

[08-78]

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

Date: April 15, 1981

Mike Barr
OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 8-1848

API Well No. 47 - 103 - 122
State County Permi

WELL TYPE: Oil ___ / Gas X /
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow ___ /)

LOCATION: Elevation: 849' Watershed: North Fork of Fishing Creek

District: Grant County: Wetzel Quadrangle: Big Run

WELL OPERATOR Carnegie Natural Gas Company

DESIGNATED AGENT James C. Stephenson

Address 3904 Main St.
Munhall, Pa. 15120

Address Po Box 387
Mannington, WV 26582

OIL & GAS ROYALTY OWNER Hope Natural Gas Company

COAL OPERATOR

Address 445 West Main St.
Clarksburg, WV 26301

Address

Acreage 1004

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER S. J. Kilcoyne Estate

Attention: Dennis W. Stanhagen
Name Consolidation Coal Co. one-half

Address c/o Bernice Kilcoyne
Mannington, WV 26582

Address Pittsburgh, Pa. 6451 Pleasant St
Library, Pa. 15112

Acreage

Name Benedum-Trees Oil Co. one-half

FIELD SALE (IF MADE) TO:

Address 223 4th Street

Name

Pittsburgh, Pa. 15222

Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name

Address

RECEIVED
APR 21 1981

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Phillip Lee Tracy

Address PO Box 173

Middlebourne, WV 26149

Phone: 758-4573

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above

location under a deed ___ / lease X / other contract ___ / dated Oct. 17, 1908, to the

undersigned well operator from Benedum-Trees Oil Co. & Parker & Edwards Oil Co.

[If said deed, lease, or other contract has been recorded:]

Recorded on Aug. 8, 1912, in the office of the Clerk of the County Commission of Wetzel

County, West Virginia, in ___ Book 2A at page 180. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper ___ / Redrill ___ / Fracture or stimulate X /

Plug off old formation ___ / Perforate new formation ___ /

Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

09/08/2023

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

Carnegie Natural Gas Company
Well Operator

By James C. Stephenson
Its Div. Supt.

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PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Not known

Address _____

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5990 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 150 feet; salt, 1200 feet.

Approximate coal seam depths: 570-577 Is coal being mined in the area? Yes / No

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	11-3/4	H40	42	X		30'		Kinds
Fresh water								
Coal								Sizes
Intermediate	8-5/8	K55	24	X		1850'	1850'	To surface
Production	4-1/2	J55	10.50	X		5990'	5990'	2000'
Tubing								Depths set
Liners								Perforations:
								Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-8 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE
All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling . This permit shall expire if operations have not commenced by 1-6-82.

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

09/08/2023

Date: _____, 19____

By _____
Its _____

#489

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Carnegie Natural Gas Co. Designated Agent J. C. Stephenson
Address 3904 Main St., Munhall, Pa. 15120 Address P.O. Box 387, Mannington, W. Va. 26582
Telephone (412) 462-7121 Telephone (304) 986-2060
Landowner William Kilcoyne Soil Cons. District Upper Ohio
Revegetation to be carried out by Same (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan. 4/24/81 Kenneth R. Mason (SCD Agent)

Access Road		Location	
Structure	<u>None</u> (A)	Structure	<u>None</u> (1)
Spacing	_____	Material	_____
Page Ref. Manual	_____	Page Ref. Manual	_____
Structure	_____ (B)	Structure	_____ (2)
Spacing	_____	Material	_____
Page Ref. Manual	_____	Page Ref. Manual	_____
Structure	_____ (C)	Structure	_____ (3)
Spacing	_____	Material	_____
Page Ref. Manual	_____	Page Ref. Manual	_____

RECEIVED
APR 30 1981



All structures should be inspected regularly and repaired if necessary. OIL & GAS DIVISION
DEPT. OF MINES

