



**State of West Virginia**

Department of Mines  
Oil and Gas Division  
Charleston 5

April 26, 1971

Carnegie Natural Gas Co.  
3904 Main St.  
Muhall, Pennsylvania

IN RE: PERMIT NO. WET-5-FRAC.  
FARM MIKE BARR  
WELL NO. 3 S-215  
DISTRICT GRANT  
COUNTY WETZEL

Gentlemen:

Enclosed is permit for fracturing the above described well.

Please post one copy of permit at the well site and send two copies of the well record to this office, within 90 days, when fracturing has been completed.

Very truly yours,

Deputy Director  
Oil and Gas Wells Division

RLD/lr  
Enclosures:

cc- West Virginia Geological & Economic Survey

Mr. Arthur Null, Inspector, Box 296, Hundred, W. Va. PH: 775-5611

09/08/2023

A-9

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APR 26 1971  
OIL & GAS DIVISION  
DEPT. OF MINES

STATE OF WEST VIRGINIA  
Oil and Gas Well Division  
DEPARTMENT OF MINES

NOTICE OF PROPOSED FRACTURING OF OIL AND/OR GAS WELL  
ORIGINALLY DRILLED BEFORE JUNE 5, 1929

To The Department of Mines,  
Charleston, West Virginia

Ben Reeder  
Coal Operator or Coal Owner  
Morgantown, W. Va.  
Address  
William Kilcoyne  
~~Coal Operator or Coal Owner~~  
surface  
Smithfield, W. Va.  
Address  
Hope Natural Gas Co.  
Owner of Mineral Rights  
Clarksburg, W. Va. 26301  
Address

Carnegie Natural Gas Co.  
Name of Well Operator  
3904 Main St., Munhall, Pa. 15120  
Complete Address  
April 20, 1971  
PROPOSED LOCATION  
Grant District  
Wetzel County  
Mike Barr Farm

GENTLEMEN:

The undersigned well operator is entitled to fracture an oil or gas well originally drilled before June 5, 1929, upon the above-named farm tract of land for oil and gas, having fee title thereto (or as the case may be) under grant or lease dated Oct. 17, 1908 made by Benedum-Trees Oil Co. and Parker & Edwards Oil Co., TO Carnegie Natural Gas Co., and recorded on the 8th day of August, 1912, in the office of the County Clerk for said County in Book 2A, Page 180

The enclosed plat was prepared by a competent engineer and shows the location of a well to be fractured for oil and/or 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 landmarks.

The above-named coal operator or coal owners (if any) are notified that any objections they may desire to make to such proposed fracturing or which they are required to make by Section 3 of said Code, if the fracturing of a well at said location will cause a precarious 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 conditions for the protection of life and property under which the well should be fractured to overcome such objections.

09/08/2023

BLANKET BOND

WET-5-FRAC.

A-10

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DEPT. OF MINES

(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.

PROVIDED FURTHER if on 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, and/or prior written consent has been given by the coal operator and received by the Department, to said proposed fracturing, the Department shall forthwith issue to the well operator a fracturing 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 fracture such well.

Very truly yours,

Carnegie Natural Gas Co.

By J. W. Soreney  
Well Operator Div. Supt.

3904 Main St.  
Street

Munhall  
City or Town

Pa.  
State

\_\_\_\_\_  
Permit Number

Address  
of  
Well Operator

09/08/2023

STATE OF WEST VIRGINIA

Oil and Gas Division  
DEPARTMENT OF MINES

WELL FRACTURING PERMIT

for  
Oil and/or Gas Well Originally Drilled  
Before June 5, 1929

Permit No. WET-5-FRAC.  
APRIL 26, 1971

TO: CARNEGIE NATURAL GAS CO.  
Well Operator  
3904 MAIN STREET  
Street  
MUNHALL, PENNSYLVANIA  
City and State

LOCATION OF WELL:  
GRANT District  
WETZEL County  
Well No. 3 S-215 Elevation 843'  
MIKE BARR Farm  
Acres 1004

The Department of Mines received your Notice and Plat of the well described above on the 26th day of APRIL, 1971, showing proposed location for fracturing an oil or gas well originally drilled before June 5, 1929.

