



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUN 16 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

R

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

DATE May 24, 1976

Surface Owner Frank Andrew

Company Carnegie Natural Gas Company

Address Rt. #1, Box 33, Maidsville, WV 26541

Address 3904 Main St., Munhall, Pa. 15120

Mineral Owner Ruth W. Marsteller, et al

Farm S. Belle Waters Acres 78

Address 556 Mansfield Ave., Star City, WV 26505

Location (waters) Wade Run

Coal Owner Christopher Coal Co.

Well No. 1-1430 Elevation 1205

Address Core, WV 26529

District Cass County Monongalia

Coal Operator _____

Quadrangle Blacksville, NE

Address _____

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 deepening. This permit shall expire if operations have not commenced by 10-16-76.

Robert H. ...

Deputy Director - Oil & Gas Division

William Blosser

INSPECTOR TO BE NOTIFIED
PH: 363-9105 ADDRESS Colfax, W.Va.

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 July 9 1925 by S. Belle Waters made to Carnegie Natural Gas Co. and recorded on the 27th day of August 1925, in Monongalia County, Book 205 Page 134

NEW WELL DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

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,
(Sign Name) CARNEGIE NATURAL GAS COMPANY

Well Operator Div. Supt.

3904 Main St.

Street

Munhall

City or Town

Pa. 15120

State

11/24/2023

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey of
P. O. Box 879 Morgantown, W. Va. 26505
Address of Well Operator

MON-350-DD

PERMIT NUMBER

47-061

BLANKET BOND

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO _____ DRILL DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME J.C. Stephenson, Div. Supt.
 ADDRESS _____ ADDRESS Mannington, W. Va. 26582
 TELEPHONE _____ TELEPHONE 304 - 986 - 2060
 ESTIMATED DEPTH OF COMPLETED WELL: 3950 ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Balltown
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

| CASING AND TUBING SIZE | USED FOR DRILLING | LEFT IN WELL | CEMENT FILL UP OR SACKS - CUBIC FT. |
|------------------------|-------------------|--------------|-------------------------------------|
| 20 - 16 | | | |
| 13 - 10 10" | 507 | 507 | Used when originally drilled |
| 9 - 5/8 | | | |
| 8 - 5/8 | 1324 | 1324 | Used when originally drilled |
| 7 | 1711 | 1711 | Used when originally drilled |
| 5 1/2 | | | |
| 4 1/2 | 3950 | 3950 | 1000' |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 455-462
 IS COAL BEING MINED IN THE AREA? yes BY WHOM? Christopher Coal Co.

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

11/24/2023

For Coal Company

Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

RECEIVED

JUN 16 1976

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Blacksville NE

Permit No. _____

Rotary _____ Oil _____
Cable X Gas X
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Carnegie Natural Gas Company
Address 3904 Main St., Munhall, Pa. 15120
Farm S. Belle Waters Acres 80
Location (waters) _____
Well No. 1-1430 Elev. _____
District Cass County Monongalia
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced Sept. 20, 1928
Drilling Completed Nov. 11, 1928
Initial open flow 47/10 W - 2" cu. ft. bbls.
Blew down to 39/10 W - 2" in 15 hours.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test 81 RP.
Well treatment details:

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-------------------|------------------|--------------|-------------------------------|
| Size 20-16 | | | |
| Cond. 13-10" 10" | 507 | 507 | 8050#Sand 4000# Cement |
| 9 5/8 | | | |
| 8 5/8 | 1324 | 1324 | |
| 7 | 1711 | 1711 | |
| 5 1/2 | | | |
| 4 1/2 | | | |
| 3 | | | |
| 2 | | | |
| Liners Used | | | |

Attach copy of cementing record.

