



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.

United Fuel Gas Co. Sweetland-Land & Mineral Co.
COAL OPERATOR OR COAL OWNER not operated NAME OF WELL OPERATOR

Charleston, W. Va. Huntington, W. Va.
ADDRESS COMPLETE ADDRESS

July 4th, 19 60
PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER

PROPOSED LOCATION

ADDRESS

Butler District

United Fuel Gas Co

Wayne County

OWNER OF MINERAL RIGHTS

Charleston, W. Va.

Well No. F-2 5-101 82°30'E. 950'

ADDRESS

Boyd Lykens 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 June 1, 1959, made by United Fuel Gas Co., to Sweetland Land & Mineral, and recorded on the 22 day of June 1959, in the office of the County Clerk for said County in Book 50, page 259.

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 _____ 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,

Sweetland-Land & Mineral Co.

WELL OPERATOR

1012 1st Huntington National Bk Bldg

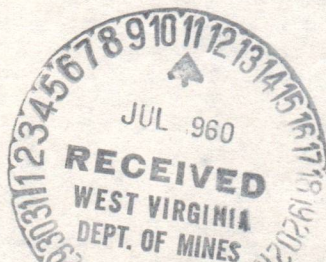
STREET

Huntington, W. Va.

CITY OR TOWN

08/25/2023

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.



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.

NAME OF WELL OPERATOR: Sweetland Land & Mineral Co.

NAME OF COAL OWNER: Not operated

ADDRESS: Huntington, W. Va.

ADDRESS: Charleston, W. Va.

PROPOSED LOCATION: July 1950

COAL OPERATOR OR COAL OWNER:

DISTRICT: Putler

ADDRESS:

COUNTY: Wayne

OWNER OF MINERAL RIGHTS: United Fuel Gas Co.

WELL NO.: F-2 F-101 21-30 E. 720

ADDRESS: Charleston, W. Va.

FARM: Boyd Lyons

ADDRESS:

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 June 1, 1949

made by United Fuel Gas Co.

and recorded on the 22 day

of June 1950

in the office of the County Clerk for said County in

Book 50 page 250

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 both of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the points 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 addresses.

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, in the filing of a well in 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 addresses _____ day _____ before _____ on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Sweetland Land & Mineral Co.

1012 East Huntington National Bank Bldg

WELL OPERATOR

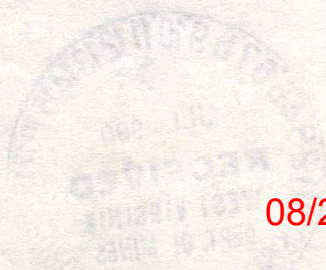
CITY

Huntington, W. Va.

CITY OR TOWN

STATE

Address of Well Operator



08/25/2023

Section 3 of said Code provides that 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, pending the filing of such plat, that no objections have been made by the coal operators to the location, or found there to by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

WAT-1300

PERMIT NUMBER



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

QUAD- LOUISA

WELL RECORD

Oil or Gas Well

Gas
(KIND)