Revegetation

Treatment Area I		Treatment Area II	
Lime	<u>6.5</u> Tons/acre or correct to pH	Lime	<u>6.5</u> Tons/Acre or correct to pH
Fertilizer	<u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer	<u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch	<u>Hay</u> 2 Tons/Acre	Mulch	<u>Hay</u> 2 Tons/Acre
Seed*	<u>Ky 31 Fescue</u> 35 lbs/acre	Seed*	<u>Ky 31 Fescue</u> 35 lbs/acre
	<u>Ladino Clover</u> 5 lbs/acre		<u>Ladino Clover</u> 5 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

Attach or photocopy section of involved Topographic map. Quadrangle Big Run

Legend:  Well Site
 Access Road



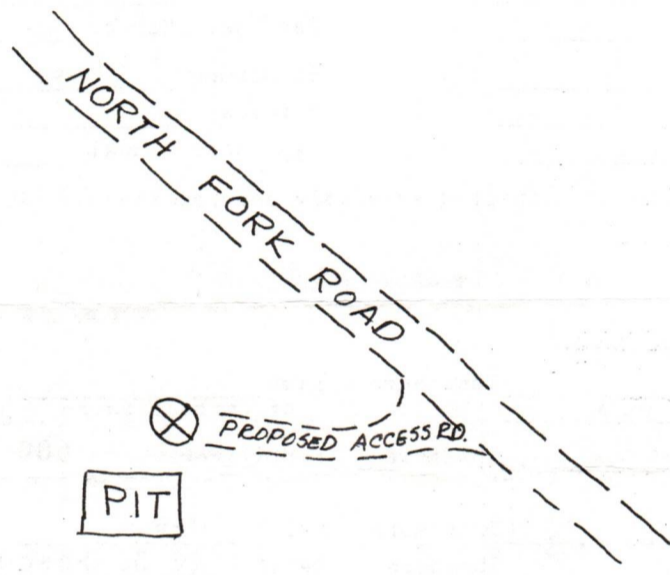
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Well Site Plan

- Legend:
- Property Boundary
 - Road
 - Existing Fence
 - Planned Fence
 - Stream
 - Open Ditch

- Diversion
- Spring
- Wet Spot
- Building
- Drain Pipe
- Waterway

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



Comments: Location is nearly level. No structures needed

Signature: James C. Stephenson P.O.B-x 387, Mannington, W.Va. 26582

Phone No. (304) 986-206

09/08/2023

Please request landowners cooperation to protect new seeding for one growing season.

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

Date August 12, 1981

FORM IV-35
(Obverse)

Operator's Name Mike Barr

Well No. 8-1848

[08-78]

WELL OPERATOR'S REPORT
OF

APR 103 - 1229
County Permit

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

RECEIVED
SEP 4 - 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production X / Underground storage ___ / Deep ___)
LOCATION: Elevation: 849 Watershed: North Fork of Fishing Creek
District: Grant County: Wetzel Quadrangle: Big Run

WELL OPERATOR Carnegie Natural Gas Company DESIGNATED AGENT James C. Stephenson
Address 3904 Main St. Address PO Box 387
Munhall, Pa. 15120 Mannington, WV 26582

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate X
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON April 21, 1981

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED

Name Phillip Lee Tracy
Address PO Box 173
Middlebourne, WV 26149

GEOLOGICAL TARGET FORMATION: Alexander Depth 2990 feet

Depth of completed well, 5972 feet Rotary X / Cable Tools ___

Water strata depth: Fresh, 45-50 feet; salt, 117 feet.