Ten days having expired (and/or prior written consent has been given by the Coal Operator and received by the Department) since the receipt of Notice and Plat and no objections having been made by the coal owners, coal operators, or the Department of Mines, the Fracturing Permit and permission is granted you to fracture said well in accordance with the several provisions of amended Article 4, Chapter 22, Code of 1963, the well to be numbered and located as above shown and more particularly as indicated on the Plat on file with this Department.

PROVIDED FURTHER if the above-named tract of land is being actively mined for coal, the Well Operator shall notify the Coal Operator and the Deputy Director for Oil and Gas 24 hours in advance of the time of day and date actual fracturing of said well shall commence.

In case the well is not fractured within four months from the above date, this Fracturing Permit shall expire and be of no further force or effect.

09/08/2023

Deputy Director Oil and Gas  
for the Department of Mines

*Ar 12*



State of West Virginia

Department of Mines  
Oil and Gas Division

Charleston 25311

July 13, 1979

WALTER N. MILLER  
DIRECTOR

ROBERT L. DODD - P. E.  
Administrator

Carnegie Natural Gas Company  
3904 Main Street  
Munhall, Pa. 15120

Gentlemen:

Please be advised that we have made the following changes in our drilling files.

In all future correspondence regarding the permit (s) listed below, please use the new assigned number:

<u>ORIGINAL NUMBER</u>	<u>NEW NUMBER</u>	<u>FARM NAME</u>	<u>WELL NO:</u>	<u>DISTRICT</u>
WET-4-FRAC.	103-1164	Peter Kiger	1	Clay
WET-5-FRAC.	103-1165	Mike Barr	215	Grant

These changes have been made due to the department changing to computer. If you have any questions, please feel free to write or call.

Very truly yours,

Robert L. Dodd, Administrator  
Office of Oil and Gas

RLD/chm

09/08/2023

cc: Mr. T. Huzzey - Mr. David Gillespie - District Inspector - File



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Littleton SE

Permit No. 1165

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Carnegie Natural Gas Co.  
Address 3904 Main St., Munhall, Pa.  
Farm Mike Barr Acres 1104-3/4  
Location (waters) \_\_\_\_\_  
Well No. 215 Elev. 843  
District Grant County Wetzel  
The surface of tract is owned in fee by William Kilcoyne  
Address Smithfield, W.Va.  
Mineral rights are owned by Hope Natural Gas Co.  
Address Clarksburg, W.Va.  
Drilling commenced Dec. 28, 1909  
Drilling completed Mar. 10, 1910  
Date Shot 1/1/32 From 2968 To 2710  
With 25 qts.  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ 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			<u>Anchor Spec.</u>
13			Size of <u>5-3/16x3</u>
10	<u>407</u>	<u>pulled</u>	Depth set <u>1999</u>
8 1/4	<u>1185</u>	<u>pulled</u>	Perf. top <u>2687</u>
6 5/8	<u>1640</u>	<u>1640</u>	Perf. bottom <u>2707</u>
5 3/16	<u>1851</u>	<u>1851</u>	Perf. top <u>2769</u>
3	<u>2789</u>	<u>2789</u>	Perf. bottom <u>2789</u>
2			
Liners Used			

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 565 FEET 84 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
Pgh. Coal			565	572			
Big Dunkard			1100	1125			
1st Salt Sand			1450	1575			
Big Lime			1785	1845			
Big Injun			1845	2070			
Gordon Sand			2638	2678			
4th Sand			2698	2716	Gas	2700	
Total Depth				2789			

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OIL & GAS DIVISION  
DEPT. OF MINES





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Littleton SE

Permit No. WET-5-FRAC - 1165

**WELL RECORD**

Oil or Gas Well GAS (KIND)

Company Carnegie Natural Gas Company  
 Address 3904 Main Street, Munhall, Pa. 15120  
 Farm Mike Barr Acres 1004  
 Location (waters) North Fork  
 Well No. 215 Elev. 843  
 District Grant County Wetzel

The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by Hope Natural Gas Company  
 Address Clarksburg, W. Va.