Permit No. WAY-1306

Company <u>Sweetland Land And Mineral Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>1012 FHN Bank Bldg., Huntington, W. Va.</u>	Size			Casing Packer
Farm <u>Boyd Lykens</u> Acres <u>239.6</u>	16			Kind of Packer <u>Parmacc</u>
Location (waters) <u>Lick Creek</u>	13			16" #5912122
Well No. <u>F-2 5-101</u> Elev. <u>950 ±</u>	10	19'	19'	Size of
District <u>Butler</u> County <u>Wayne</u>	8 1/4	332'	332'	Depth set <u>1787'</u>
The surface of tract is owned in fee by <u>Boyd Lykens</u>	6 5/8	1787'	1787'	
Mineral rights are owned by <u>United Fuel Gas Company</u>	3			Perf. top
Address <u>FED, Fort Gay, W. Va.</u>	2			Perf. bottom
Address <u>Charleston, W. Va.</u>	Liners Used			Perf. top
Drilling commenced <u>July 16, 1960</u>				Perf. bottom
Drilling completed <u>August 18, 1960</u>				
Date Shot <u>August 15</u> From <u>2202</u> To <u>2217</u>				
With <u>150# Dupont Gelatin</u>				
Open Flow /10ths Water in _____ Inch	CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____			
/10ths Merc. in _____ Inch	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Volume <u>None</u> Cu. Ft.	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Rock Pressure _____ lbs. _____ hrs.	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Oil _____ bbls., 1st 24 hrs.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Yellow		0	18			
Clay	Blue		18	23			
Sand			23	49			
Slate			49	138			
Sand			138	152			
Slate			152	192			
Coal			192	195			
Slate			195	447			
Sand			447	471			
Slate			471	474			
Sand			474	528			
Slate			528	637			
Broken Sand			637	743			
Slate			743	776			
Sand			776	825			
Slate			825	868			
Sand			868	892			
Slate			892	965			
Sand, Salt			965	1320			
Slate			1320	1328			
Sand, Salt			1328	1424			
Little Lime			1424	1448			
Big Lime			1448	1593			
Injun Sand			1593	1689			
Slate			1689	1779			
Shell			1779	1792			
Slate			1792	1959			
Lime Shell			1959	1967			
Slate			1967	2087			
Shell, Sandy			2087	2101			
Slate			2101	2194			
Brown Shale			2194	2202			
Berea			2202	2218			
Slate			2218	2243			



08/25/2023

Slight show of gas in Berea Grit
Dry Hole will plug and abandon

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1306

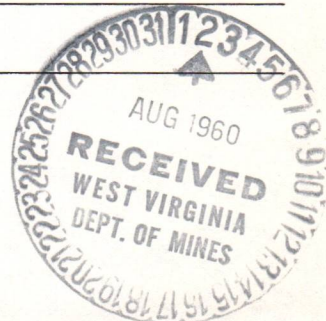
Oil or Gas Well F-2-5-101
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Sweetland Land & Mineral Co.</u>				
Address	<u>1012 - 1st. Hunt. Nat'l Bank Bldg.</u>	Size			
	<u>Huntington, W. Va.</u>				Kind of Packer
Farm	<u>Boyd Lykens</u>	16			
Well No.	<u>F-2 5-101</u>	13			
District	<u>Butler</u> County <u>Wayne</u>	10	<u>19'8"</u>		Size of
Drilling commenced	<u>7-15-60</u>	8 1/4	<u>332'9"</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>447</u> feet	COAL WAS ENCOUNTERED AT <u>192</u> FEET <u>36</u> INCHES			
Salt water	<u>1,000</u> feet	FEET INCHES FEET INCHES			
		FEET INCHES FEET INCHES			

Drillers' Names Homer Vickers

W. H. Noe

Remarks: Salt Sand 965'-1320'; show gas in Salt Sand from 1018'-1024'.
Drilling depth- 1401'.



7-28-60

DATE

J. W. Poch

DISTRICT WELL INSPECTOR

08/25/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. WAY-1306-P Well No. F-2-5-101
 COMPANY Sweetland Land & Min. Co. ADDRESS 1012 First Htn. Bank Bldg.
Huntington, W. Va.
 FARM Boyd Lykens DISTRICT Butler COUNTY Wayne

Filling Material Used Clay, Cement and stone

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
2 sacks cement			2170'-2160'			
2 " "			1827'-1817'			

Drillers' Names Homer Vickers
W. H. Noe

Remarks: Bridged hole @ 2170'; 2 sacks cement 2170'-2160'; crushed stone 2160'-2155'; clay 2155'-1827'; cement 1827'-1817'; crushed stone 1817'-1812'; starting to pull 7" casing.

