10 W 2" 417 M.							





State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

MARIE GRIFFITH
EXECUTIVE SECRETARY

June 7, 1965

W. F. EIGENBROD
DIRECTOR

GURMER WAMOCK
DEPUTY DIRECTOR

Mr. Kenneth Butcher, Inspector
OIL AND GAS DIVISION
RFD #1
Barboursville, West Virginia

In Re:

PERMIT WAY-628-PP
COMPANY United Fuel Gas Company
FARM United Fuel Gas Co. MIN. TR. #1
WELL NO. 644
DISTRICT Grant
COUNTY Wayne

Dear Sir:

Would you please make a final inspection of the well described above.

Very truly yours,

Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

ap



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

MARIE GRIFFITH
EXECUTIVE SECRETARY

June 23, 1965

W. F. EIGENBROD
DIRECTOR

GURMER WAMOCK
DEPUTY DIRECTOR

United Fuel Gas Company
P. O. Box 1273
Charleston, West Virginia

Att; Mr. Bernard Moon

IN RE: PERMIT WAY-628-Revised
FARM United Fuel Gas Co. Min TR. #1
WELL NO. 6441
DISTRICT Grant
COUNTY Wayne

Gentlemen:

Please send us two copies of the completion
drilling record for the above described well location.

We will appreciate the information within the
next ten days.

Very truly yours,

Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

ap

11/17/2023

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be ^{Partially -} plugged and filled as follows:

Set Bridge at 2253 - 20' above Shot Hole
 Put 2 sacks cement on top of bridge
 Crushed Stone 2243' - 2238'
 Mud & Clay 2238' - 2150' - 20' above Berea Sand
 Cement 2150' - 2130'
 Crushed Stone 2130' - 2125'
 Aquagel 2125' - 1700'

String of 3-1/2" Tubing to be run to 1700' and cemented back through the Injun Sand formation.

New Total Depth 1700'

To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,

UNITED FUEL GAS COMPANY

Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

7th day of March, 1965.

11/17/2023

DEPARTMENT OF MINES
Oil and Gas Division

By: *Garman Wamack*

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

PARTIALLY
NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

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

Coal Operator	<u>United Fuel Gas Company</u>	Name of Well Operator
Address	<u>P. O. Box 1273</u>	Complete Address
	<u>Charleston, West Virginia</u>	
Coal Owner	<u>March 19, 1965</u>	Date
Address	<u>WELL TO BE ABANDONED</u>	
	<u>Grant</u>	District
<u>United Fuel Gas Company</u>	<u>Wayne</u>	County
Lease or Property Owner	<u>Well No. 6441</u>	
<u>Charleston, W. Va.</u>	<u>UNITED FUEL GAS CO. MIN. TR. #1 Farm</u>	
Address		

Inspector to be notified Ken Butcher City Barboursville Telephone RE 61933

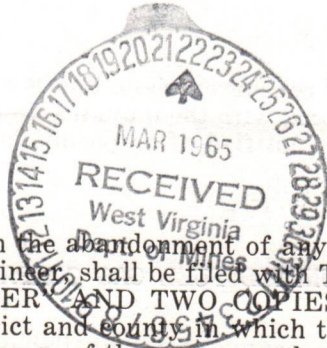
Gentlemen:— 24 hrs in advance of plugging

The undersigned well operator is about to abandon the above described well and will commence the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given 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 represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,
UNITED FUEL GAS COMPANY
Well Operator



NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract.

11/17/2023

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NOT TRANSFERABLE.