Coal seam depths: 115-117, 595-601 Is coal being mined in the area? no

Work was commenced June 4, 1981, and completed July 22, 1981

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	16	H40		X		21	21	Kinds
Fresh water								
Coal	11-3/4	H40		X		228	228	Sizes
Intermediate	8-5/8	K55		X		1671	1671	Depths set
Production	4-1/2	J55		X		5095	5095	Perforations:
Tubing								Top Bottom
Liners								

OPEN FLOW DATA
Benson and Bradford 4177 - 4987
Warren and Speechley 3336 - 3582
Producing formation Warren Pay zone depth 2969 - 3057 feet

Gas: Initial open flow, 14.9 Mcf/d Oil: Initial open flow, ___ Bbl/d

Final open flow, 94 Mcf/d Final open flow, ___ Bbl/d

Time of open flow between initial and final tests, ___ hours

Static rock pressure, 375 psig (surface measurement) after 17 hours shut in

[If applicable due to multiple completion--]

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ Bbl/d

Final open flow, ___ Mcf/d Final open flow, ___ Bbl/d

Time of open flow between initial and final tests, ___ hours

Static rock pressure, ___ psig (surface measurement) after ___ hours shut in

09/08/2023

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[08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

879-1-1881
1881-1-978
WARRANTY DIVISION
FORM NO. 10-1-1933

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks
					Including indication of all fresh and salt water, coal, oil and gas
Shale	Gray		0	40	
Sand	Blue-Gray		40	50	Water - 45 1/2"
Shale	Gray		50	60	Water - 50 3"
Sand	Gray		60	65	
Sandy Shale	Gray		65	80	
Shale	Gray		80	115	
Coal	Black		115	117	Water - 117 1-1/2"
Shale	Gray		117	190	
Red Rock & Shale	Red & Gray		190	195	
Shale	Gray		195	250	
Red Rock	Red		250	255	
Shale	Gray		255	315	
Sand	Gray		315	345	
Shale	Gray		345	425	
Red Rock	Red		425	435	
Shale	Gray		435	490	
Shale	Black		490	525	
Sandy Shale	Gray		525	550	
Shale	Black		550	560	
Sandy Shale	Gray		560	575	
Sand	Gray		575	585	
Sandy Shale	Gray		585	595	
Coal	Black		595	601	
Sandy Shale	Gray		601	648	
Limy Shale	Gray		648	660	
Red Rock	Red		660	672	
Red Rock & Shale	Red & Gray		672	805	
Shale	Gray		805	900	
Red Rock & Shale	Red & Gray		900	925	
Green Shale	Green		925	935	
Shale	Gray		935	945	
Green Slate	Gray		945	985	
Red Rock	Red		985	990	

(Attach separate sheets to complete as necessary)

Well Operator _____

By _____

Its _____

09/08/2023

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Fractured July 22, 1981.

Hole plugged back to: 5095.

Perforations: 4177 - 4987 16 holes
3336 - 3582 18 holes
2969 - 3057 8 holes

Fractured:	1st Stage	2nd Stage	3rd Stage
	20,000# 80-100 Sand	20,000# 80-100 Sand	10,000# 80-100 Sand
	40,000# 20-40 Sand	40,000# 20-40 Sand	25,000# 20-40 Sand
	500 Gals HCL Acid	500 Gals. MSR Acid	500 Gals. MSR Acid
	500 Bbls. Water	517 Bbls. Water	450 Bbls. Water

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Green Shale	Green		990	1018	
Shalet White Sand	White		1018	1395	
Sand	Gray		1395	1450	
Shale	Gray		1450	1475	
Sand	Gray		1475	1735	
Red Rock	Red		1735	1770	
Shale	Gray		1770	1795	
Lettle Lime	Gray		1795	1800	
Big Lime	White		1800	1900	
Big Injun	White & Gray		1900	2070	
Sandy Shale	Gray		2070	2130	
Shale	Gray		2130	2200	
Sand	Gray		2200	2325	
Shale	Gray		2325	2505	
Sand	Gray		2505	2545	
Shale	Gray		2545	2595	
Sand	Brown		2595	2630	
Shale	Gray		2630	2660	
Sand	Gray		2660	2690	
Shale	Gray		2690	2720	
Sand	Brown		2720	2755	
Shale	Gray		2755	3410	
Sand	Lt. Brown		3410	3440	
Shale	Gray		3440	3900	
Sand	Gray		3900	3930	
Shale	Gray		3930	4050	
Sand	Brown		4050	4080	
Shale	Gray		4080	4770	
Sand	Gray		4770	4835	
Shale	Gray		4835	5330	
Sand	Lt. Brown		5330	5360	
Shale	Gray		5360		
Total Depth				5972	