8-26-60
DATE I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR
08/25/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

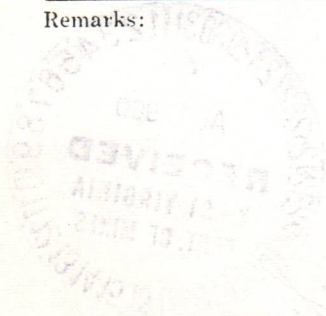
Permit No. _____

Oil or Gas Well _____
(KIND)

	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company _____				
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. _____	13			
District _____ County _____	10			Size of _____
Drilling commenced _____	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 _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____



DATE

DISTRICT WELL INSPECTOR

08/25/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. WAY-1306-P

Well No. F-2-5101

COMPANY Sweetland Land & Min. Co. ADDRESS 1012 First Hunt, Nat'l Bank
Huntington, W. Va.

FARM Boyd Lykens DISTRICT Butler COUNTY Wayne

Filling Material Used Cement, clay and stone

Liner	Location	Amount	Packer	Location			
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST
10 feet			1500'-1490'		0	10"	19'
10 "			900'- 890'		332'	8 1/4"	0
10 "			400'- 390'		1787'	7"	0
53 "			225'- 172'				

Drillers' Names Homer Vickers
W. H. Noe

Remarks: Filled from 1872' to 1500'; cement 1500'-1490'; set bridge @ 900'; 2 sacks cement on bridge; stone 5 ft. and clay filled to 800'; bridge set at 400'; 2 sacks cement, 5 ft. stone and clay filled to 225'; cement 225'-172'; 25 sacks cement and 5 ft. stone and clay to surface.



8-30-60 I hereby certify I visited the above well on this date.
DATE

Jw. Pack
DISTRICT WELL INSPECTOR
08/25/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

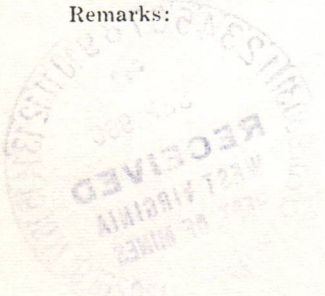
Permit No. _____

Oil or Gas Well _____
(KIND)

	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company _____				
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. _____	13			
District _____ County _____	10			Size of _____
Drilling commenced _____	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 _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____



DATE

DISTRICT WELL INSPECTOR

08/25/2023

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 plugged and filled as follows:

WORK ORDER PREPARED BY THE DEPARTMENT OF MINES

Total Depth 2243'

Well shot from 2202' - 2217'

If possible to fill hole, Fill from total depth to 2150'

Neat cement 2150' - 2140'

5' crushed stone on cement, sealing off Berea

Continue filling with ~~neat~~ clay to 1827'

OK

SET A PERMANENT BRIDGE at 2170' - 32' above shot hole

2 sacks neat cement and 5' crushed stone on bridge

Fill with clay to 1827' - 40' below 6-5/8-inch casing

Neat cement 1827' - 1817'

5' crushed stone on cement

PULL 6-5/8-inch casing as hole is filled to 1500'

Neat cement 1500' - 1490'

SET A PERMANENT BRIDGE at 900' - a point in salt sands

2 sacks neat cement and 5' crushed stone on bridge

FILL to 800'

SET A PERMANENT BRIDGE at 400'

2 sacks neat cement and 5' crushed stone on bridge

Fill to 225' - 30' below coal with clay as 8-inch is pulled

Neat cement 225' - 172' - 20' above coal

5' crushed ~~stone~~ stone on cement

Fill with clay to surface

ERECT MARKER, in compliance with Rule 18, 1931 Regulations

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,

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

24th. day of AUGUST, 1960.

08/25/2023

DEPARTMENT OF MINES
Oil and Gas Division

By: M. E. Giggick

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

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.

