

A-10

March 21, 1946

Mr. W. H. Bickel
Route # 4
Parkersburg, West Virginia

Dear Sir:

Enclosed is permit WOO-204 to drill Well
No. 5 on the F. H. Rolston Farm, Union District,
Wood County.

Very truly yours,

Engineer
OIL AND GAS DIVISION

JRB:K
Encl-2

CC: Inspector L. W. Young

12/22/2023

A-11



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

December 13, 1957

C
O
P
Y

Mr. John E. Lowther, Inspector
Oil and Gas Wells
307 East Main Street
Harrisville, West Virginia

Dear Mr. Lowther:

It seems that we have been treating you roughly, considering your letter of December 11th.

I cannot imagine what happed to your copy of Mr. Blauser's plugging permit. However, it is enclosed but please return the well record for sure as it is the only one we have.

I did not send you a copy of the well record for the Prunty well since Mr. Swadley had sent me only one and, knowing you were on vacation, I believed that the plugging would be finished before you could check on it and need the record. A copy is enclosed today.

We have nothing on Clyde McPeek for wood County since last August which was the B. W. Douglas Well No. 18, already completed and affidavit filed.

Regarding Memorandum of November 25th, get grease jobs, spark plugs and adjusting brakes at Service Station on your Courtesy Card, if possible. If this is not possible purchase items or service and have the Department billed with the cost (four copies of invoice). Get chains where you can purchase them the cheapest and have the Department billed with the same four copies of invoice.

Thank you for the check for \$1.50 which will be turned over to Mrs. Sayre in the Main Office.

Sincerely,

Assistant Director
OIL AND GAS DIVISION

12/22/2023



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 CHARLESTON

December 13, 1927

Mr. John E. Lowther, Inspector
 Oil and Gas Wells
 307 East Main Street
 Harrisville, West Virginia

Dear Mr. Lowther:

If seems that we have been treating you roughly, considering your letter of December 11th.

I cannot imagine what happened to your copy of Mr. Bissler's plugging permit. However, it is enclosed but please return the well record for sure as it is the only one we have.

I did not send you a copy of the well record for the Perry well since Mr. Swisher had sent me only one and, knowing you were on vacation, I believed that the plugging would be finished before you could check on it and need the record. A copy is enclosed today.

We have nothing on Clyde McKee for Wood County since last August which was the B. W. Douglas Well No. 18, already completed and evidently filed.

Regarding Memorandum of November 25th, get grease jobs, spark plugs and adjusting brakes at Service Station on your Courtesy Card, if possible. If this is not possible purchase items or service and have the Department billed with the cost (four copies of invoice). Get chains where you can purchase them the cheapest and have the Department billed with the same four copies of invoice.

Thank you for the check for \$1.50 which will be turned over to Mrs. Gayre in the Main Office.

Sincerely,

Assistant Director
 OIL AND GAS DIVISION

COPY

B-8



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.

Coal Operator	<u>W.H. Bickel Estate</u>
	Name of Well Operator
	<u>I.R. Blauser</u>
	Cutler, Ohio
Address	<u>Parkersburg, West Va.</u>
	Complete Address
Coal Owner	<u>Nov. 23, 1957</u>
	Date
Address	<u>Union</u> District
Lease or Property Owner	<u>Wood</u> County
Address	Well No. <u>5</u>
	<u>G.H. & F.H. Rolston</u> Farm

Inspector to be notified JOHN E. LOWTHER / Telephone Number HARRISVILLE, 135
24 HOURS IN ADVANCE OF PLUGGING DATE

Gentlemen:—

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).

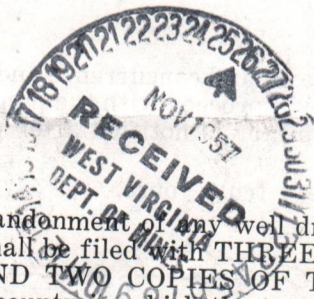
This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in 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,

I.R. Blauser

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.

12/22/2023

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.