Drilling commenced Cleaning Out 2/19/71  
 Drilling completed Cleaning Out 4/15/71  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

With \_\_\_\_\_  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume 21,061 Cu. Ft.  
 Rock Pressure 362 lbs. 20 hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) \_\_\_\_\_

WELL FRACTURED (DETAILS) Water frac by Dowell, 5/12/71, 561 bbls water, 26,000# sand

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 212,000 FT<sup>3</sup> 212,000 cu ft

ROCK PRESSURE AFTER TREATMENT 515 HOURS 16 Hrs

Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 1/4			
6 5/8			
5 3/16			
4 1/2			
3	2706	2706	Perf. top <u>2642</u>
2			Perf. bottom <u>2650</u>
Liners Used			Perf. top _____
			Perf. bottom _____

Attach copy of cementing record.  
 Tubing \_\_\_\_\_  
 CASING CEMENTED 3" SIZE 200 No. Ft. 5/4/71 Date \_\_\_\_\_  
 Amount of cement used (bags) 60  
 Name of Service Co. Garaton Service, Inc.  
 COAL WAS ENCOUNTERED AT 565 FEET 84 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Pgh. Coal			565	572			
Big Dunkard			1100	1125			
1st Salt Sand			1450	1575			
Big Lime			1785	1845			
Big Injun			1845	2070			
Gordon Sand			2638	2678			
4th Sand			2698	2716	Gas	2700	
Total Depth				2789			
P.B. T.D.				2706			

09/08/2023

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JUN 28 1971





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

RECEIVED

MAY 18 1971

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WET-5-FRAC.

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>CARNEGIE NAT. GAS</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>MUNNELL, PA.</u>	Size			Kind of Packer _____
Farm <u>MINE BARB</u>	16			
Well No. <u>3-5-215</u>	13			Size of _____
District <u>GRANT</u> County <u>WETZEL</u>	10			
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.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
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: WANTED TO WITNESS THIS FRAC. JOB, BUT FOUND OUT AT CARNEGIE OFFICE IT WAS DONE WEDNESDAY. SHOWS SOME INCREASE BUT NOT YET CLEANED UP.

5-14-71  
DATE

Arthur Dull  
DISTRICT WELL INSPECTOR  
09/08/2023

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS 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  
**09/08/2023**

B-4

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

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MAY 25 1971

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WET-5-FRAC

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>CARNEGIE NAT. GAS</u>	Size			
<u>MUNHALL, PA.</u>	16			Kind of Packer _____
<u>MIKE BARR</u>	13			
<u>1004</u>	10			Size of _____
<u>GRANT</u> County <u>WETZEL</u>	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.	NAME OF SERVICE COMPANY _____			
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: Well showing improvement as swabbing continues.

5-21-71  
DATE

Arthur Pull  
DISTRICT WELL INSPECTOR

09/08/2023



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

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SEP 29 1971

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WET-5-KBAC

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>CARNEGIE NAT. GAS</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>MIKE BARR.</u>	16			Kind of Packer _____
Well No. <u>215</u>	13			
District <u>GRANT.</u> County <u>WET.</u>	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	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: well in good order for release.

BOND CANCELLED  
RETURNED TO WELL OPERATOR AND/OR PRINCIPAL

9-30, 19 71

9-24-71  
DATE

Arthur M. Hill  
DISTRICT WELL INSPECTOR  
09/08/2023

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS 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

09/08/2023



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 5

September 30, 1971

Carnegie Natural Gas Company  
3904 Main Street  
Munhall, Pa. 15120

In Re: Permit No. WET-5-FRAC  
Farm Mike Barr  
Well No. 215  
District Grant  
County Wetzel

Gentlemen:

The final inspection report for the well which is described above has been received in this office. ONLY the column checked below applies.

xx The bond which is covered by the above permit number has been released under your Blanket Bond.

\_\_\_\_\_ Please return the enclosed cancelled bond to the Surety Company that executed said bond in your behalf, in order that they may give you credit on their records.