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

Coal Owner

Address

Lease or Property Owner

Address

SWEETLAND LAND AND MINERAL COMPANY
Name of Well Operator
1012 First Huntington National Bank Bldg.
Huntington, West Virginia
Complete Address

August 24., 1960
Date
WELL TO BE ABANDONED
BUTLER District
WAYNE County

Well No. **F-2 - 5-101**

BOYD LYKENS Farm
239.6 ACRES

Inspector to be notified **MR. JAMES W. PACK** Telephone Number _____
HAMLIN, WEST VIRGINIA

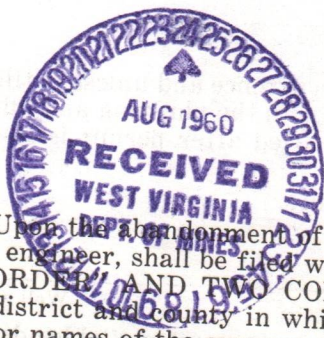
Gentlemen:— **24 HOURS IN ADVANCE OF PLUGGING DATE**

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,
SWEETLAND LAND AND MINERAL COMPANY
Well Operator



08/25/2023

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.

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.

WAY-1306-P

Permit Number

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, 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.

None
COAL OPERATOR OR OWNER
ADDRESS
COAL OPERATOR OR OWNER
ADDRESS
United Fuel Gas Company
LEASE OR PROPERTY OWNER
P. O. Box 1273, Charleston, W. Va.
ADDRESS

SWEETLAND LAND AND MINERAL CO.
NAME OF WELL OPERATOR
1012 First Huntington National Bank Bldg.
Huntington, West Virginia
COMPLETE ADDRESS
August 26, 19 60
WELL AND LOCATION
Butler District
Wayne County
Well No. F-2 S-101
Boyd Lykins (239.6 Acres) Farm

STATE INSPECTOR SUPERVISING PLUGGING J. W. Paek

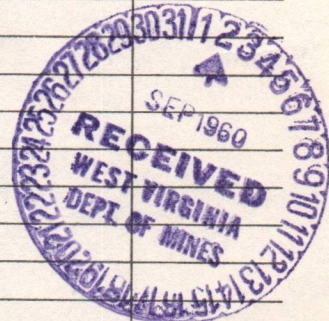
AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Wayne } ss:

Bernie Brock and Jimmie Walls
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 Sweetland Land And Mineral Co., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 24 day of August, 19 60, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
SET A PERMANENT BRIDGE at 2170' - 32' above shot hole 2 sacks neat cement and 5' crushed stone on bridge Fill with clay to 1827' - 40' below 6-5/8-inch casing Neat cement 1827' - 1817' 5' crushed stone on cement				
PULL 6-5/8-inch casing as hole is filled to 1500' Neat cement 1500' - 1490'				
SET A PERMANENT BRIDGE at 900' - a point in salt sands 2 sacks neat cement and 5' crushed stone on bridge				
FILL to 800' SET A PERMANENT BRIDGE at 400' 2 sacks neat cement and 5' crushed stone on bridge				
(NAME) Fill to 225' - 30' below coal with clay as 8-inch is pulled				
(NAME) Neat cement 225' - 172' - 20' above coal				
(NAME) 5' crushed stone on cement				
(NAME) Fill with clay to surface	ERECT MARKER, in compliance with Rule 18, 1931 Regs.			



and that the work of plugging and filling said well was completed on the 30 day of August, 1960.

And further deponents saith not.

Bernie Brock
Jimmie Walls 08/25/2023

Sworn to and subscribed before me this 30 day of August, 1960.