WOO-204-P

Permit Number

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:

- 2136'
- Fill with clay from total depth 2203' to 2316- 20' above Berea Sand
10' neat cement & 5' crushed stone
- Fill with clay 1864'-170' below 6-5/8" casing
2 sacks neat cement 5' crushed stone
- Lift 6-5/8" casing as hole is filled with clay to 20' above Inf.
Sand, 1600'
- 2 sacks neat cement 5' crushed stone
- Continue to fill clay 1058', seat of 8" casing
2 sacks neat cement 5' crushed stone
- Pull balance 6-5/8" casing
- Set permanent bridge 385' seat of 10" casing
2 sacks neat cement 5' crushed stone
- Fill with clay to surface.

Set permanent marker as described in Rule 10 in 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,

J. B. Blaws

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

12/22/2023

27th day of ~~November~~, 1957, 19

DEPARTMENT OF MINES
Oil and Gas Division

By: *C. F. Finley*

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.

B-10

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.

W.H. Bickel
Parkersburg, West Va.

COAL OPERATOR OR OWNER _____ NAME OF WELL OPERATOR
I.R. Blauser

ADDRESS _____ COMPLETE ADDRESS
Cutler, Ohio

COAL OPERATOR OR OWNER _____ WELL AND LOCATION
Union

ADDRESS _____ District
Wood

LEASE OR PROPERTY OWNER _____ County
Well No. 5

ADDRESS _____ G.H. & F.H. Rolston Farm

STATE INSPECTOR SUPERVISING PLUGGING John Lowether

AFFIDAVIT

STATE OF WEST VIRGINIA, Ohio }
County of Washington } ss:

I . R. Blauser and James F. Garrett

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 Self, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 9 day of Dec., 19 57, 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	Fill with clay from total depth 2203' to 2126'-30' above Berea Sand. 10" neat cement 5" crushed stone	SIZE & KIND		40'
	Fill with clay to 1890'--76' below 6 5/8 casing 2 sacks of neat cement 10" crushed stone		1760-6 5/8	"
	Casing was cut at 1764' leaving two joint and the packer in the hole. Approx. 40'			
	Lift 6--5/8" casing as hole is filled with clay to 20' above the In j. Sand 1600'			
	2 sacks of neat cement 10" crushed stone			
	Continue to fill with clay to 1058', seat of 8" casing			
	2 sacks of neat cement 10" crushed stone			
	Pull balance of the 6-5/8 casing			
	Set permanent bridge 385' seat of 10" casing			
	2 sacks neat cement 10" crushed stone			
	Fill with clay to surface. Set permanent marker as described in Rule 16 in 1931 regulations			
COAL SEAMS			DESCRIPTION OF MONUMENT	
(NAME)			Top of hole filled with rock and cement with 7" pipe protruding approx. 3'.	
(NAME)				
(NAME)				
(NAME)				



and that the work of plugging and filling said well was completed on the 16 day of Dec., 19 57.

And further deponents saith not.

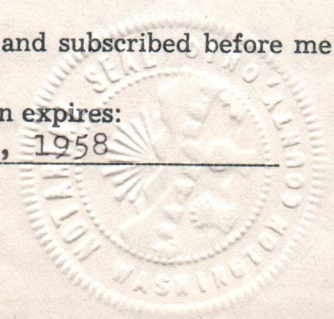
I.R. Blauser
J.F. Garrett 12/22/2023

Sworn to and subscribed before me this 24 day of December, 19 57.

My commission expires: Nov. 1, 1958

Wm R. Suddard
Notary Public.

Permit No. W00-204-P



AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN THE COUNTY OF _____ AND THE STATE OF WASHINGTON BY THE PERSON OR PERSONS WHOSE NAMES ARE SET FORTH IN THESE AFFIDAVITS AND BY THE PERSONS WHOSE NAMES ARE SET FORTH IN THESE AFFIDAVITS AT THE PLACE AND TIME SPECIFIED IN THESE AFFIDAVITS.