Coal was encountered at 75-80 370-375 455-462 Feet 60", 60", 84" Inches
Fresh water 80', 370', 455', 660' Feet Salt Water 1385 Feet
Producing Sand _____ Depth 1890-1900

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|-----------------|-------|--------------|----------|-------------|-------------------|---|
| Waynesburg Coal | | | 75 | 80 | Water | 80' - 2 bailers per hr. |
| Mapleton Coal | | | 370 | 375 | Water | 370' - 5 bailers per hr. |
| Pittsburgh Coal | | | 455 | 462 | Water | 455' - hole full |
| Little Dunkard | | | 955 | 984 | Sand | 640-660 |
| Big Dunkard | | | 1020 | 1080 | Water | 660' - 1 bailer per hr. |
| Gas Sand | | | 1150 | 1205 | Sand | 665-705 |
| 1st Salt Sand | | | 1265 | 1284 | Gas | 1195 - 15/10 W in 2". Blew out |
| 2nd Salt Sand | | | 1310 | 1500 | Water | 1385 - hole full |
| Little Lime | | | 1690 | 1700 | | |
| Pencil Cave | | | 1700 | 1707 | | |
| Big Lime | | | 1707 | 1761 | | |
| Big Injun | | | 1761 | | | |
| Total Depth | | | | 1932 | | Gas 1841-1850 - 6/10 W in 2". Blew down to 2/10 W in 2" in 5 hour and down to 2/10 W in 1" when second pay was drilled. Gas 1890-1900 - 47/10 W in 2". Blew down to 39/10 W in 2" in 15 hr |

11/24/2023

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

RECEIVED
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OIL & GAS DIVISION
DEPT. OF MINES

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. X _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Blacksville NE

Permit No. MON-350-DD

| | | | | |
|---|----------------------|---------------------|-----------------|----------------------------------|
| Company <u>Carnegie Natural Gas Company</u> | Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
| Address <u>3904 Main St., Munhall, Pa. 15120</u> | | | | |
| Farm <u>S. Belle Waters</u> Acres <u>78</u> | Size | | | |
| Location (waters) <u>Wade Run</u> | 20-16 | | | |
| Well No. <u>1-1430</u> Elev. <u>1205</u> | Cond. | | | |
| District <u>Cass</u> County <u>Monongalia</u> | 13-10" | | | |
| The surface of tract is owned in fee by <u>Frank Andrew</u> | 9 5/8 | | | |
| | 8 5/8 | | | |
| Address <u>Rt. #1, Box 33, Madsville, WV 26541</u> | 7 | | | |
| Mineral rights are owned by <u>Ruth W. Marsteller, etal</u> | 5 1/2 | | | |
| Address <u>556 Mansfield Ave., Star City WV 26505</u> | 4 1/2 | 3805 | 3805' | 120 sacks |
| Drilling ^{deeper} Commenced <u>June 24, 1976</u> | 3 | | | |
| Drilling ^{deeper} Completed <u>June 26, 1976</u> | 2 | | | |
| Initial open flow <u>49,430</u> cu. ft. _____ bbls. | Liners Used | | | |
| Final production <u>44,000</u> cu. ft. per day <u>4</u> bbls. | | | | |
| Well open _____ hrs. before test <u>730#</u> RP. | | | | |

Well treatment details:

Attach copy of cementing record.

1st Stage: Perforated: 3608-3738 - 12 holes.
Fractured: 669 bbls. of water, 25,000# 20-40 sand, using 500 gals. of Dowell X15% Acid to breakdown.
2nd Stage: Perforated: 2890-2915 - 14 holes.
Fractured: 631 bbls. of water, 18,000# 20-40 sand, using 1000 gals. of Dowell X15% Acid to breakdown.

Coal was encountered at _____ Feet _____ Inches
 Fresh water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand Balltown (Bayard) Depth 3608-3738 (2890-2915)

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|----------------------|-------|--------------|----------|-------------|-------------------|-----------|
| Original Total Depth | | | | 1932 | | |
| Shale | | | 1932 | 2065 | | |
| Sand | | | 2065 | 2100 | | |
| Shale | | | 2100 | 2130 | | |
| Sand | | | 2130 | 2150 | | |
| Shale | | | 2150 | 2165 | | |
| Sand | | | 2165 | 2270 | | |
| Shale | | | 2270 | 2280 | | |
| Sand | | | 2280 | 2430 | | |
| Shale | | | 2430 | 2500 | | |
| Red Rock | | | 2500 | 2510 | | |
| Shale | | | 2510 | 2532 | | |
| Sand | | | 2532 | 2548 | | |
| Shale | | | 2548 | 2580 | | |
| Red Rock | | | 2580 | 2640 | | |
| Shale | | | 2640 | 2658 | | |
| Red Rock | | | 2658 | 2672 | | |
| Shale | | | 2672 | 2680 | | |
| Red Rock | | | 2680 | 2700 | | |
| Sand | | | 2700 | 2725 | | |
| Shale | | | 2725 | 2740 | | |
| Red Rock | | | 2740 | 2760 | | |
| Sand | | | 2760 | 2770 | | |

11/24/2023

(over)

* Indicates Electric Log tops in the remarks section.