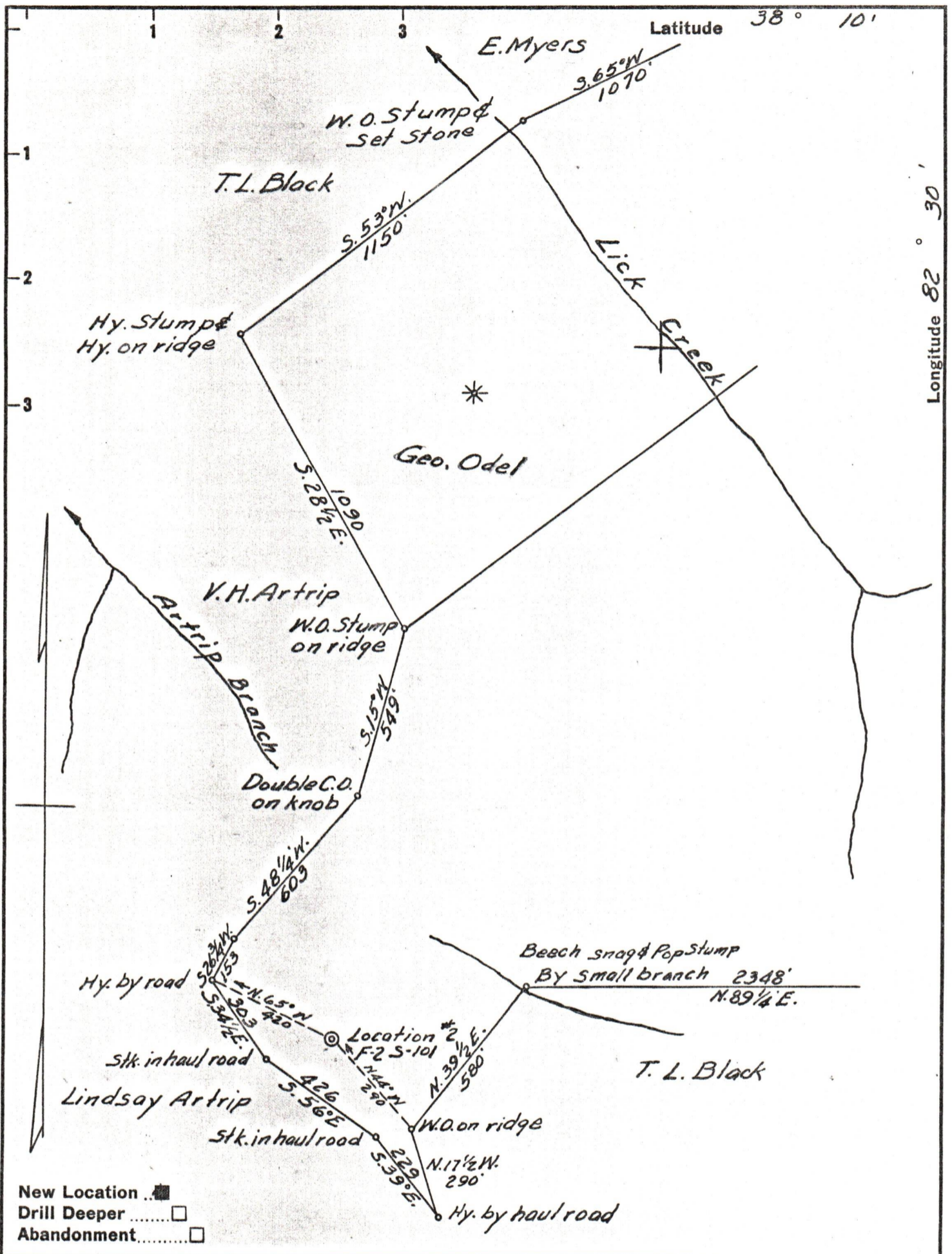
F. C. Bias

My commission expires:

June 19 - 1968

Notary Public.

Permit No. WAY-1306-P



Company SWEETLAND LAND & MINERAL CO.
 Address HUNTINGTON, W. VA.
 Farm BOYD LYKINS
 Tract 23 Acres 239.6 Lease No. _____
 Well (Farm) No. 2 Serial No. 101
 Elevation (Spirit Level) 950±
 Quadrangle LOUISA
 County WAYNE District BUTLER
 Engineer G. C. Ewing
 Engineer's Registration No. 309
 File No. _____ Drawing No. _____
 Date 6-30-60 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. WAY-1306 08/25/2023

+ 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.