(Attach separate sheets to complete as necessary)

CARNEGIE NATURAL GAS COMPANY
Well Operator
By Kenneth G. Duray
Its GEOLOGIST

09/08/2023

NOTE: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

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SEP 4 - 1981

OIL AND GAS DIVISION
W. DEPARTMENT OF MINES

09/08/2023

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DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 103-1229

Oil or Gas Well _____
KIND:

Company <u>Carnegie Natural Gas Company</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>Munhall, Pennsylvania</u>	Size			
Farm <u>Mike Barr</u>	16			Kind of Packer _____
Well No. <u>1848</u>	13			
District <u>Grant</u> County <u>Wetzel</u>	10			Size of _____
Drilling commenced <u>6-5-81</u>	8 3/4			
Drilling completed _____ Total depth <u>165'</u>	6 3/4			Depth set _____
Reaming to <u>150'</u> to set <u>11'</u> casing	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>1/2' stream at 45'</u> feet	COAL WAS ENCOUNTERED AT <u>none</u> FEET _____ INCHES			
<u>1 1/2' stream at 117'</u> feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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JUN - 8 1981

Drillers' Names E.L. Mayfield, H.M. McVicker, M. Ware

OIL & GAS DIVISION
DEPT. OF MINES

Remarks:
Good pit, Good location, Good well road, well drained, Approved by this inspector
Contractor, S.W. Jack. rotary-rig-#12

June 5, 1981
DATE

William J. Blosser #502
WILLIAM J. BLOSSER
09/08/2023

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

RECEIVED

JUN 10 1981

INSPECTOR'S WELL REPORT

Permit No. 103-1229

OIL & GAS DIVISION
DEPT. OF MINES

Company <u>Carnegie Natural Gas Company</u>	CASING AND TUBING	USED IN DRILLING	Left in well	PACKERS
Address <u>Inhall Pennsylvania</u>	Size			
Farm <u>Mike Barr</u>	16			Kind of Packer
Well No. <u>1848</u>	13			
District <u>Grant</u> County <u>Wetzel</u>	10	11"	228'	C.T.S.- 70 sacks cement
Drilling commenced	8 1/4			
Drilling completed	6 3/4			Depth set
Total depth <u>1015'</u>	5 3/16			
Stuck in hole	3			Perf. top
Date shot	2			Perf. bottom
Initial open flow	Liners Used			Perf. top
Open flow after tubing				Perf. bottom
Volume	CASING CEMENTED	SIZE	No. FT.	Date
Rock pressure	NAME OF SERVICE COMPANY			
Oil	COAL WAS ENCOUNTERED AT			
Fresh water	FEET	INCHES	FEET	INCHES
Salt water	FEET	INCHES	FEET	INCHES

Drillers' Names E.L. Mayfield, H.M. McVicker, M. Ware

Remarks:

Contractor, S.W. Jack Rotary-rig #12

June 8, 1981
DATE

William J. Blosser #502
WELLS 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

Drillers' Names _____

Remarks: _____

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

09/08/2023 INSPECTOR

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DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 103-1229

Oil or Gas Well _____
KIND

Company Carnegie Natural Gas Company

Address Munhall Pennsylvania

Farm Mike Barr

Well No. #-1848

District Grant County Wetzel

Drilling commenced _____

Drilling completed _____ Total depth 5973'
Drilling Completed

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water 160' - ~~172'~~ ^{4'} stream feet _____ feet _____