STATE OF WASHINGTON
COUNTY OF _____
WELL LOCATION _____
WELL NO. _____
NAME OF WELL OWNER _____
ADDRESS _____
CITY _____

STATE INSPECTOR SUPERVISOR REGION _____
AFFIDAVIT

STATE OF WASHINGTON
COUNTY OF _____
I, JAMES R. BARNETT and _____
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 _____
well located and situated in the work of plugging and filling the above well, that said work
was completed on the _____ day of _____, 19____, and that the well was plugged
and filled in the following manner:

DEPTH OF ZONE PLUGGED	PLUGGING MATERIAL	PLUGGING METHOD	CASING
0 to 10 feet	Best cement 10' casing	Setting two joints and the casing was set in the hole.	17 1/2" casing
10 to 20 feet	Best cement 10' casing	Setting two joints and the casing was set in the hole.	17 1/2" casing
20 to 30 feet	Best cement 10' casing	Setting two joints and the casing was set in the hole.	17 1/2" casing
30 to 40 feet	Best cement 10' casing	Setting two joints and the casing was set in the hole.	17 1/2" casing
40 to 50 feet	Best cement 10' casing	Setting two joints and the casing was set in the hole.	17 1/2" casing
50 to 60 feet	Best cement 10' casing	Setting two joints and the casing was set in the hole.	17 1/2" casing
60 to 70 feet	Best cement 10' casing	Setting two joints and the casing was set in the hole.	17 1/2" casing
70 to 80 feet	Best cement 10' casing	Setting two joints and the casing was set in the hole.	17 1/2" casing
80 to 90 feet	Best cement 10' casing	Setting two joints and the casing was set in the hole.	17 1/2" casing
90 to 100 feet	Best cement 10' casing	Setting two joints and the casing was set in the hole.	17 1/2" casing

12/22/2023



Notary Public
My commission expires _____
I, _____
do hereby certify that the above is a true and correct copy of the original as the same appears in the files of the Department of Mines and Geological Survey.
Notary Public

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. Woo-204P

Well No. 5

COMPANY W.H. Bickle Est. ADDRESS Parkersburg, W.Va.

FARM G.H. Ralston DISTRICT Union COUNTY Wood

Filling Material Used Clay, stone & cement

Liner Location Amount Packer Location

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

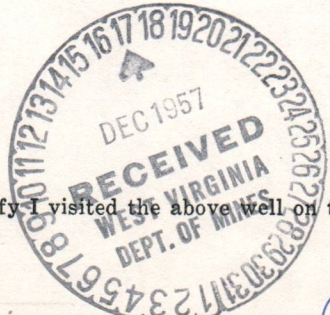
Drillers' Names I.R. Blauser & James Garrett

Remarks:

Cut 6 5/8" pipe at Approx. 1775' Bridged at 2150' and 1900'.

Dec. 10, 1957
DATE

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



[Handwritten Signature]

DISTRICT WELL INSPECTOR

12/22/2023

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 _____	Size _____			Kind of Packer _____
Address _____	16 _____			
Farm _____	13 _____			
Well No. _____	10 _____			Size of _____
District _____ County _____	8 1/4 _____			
Drilling commenced _____	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.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

DATE

DISTRICT WELL INSPECTOR

12/22/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. Woo-204P

Well No. 5

COMPANY W.H. Bickle Est. ADDRESS Parkersburg, W. Va.

FARM G.H. Ralston DISTRICT Union COUNTY Wood

Filling Material Used Claystone & cement

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

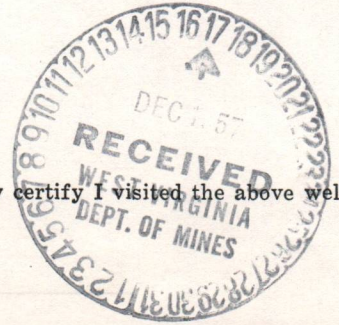
Drillers' Names I.R. Blauser & James Garrett

Remarks:

No one working on this well today (too cold) Some pipe has been removed. This is the job Mr. Blauser gave me the permit No# over phone.

Dec. 12, 1957
DATE

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



John E. Lowther

DISTRICT WELL INSPECTOR
12/22/2023

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 _____		Size			Kind of Packer _____
Address _____					
Farm _____		16			
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

12/22/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. Woo-204P

Well No. 5

COMPANY W.H. Birkle Est. % I.R. Blausser ADDRESS Cutler, Ohio

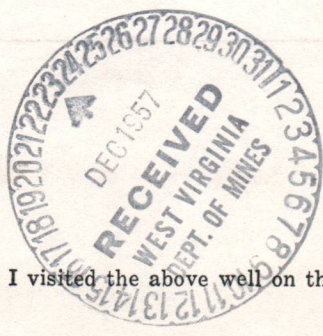
FARM G.H. & F.H. Ralston DISTRICT Union COUNTY Wood

Filling Material Used Clay, stone & cement

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
				1774'	6/5/8"	40'
				14'	8"	None

Drillers' Names I.R. Blausser & James Garrett

Remarks: Complete with marker.