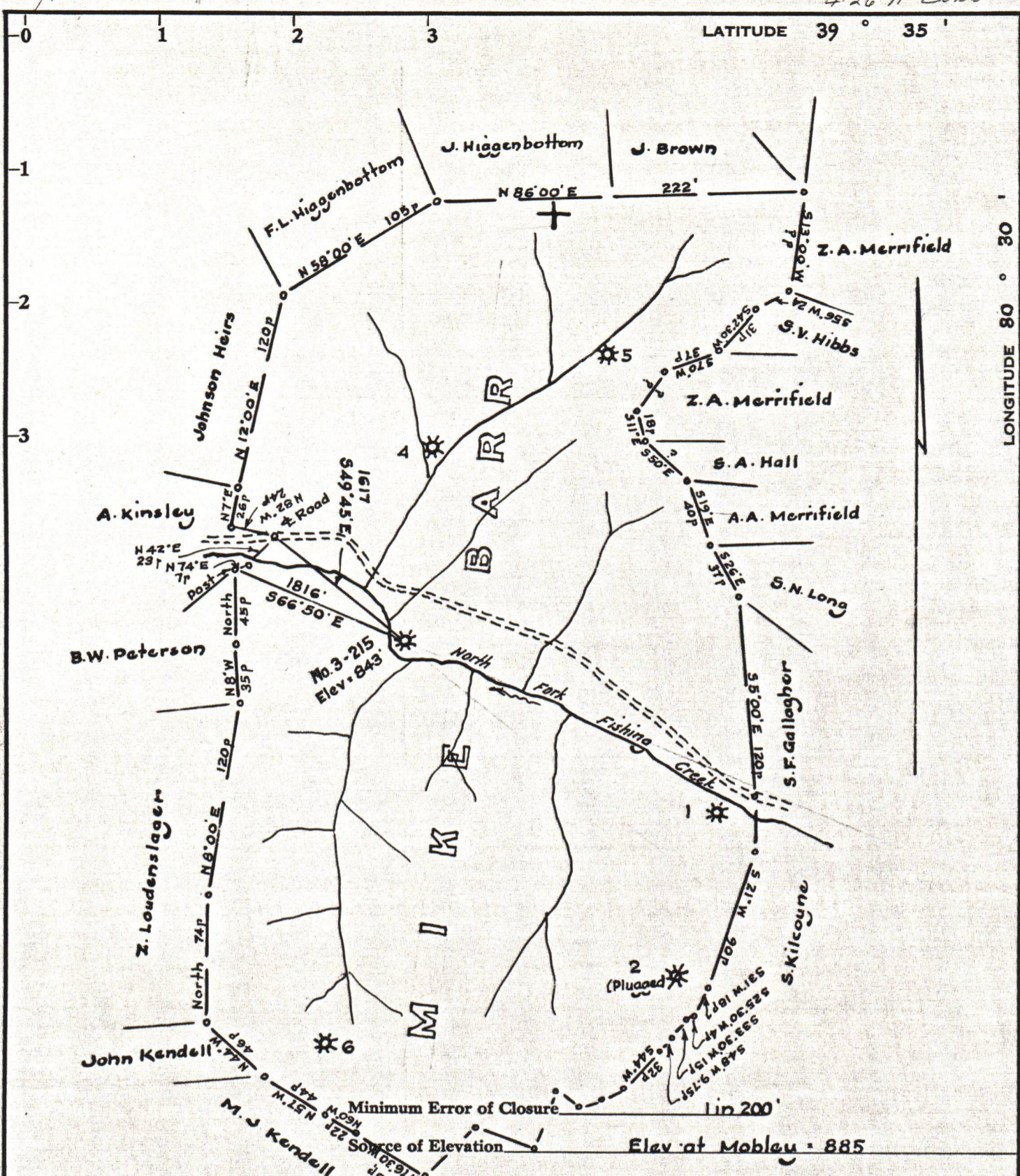
Very truly yours,

Deputy Director  
Oil & Gas Division

b

09/08/2023





- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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.

Signed: *[Signature]*  
 Squares: N S E W

Map No. \_\_\_\_\_

Company CARNEGIE NATURAL GAS CO.  
 Address Munhall, Pennsylvania  
 Farm Mike Barr  
 Tract \_\_\_\_\_ Acres 1004 Lease No. E-6740-74  
 Well (Farm) No. 3 Serial No. 215  
 Elevation (Spirit Level) 843  
 Quadrangle Littleton  
 County Wetzel District Grant  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 3, 1970 Scale 1" = 80p = 1320'

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

**WELL LOCATION MAP**

FILE NO. WET-5-3rd Trans.  
to Wet-1165 09/08/2023

+ 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.