Salt water 1115' - 1/2' stream feet _____ feet _____

CASING AND TUBING	USED IN DRILLING	Left in well	PACKERS
Size			
16			Kind of Packer _____
13	11"	228'	C.T.S.-70 sacks cement
10			Size of _____
8 3/4		1655'	C.T.S.-450 sacks cement
6 3/4			cement basket at 500' Depth set
5 3/16			
3	4 1/2	5095'	Cemented 400 sacks cement
2			Perf. bottom _____
Liners Used _____			Perf. top _____
			Perf. bottom _____
CASING CEMENTED _____	SIZE _____	No. FT. _____	Date _____
NAME OF SERVICE COMPANY _____			
115-117'	595-601'	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES	
_____	_____	_____ FEET _____ INCHES	_____ FEET _____ INCHES
_____	_____	_____ FEET _____ INCHES	_____ FEET _____ INCHES

Drillers' Names E Mayfield, H. Mcvicker, M. Ware

Remarks:
Contractor, S.W. Jack Rotary-rig-12

RECEIVED
JUN 24 1981

OIL & GAS DIVISION
DEPT. OF MINES

June 22, 1981
DATE

William J. Blosser #502
INSPECTOR
09/08/2023

B-11

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

INSPECTOR'S WELL REPORT

Permit No. 103-1229

Oil or Gas Well _____
(KIND)

Company <u>Carnegie Gas Co</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Munhall PA</u>	Size			
Farm <u>S. J. Kilcoyne</u>	16			Kind of Packer
Well No. <u>8-1848</u>	13			
District <u>Grant</u> County <u>Wetzel</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			

RECEIVED

MAR 23 1982

Drillers' Names _____

Remarks:

Final Inspection accepted

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

3-17-82

DATE

R.A. Lowther 512
09/08/2023

DISTRICT WELL INSPECTOR

B-12



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

March 31, 1982

Carnegie Natural Gas Company
3904 Main Street
Munhall, Pennsylvania 15120

Dear Sir:

The required records and reports have been received in this office and the District Inspectors have submitted Final Inspections for the following wells listed below:

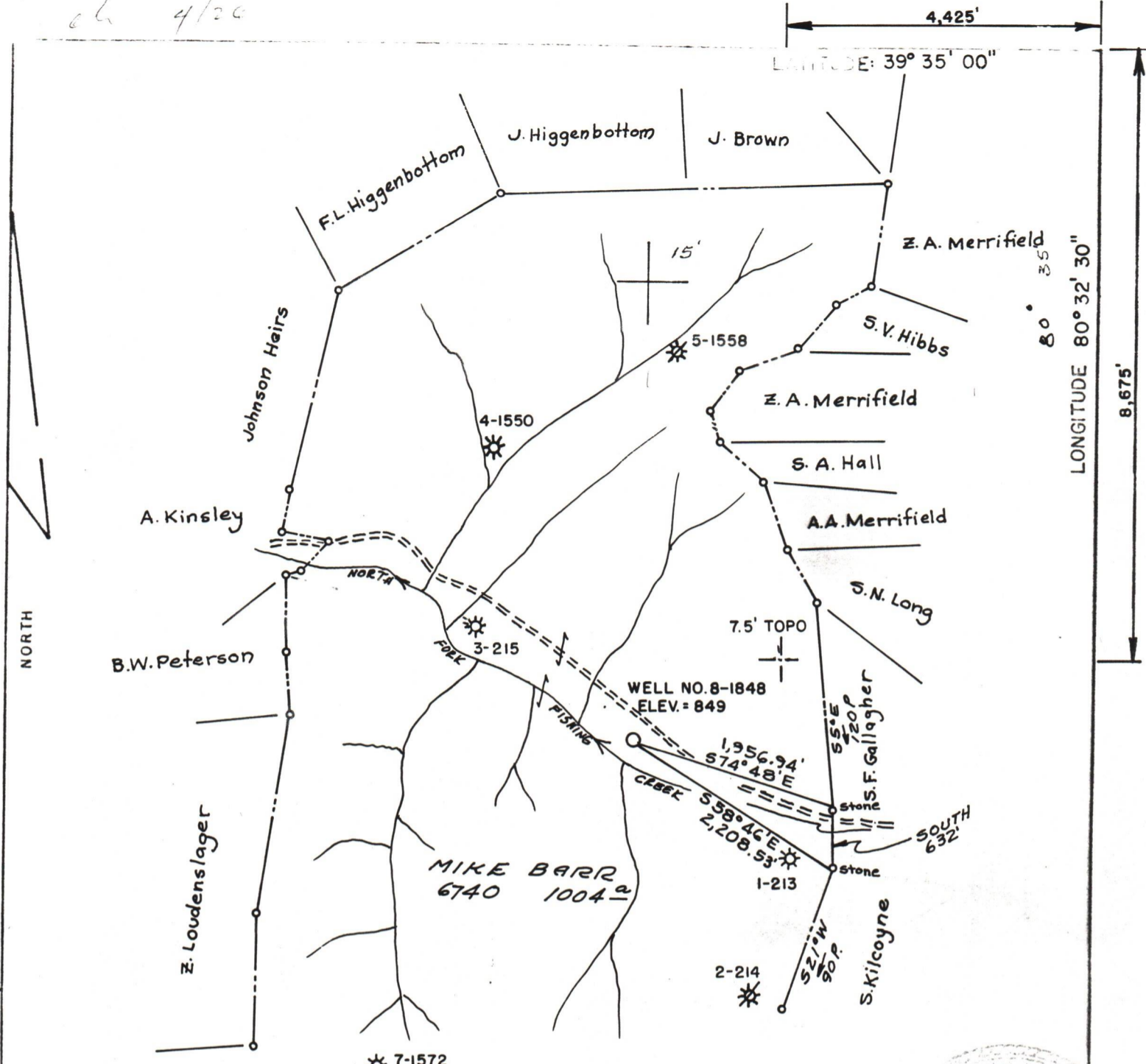
<u>PERMIT NO.</u>	<u>FARM AND WELL NO.</u>	<u>DISTRICT</u>
WET-1194	Lewis Wetzel Public Hunting Area #Mills 2-1836	Green
WET-1229	S. J. Kilcoyne Estate #8-1848	Grant

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved.....

Very truly yours,

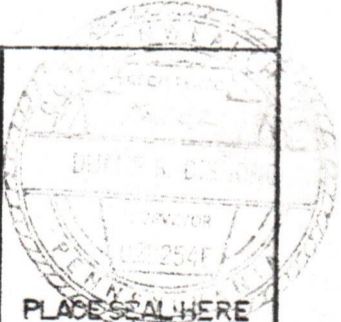
Fred Burdette

66 4/20



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1320'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION B.M. AT MOBLEY.
 ELEV = 885'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Quane R. Dishong
 R.P.E. _____ L.S. 028254E (PA)



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

DATE MARCH 30, 19 81
 OPERATOR'S WELL NO. 8-1848
 API WELL NO. 47-103
 STATE COUNTY PERMIT 1229

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___

LOCATION: ELEVATION 849 WATER SHED NORTH FORK FISHING CREEK
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE BIG RUN

SURFACE OWNER WILLIAM KILCOYNE ACREAGE 1004
 OIL & GAS ROYALTY OWNER HOPE NATURAL GAS CO. LEASE ACREAGE 1004
 LEASE NO. 6740

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5990'
 WELL OPERATOR CARNEGIE NATURAL GAS CO. DESIGNATED AGENT J.C. STEPHENSON
 ADDRESS 3904 MAIN STREET ADDRESS P.O. BOX 387
 MUNHALL, PA., 15120 MANNINGTON, W. VA. 26582

09/08/2023