12/18/57
DATE

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

Hubert Lawther

DISTRICT WELL INSPECTOR
12/22/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
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

12/22/2023



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Marietta

WELL RECORD

Permit No. W00-204

Oil or Gas Well Gas
(KIND)

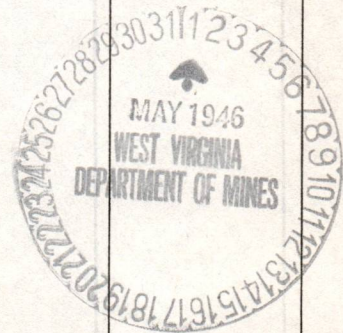
Company W. H. Bickell
Address Route 4, Parkersburg, W. Va.
Farm G. H. & F. H. Rolston Acres 100
Location (waters) Worthington Creek
Well No. 5 Elev. 720'
District Union County Wood
The surface of tract is owned in fee by F. H. Rolston
Route 1. Address Waverly, W. Va.
Mineral rights are owned by G. H. & F. H. Rolston Hrs.
Waverly, W. Va. Address Route 1.
Drilling commenced March 6, 1946
Drilling completed April 4, 1946
Date Shot April 5 From 2157 To 2177
With 30 qts. Glycerine
Open Flow 4 /10ths Water in Two Inch
 /10ths Merc. in Inch
Volume 94,000.00 Cu. Ft.
Rock Pressure 165 lbs. 24 hrs.
Oil bbls., 1st 24 hrs.
Fresh water None feet feet
Salt water 1655---- feet 1750 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18 cond.	14'	14'	Anchor
10	385'	None	Size of <u>6-5/8"</u>
8 1/4	1058'	None	by <u>8-1/4"</u>
6 1/2	1814'	1814'	Depth set <u>1796'</u>
5 3/16			
3			Perf. top <u>None</u>
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED None SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT None FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
clay	yellow	soft		15			
clay	red	soft	15	18			
sand	white	med.	18	25			
rockclay	white	soft	25	32			
rock	red	soft	32	70			
slate	white	soft	70	125			
rock	red	soft	125	170			
slate	white	soft	170	190			
rock	red	soft	190	200			
slate	white	soft	200	255			
rock	red	soft	255	330			
slate	white	soft	330	420			
rock	red	soft	420	530			
slate w	white	soft	530	560			
rock	red	soft	560	575			
sand	white	med.	575	600			
slate	white	med.	600	664			
rock	red	soft	664	785			
slate	white	med.	785	800			
rock	red	soft	800	822			
slate	white	soft	822	850			
slate	black	soft	850	860			
slate	white	med.	860	875			
rock	red	soft	875	925			
slate	white	soft	925	940			
rock	red	soft	940	955			
slate	white	soft	955	992			
slate	black	soft	992	998			
lime	grey	med.	998	1013			1013-Goble Rock
slate	white	soft	1013	1048			
sand	white	hard	1048	1081			1081-2nd. Cow Run
slate-shells-grey	grey	med.	1081	1312			
sand	white	hard	1312	1320			
slate-shells-white	white	med.	1320	1395			
sand	white	hard	1395	1410			
slate	black	soft	1410	1413			
sand	grey	med.	1413	1470			
slate-shells-med.	med.	med.	1470	1515			



12/22/2023

By Harry A. Holliday, Sub't.