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | Remarks |
|--------------------|-------------|--------------|----------|-------------|-------------------|---------|
| Shale | | | 2770 | 2855 | | |
| Sand | | | 2855 | 2935 | | |
| Shale | | | 2935 | 3110 | | |
| Sand | | | 3110 | 3120 | | |
| Shale | | | 3120 | 3320 | | |
| Sand | Off | X | 3320 | 3330 | | |
| Shale | Ca | | 3330 | 3522 | | |
| Sand | Comb | | 3522 | 3540 | | |
| Shale | Water Flood | | 3540 | 3710 | | |
| Sand | | | 3710 | 3720 | | |
| Shale | | | 3720 | 3745 | | |
| Sand | | | 3745 | 3750 | | |
| Shale | Cement fill | | 3750 | 3785 | | |
| Sand | at Well | | 3785 | 3810 | | |
| Shale | | | 3810 | | | |
| Total Depth | | | | 3898 | | |

120 sacks

11/24/2023

Date December 2, 1976

APPROVED Carnegie Natural Gas Co. Owner
 By [Signature]
 (Title) Geologist

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

RECEIVED

JUN 30 1976

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Mon-350-D-D.

Oil or Gas Well _____
(KIND)

| Company | Address | Farm | Well No. | District | County | Drilling commenced | Drilling completed | Date shot | Initial open flow | Open flow after tubing | Volume | Rock pressure | Oil | Fresh water | Salt water | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|--|------------------------------|-----------------------|---------------|-------------|-------------------|---------------------|------------------------------------|-------------------------------------|--------------------------------|--------------------------------|--------------|---------------------|-------------------------|---------------------|---------------------|---|------------------|---------------|----------------|
| | | | | | | | | | | | | | | | | Size | | | Kind of Packer |
| <u>Pennsylvanian Natural Gas Company</u> | <u>Murkell, Pennsylvania</u> | <u>S. Bell Waters</u> | <u>1-1430</u> | <u>Cass</u> | <u>MONONGALIA</u> | <u>June 23 1976</u> | <u>6-26-76 - Total depth 3898'</u> | <u>Drilling - Completed - 3898'</u> | _____/10ths Water in ____ Inch | _____/10ths Merc. in ____ Inch | ____ Cu. Ft. | ____ lbs. ____ hrs. | ____ bbls., 1st 24 hrs. | ____ feet ____ feet | ____ feet ____ feet | 16 | | | |
| | | | | | | | | | | | | | | | | 13 | | | |
| | | | | | | | | | | | | | | | | 10 | | | Size of |
| | | | | | | | | | | | | | | | | 8 3/4 | | | |
| | | | | | | | | | | | | | | | | 6 5/8 | | | Depth set |
| | | | | | | | | | | | | | | | | 5 3/16 | | | |
| | | | | | | | | | | | | | | | | 3 1/2 | <u>3805'</u> | <u>QM-120</u> | Perf. top |
| | | | | | | | | | | | | | | | | 2 | | | Perf. bottom |
| | | | | | | | | | | | | | | | | Liners Used | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ | | | |
| | | | | | | | | | | | | | | | | NAME OF SERVICE COMPANY _____ | | | |
| | | | | | | | | | | | | | | | | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| | | | | | | | | | | | | | | | | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | | | | | | | | | | | | | | | | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names _____

Remarks: Mr. Jim Stephenson. Apologized - this morning - due to some misunderstanding in his office he failed to call me when this drilling started -
Contractor. H.K. Spencer. Rotary.

June 28, 1976
DATE

William J. Blaser
DISTRICT WELL INSPECTOR

11/24/2023

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

RECEIVED

JAN 31 1977

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Mon-350-D-D.