BLANKET BOND

WAY-628 [Signature]
Permit Number

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

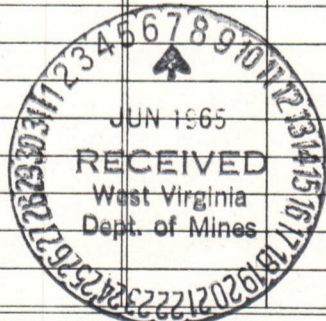
AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER	United Fuel Gas Company
ADDRESS	P.O. Box 1273, Charleston, W. Va.
COAL OPERATOR OR OWNER	May 28, 19 65
ADDRESS	Grant District
LEASE OR PROPERTY OWNER	Wayne County
ADDRESS	Well No. 6441
	United Fuel Gas Co. Min. Tr. #1 Farm
STATE INSPECTOR SUPERVISING PLUGGING	Kenneth Butcher

AFFIDAVIT

STATE OF WEST VIRGINIA, }
County of Wayne } ss:
JAMES E. RYAN and DENEY STOWERS
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by UNITED FUEL GAS COMPANY, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 28th. day of April, 19 65, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSG PULLED	CSG LEFT IN
FORMATION	Hole bridged with cavings to 1800'	SIZE & KIND		
	Set Bridge at 1800'			
	Put 2 sacks cement on top of bridge			
	Crushed Stone 1790' - 1785'			
	Mud & Clay 1785' - 1670'			
	Cement 1670' - 1650'			
	3 1/2" Tubing run to 1607' and cemented in			
	<u>New Total Depth 1650'</u>			
COAL SEAMS				
(NAME)				
(NAME)				
(NAME)				
(NAME)				



and that the work of plugging and filling said well was completed on the 29th. day of April, 19 65

And further deponents saith not.

Sworn to and subscribed before me this 1st day of June, 19 65.

James E. Ryan
Denev Stowers 11/17/2023
Kenneth Butcher

My commission expires: April 23, 1967

Notary Public.
Permit No. WAY-628-PP

STATE OF MISSISSIPPI
DEPARTMENT OF MINES
OIL AND GAS DIVISION

APPLICANT OF PLUGGING AND FILLING WELL

APPLICANT'S NAME AND ADDRESS: UNITED FUEL GAS COMPANY
P.O. BOX 1273, CHATTANOOGA, W. VA.

DATE: MAY 28, 1951
COUNTY: Grant
WELL NO.: 10411

APPLICANT'S NAME AND ADDRESS: UNITED FUEL GAS CO., MIN. TR. CO.
KENNETH BUTLER

DEWITT STONER

JAMES S. KEAN

UNITED FUEL GAS COMPANY

65

April

1951

Wells plugged with cement to

10001	Set bridge at
10001	Set bridge on top of bridge
17901 - 17901	Graded Stone
17901 - 17901	Int. & Clay
17901 - 17901	Cement

3" tubing run to 1001 and cemented in

New Total Depth 12901



APR 11 1951

65

April

11/17/2023

WAX-288-PP

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

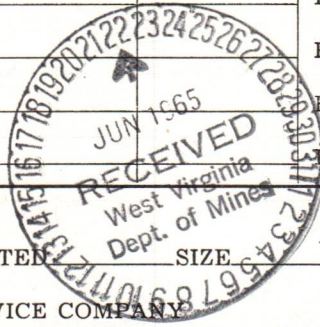
- Rotary
- Spudder
- Cable Tools
- Storage

INSPECTOR'S WELL REPORT

Permit No. Way-628PP

Oil or Gas Well _____
(KIND)

Company <u>U.F.M. Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston, W.Va.</u>	Size			
Farm <u>U.F.M. Co. Tr. #1</u>	16			Kind of Packer _____
Well No. <u>6441</u>	13			
District <u>Grant</u> County <u>Wayne</u>	10			Size of _____
Drilling commenced _____	8 1/4			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.				
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____			No. FT. _____ Date _____
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			



Drillers' Names _____

Remarks:

Final inspection made for hand release.

6-15-65
DATE

K.E. Butcher
DISTRICT WELL INSPECTOR

11/17/2023

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
11/17/2023



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

January 10, 1966

W. F. EIGENBROD
DIRECTOR

GURMER WAMOCK
DEPUTY DIRECTOR

United Fuel Gas Company
P. O. Box 1273
Charleston, West Virginia

Att: Mr. E. V. Leurant

In Re: Permit WAY-628-PP
Farm United Fuel Gas Co. Min.Tr1
Well No. 6441
District Grant
County Wayne

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 Blanket Bond.

Yours very truly,

Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

11/17/2023