APPROVED W. H. Dickey, Owner

Date April 30, 1946

DEPARTMENT OF MINES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
sand-lime	white	med.	1515	1620			
sand-broken	black	med.	1620	1650			
sand-lm.	white	hard	1650	1769			--salt water-1655-1750-hole full
slate	blue	soft	1769	1773			
lime	grey	med.	1773	1835			
slate-shells	white	med.	1835	1917			
lime	dark	med.	1917	1936			
shale	brown	soft	1936	2147			
sand-Berea	med.	grey	2147	2156			
slate	black	soft	2156	2178			Gas-----2178-2177
			2178	2203			---Total Depth cleaned out.
rock	red	soft	2203	2203			



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle _____

WELL RECORD

Permit No. W00-204

Oil or Gas Well _____
(KIND)

Company W00-204

Address _____

Farm W. H. Bickel Acres _____

Location (waters) Parkersburg, W. Va.

Well No. G. H. & F. H. Rolston Elev. 100

District Worthington Creek County 5

The surface of tract is owned in fee by Elev. 720'
Union Address Wood 580

Mineral rights are owned by F. H. Rolston
Route 1, Address Waverly, W. Va.

Drilling commenced G. H. & F. H. Rolston Hrs. _____

Drilling completed Waverly, W. Va. Route 1

Date Shot March 6, 1946 To _____

With _____

Open Flow /10ths Water in April 4, 1946 Inch _____
/10ths Merc. in April 5, 1946 Inch _____

Volume 30 qts. Glycerine Cu. Ft. _____

Rock Pressure 4/10 lbs. two hrs. _____

Oil _____ bbls., 1st 24 hrs. _____

Fresh water 94,000.00 feet _____ feet _____

Salt water 165 lbs. feet 24 hrs. feet _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4 - cond	14"	14"	Anchor
6 5/8	10"	None	Depth set <u>6 5/8"</u> by <u>8 1/4"</u>
5 3/16	8 1/2"	None	Perf. top <u>1796"</u>
3	6 5/8"	1814"	Perf. bottom _____
2			Perf. top <u>None</u>
Liners Used			Perf. bottom _____

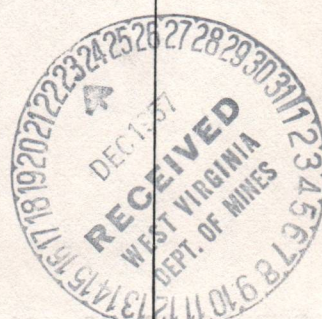
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
	Salt Water		<u>1655' & 1750'</u>				
Clay	yellow	soft	0	15			
Clay	Red	soft	15	18			
san d	white	Med.	18	25			
rock clay	white	soft	25	32			
rock	red	soft	32	70			
slate	white	soft	70	125			
rock	red	soft	125	170			
slate	white	soft	170	190			
rock	red	soft	190	200			
slate	white	soft	200	255			
rock	red	soft	255	330			
slate	white	soft	330	420			
rock	red	soft	420	530			
slate	white	soft	530	560			
rock	red	soft	560	575			
sand	wh ite	med.	575	600			
slate	white	med.	600	664			
rock	red	spft	664	785			
slate	white	med.	785	800			
rock	red	spft	800	822			
slate	white	spft	822	850			
slate	black	spft	850	860			
slate	white	med.	860	875			
rock	red	soft	875	925			
slate	white	soft	925	940			
rock	red	soft	940	955			
slate	white	soft	955	992			
slate	black	soft	992	998			
lime	grey	med.	998	1013			
slate	white	soft	1013	1048			
sand	white	hard	1048	1081			
slate	shells-grey	med.	1081	1312			
sand	white	hard	1312	1320			
slate	shells-white	med.	1320	1395			
sand	white	hard	1395	1410			



---Goble Rock
---2nd. Cow Run

(Title)

By

APPROVED

Owner

Date

19

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	black	soft	1410	1413			
slate	black	med.	1413	1470			
slate-shells	med. grey	med.	1470	1515			
sand-l	white	med.	1515	1620			
sand-broken	black	med.	1620	1650			
sand-lm.	white	hard	1650	1769			
slate	blue	soft	1769	1773			
lime	grey	med.	1773	1835			
slate	black	med.	1835	1917			
slate-shells	white	med.	1917	1936			
lime	dark	med.	1936	2147			
shale	brown	soft	2147	2156			
sand-beres	med. black	soft	2156	2178			
slate	black	soft	2178	2203			
							2203 --total depth cleaned out.
							2157-2177 ---gas---
							salt water-1655-1750-hole full

B-2

12/22/2023