Oil or Gas Well _____
(KIND)

| | | | | |
|---|---|------------------|--------------|----------------------|
| Company <u>Pinegie Natural Gas Co.</u> | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
| Address <u>Monhall, Pennsylvania</u> | Size | | | Kind of Packer _____ |
| Farm <u>S. Belle-Waters.</u> | 16 | | | |
| Well No. <u>1-1430</u> | 13 | | | Size of _____ |
| District <u>Cass -</u> County <u>Monongalia</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: Mr. Dodd -
I met with Jim Stevens in mannington office today
To discuss status of above well and the two following
MAK-316-D-D - MAK-317-D-D. None of these well are ready
for release - He will seed-drain and level when weather
breaks -

DATE
January - 27, 1977

William Blaser
DISTRICT WELL INSPECTOR
11/24/2023

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
11/24/2023

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS WELLS DIVISION
 INSPECTOR'S PLUGGING REPORT

RECEIVED

AUG 22 1977

OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. Mon-350-D-D. Well No. #1-1430

COMPANY Carnegie Natural Gas Company ADDRESS Munhall, Pennsylvania

FARM S. Belle Waters - DISTRICT Cass COUNTY Monongalia

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 |
| | | | | | | | |
| <p><i>improper drainage FROM location - S. D. ON Well - Not. ATTACHED - Must. be. Attached. to. well - limbs AND Stumps ON location - Needs. removed - location Needs Dressed up -</i></p> | | | | | | | |
| <p><i>Do. NOT. release -</i></p> | | | | | | | |

Drillers' Names _____

Remarks: Met. with Mr. James Stephenson - Supervisor - Carnegie Nat. Gas. Co. Done to. Cass. W. Va. made on sight inspection of this well -

August 18, 1977 I hereby certify I visited the above well on this date.
DATE

Given
 Copy This report to Mr. James Stephenson - William J. Blount 1/24/2023
DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

| Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ Drilling completed _____ Total depth _____ 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 _____ feet _____ feet Salt water _____ feet _____ feet | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|---|-------------------|------------------|--------------|----------------------|
| | Size | | | Kind of Packer _____ |
| | 16 | | | |
| | 13 | | | |
| | 10 | | | Size of _____ |
| | 8 1/4 | | | |
| | 6 5/8 | | | Depth set _____ |
| | 5 3/16 | | | |
| | 3 | | | Perf. top _____ |
| | 2 | | | Perf. bottom _____ |
| | Liners Used _____ | | | Perf. top _____ |
| | | | | Perf. bottom _____ |

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks:



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
July 25, 1984

RECEIVED
AUG 28 1984

OIL & GAS DIVISION
DEPT. OF MINES

COMPANY Carnegie Natural Gas Co.
800 Regis Avenue
Pittsburgh, Pennsylvania 15236

PERMIT NO 061-0350-DD (6/16/76)
FARM & WELL NO S. B. Waters #1-1430
DIST. & COUNTY Cass/Monongalia

| RULE | DESCRIPTION | IN COMPLIANCE | |
|-------|---|---------------|----|
| | | YES | NO |
| 23.06 | Notification Prior to Starting Work | | |
| 25.04 | Prepared before Drilling to Prevent Waste | | |
| 25.03 | High-Pressure Drilling | | |
| 16.01 | Required Permits at Wellsite | | |
| 15.03 | Adequate Fresh Water Casing | | |
| 15.02 | Adequate Coal Casing | | |
| 15.01 | Adequate Production Casing | | |
| 15.04 | Adequate Cement Strenght | | |
| 15.05 | Cement Type | | |
| 23.02 | Maintained Access Roads | ✓ | |
| 25.01 | Necessary Equipment to Prevent Waste | ✓ | |
| 23.04 | Reclaimed Drilling Pits | ✓ | |
| 23.05 | No Surface or Underground Pollution | ✓ | |
| 23.07 | Requirements for Production & Gathering Pipelines | ✓ | |
| 16.01 | Well Records on Site | | |
| 16.02 | Well Records Filed | | |
| 7.05 | Identification Markings | ✓ | |

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED *Daryl P. Edie*

DATE 8-31-84

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

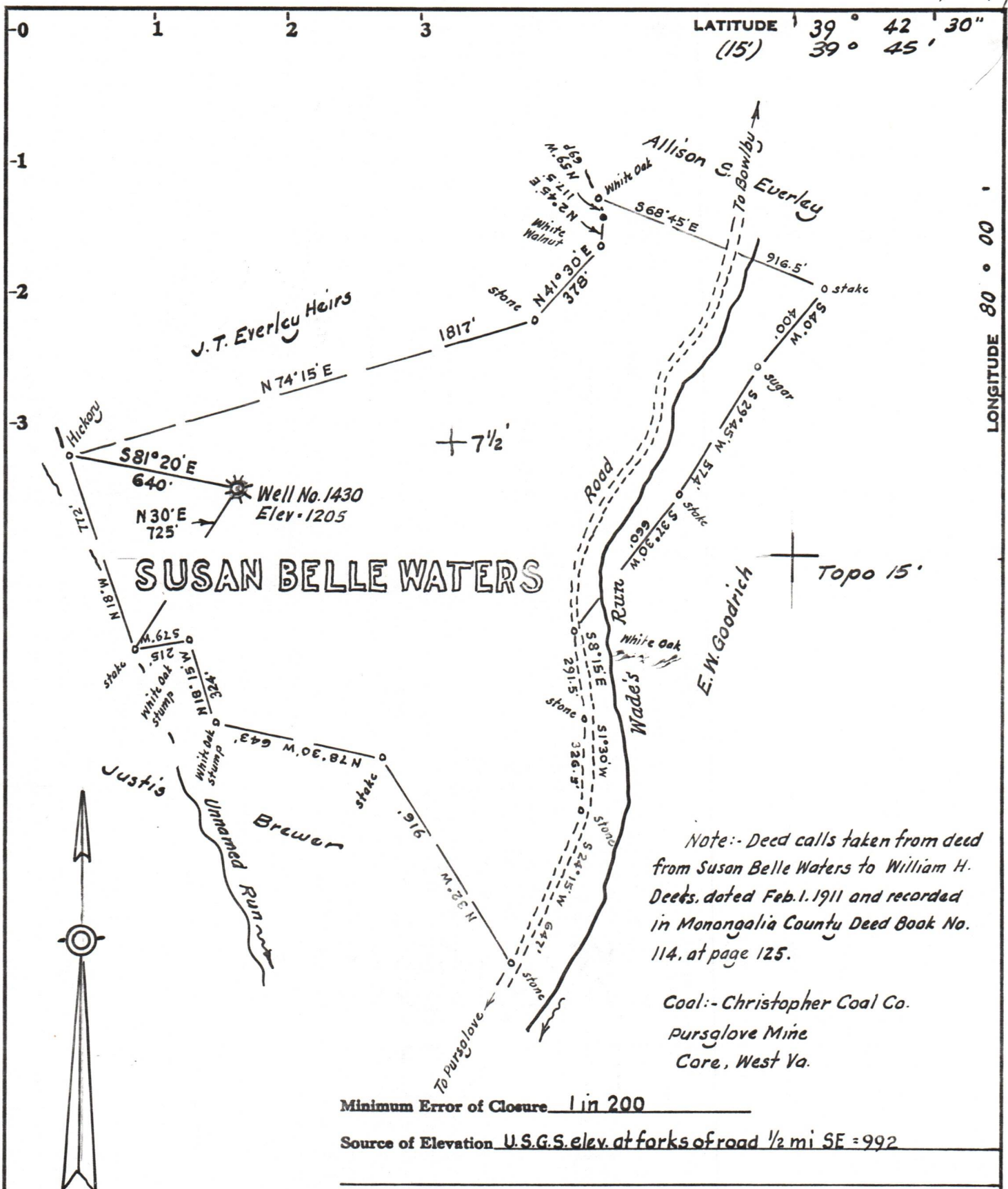
T. H. ...
Administrator-Oil & Gas Division

TMS/chm

September 13, 1984

DATE

6116, 76 P



LONGITUDE 80° 00'

LATITUDE 39° 42' 30" (15') 39° 45'



Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. elev. at forks of road 1/2 mi SE = 992

- 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, Penna.
 Farm Susan Belle Waters, FRANK ANDREW
 Tract _____ Acres 78.434 Lease No. 12016
 Well (Farm) No. One Serial No. 1430
 Elevation (Spirit Level) 1205
 Quadrangle Osage 7 1/2 Blacksville 15'
 County Monongalia District Cass
 Engineer [Signature]
 Surveyor
 Surveyor's Registration No. 1227
 File No. _____ Drawing No. _____
 Date May 20, 1976 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. MON-350-DD

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. 47-051