



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUN 1 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

Handwritten initials

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

DATE April 27, 1976

Surface Owner Westvaco Corporation
Address New York, New York
Mineral Owner Glen W. Roberts
Address Elizabeth, W. Va.
Coal Owner _____
Address _____
Coal Operator _____
Address _____

Company RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION
Address 630 Commerce Sq., Chas., WV 25301
Farm McConaughey-Roberts Acres 248
Location (waters) Walnut Run
Well No. 596 Elevation 1010'
District Burning Springs County Wirt
Quadrangle Spencer

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 10-1-76.

Robert L. ...

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Goodright
PH: 477-2455 ADDRESS Smithville, 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 15, 1975 by Glen W. Roberts, et ux made to Ray Resources and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

XXX 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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

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

Very truly yours, Tom ...
(Sign Name) _____
Well Operator

Address
of
Well Operator

630 Commerce Square
Street
Charleston,
City or Town
West Virginia 25301
State

01/12/2024

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

WV-689 PERMIT NUMBER
47-105
John

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

PROPOSED WORK ORDER TO XXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Ray Resources NAME Bill Endicott
 ADDRESS 630 Commerce Sq., Chas., WV 25301 ADDRESS Box 234 Culloden, W. Va.
 TELEPHONE 344-8393 TELEPHONE 743-9067
 ESTIMATED DEPTH OF COMPLETED WELL: 2190' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS XXX 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 11 3/4" | 30' | 30' | To Surf. |
| 9 - 5/8 | | | |
| 8 - 5/8 | 300' | 300' | To Surf. |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 2190' | 2190' | 75 Sks. |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 80 FEET SALT WATER 1700 FEET
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? NO BY WHOM? _____

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.

01/12/2024

For Coal Company

Official Title

A-7

[08-78]

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

DESIGNATION OF AGENT BY WELL OWNER OR OPERATOR

Well Operator X / Owner _____ / Ray Resources Div. of F.D.O.C.
Address 630 Commerce Sq.
Charleston, W. Va. 25301

Pursuant to the provisions of Code § 22-3-1k, and subject to the requirements of Regulation 7.01, the undersigned hereby designates the following person to be the agent of the undersigned for the purpose of receiving process, notices, orders and other communications which may be issued under Chapter 22 of the Code of West Virginia:

Designated Agent Ray Resources, Div. Of F. D. O. C.
Address 630 Commerce Sq.
Charleston, W. Va. 25301
Telephone 304-344-8393

The undersigned represents that said designated agent is a bona fide resident of the State of West Virginia, and has agreed to accept the designation. This designation applies to the following wells:
X all wells owned or operated by the undersigned in West Virginia
_____ the wells listed below (Use space below on reverse side or attach list)

[COMPLETE AS APPLICABLE]

X The undersigned is hereby recording an existing designation of agent made prior to the initial adoption of Form IV-1.

_____ The undersigned is proposing to own or operate wells in West Virginia for the first time, so that this designation should also be considered the registration by the undersigned with the Deputy Director.

_____ The undersigned has owned and operated a well or wells in West Virginia since the year 19____, but has not heretofore appointed a designated agent.

_____ This designation substitutes a new designated agent for the undersigned, who has owned or operated a well or wells in West Virginia since the year 19____. The present designated agent of the undersigned, who will continue as such, if he is able, until this new designation has been approved, is—

Agent being replaced _____
Address _____

Ray Resources Div. Of F. D. O. C.
Well Owner or Operator

By: James S Ray
Its: Executive Vice President

ACCEPTED this _____, 19____

(Signature of designated agent)

01/12/2024



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD 4

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

Quadrangle Spencer

Permit No. WIRT-689

~~RAY RESOURCES, DIVISION OF~~
Company FLYING DIAMOND OIL CORPORATION
Address 630 Commerce Sq., Chas., WV 25301
Farm McConaughey-Roberts Acres 248
Location (waters) Walnut Run
Well No. 596 Elev. 1010'
District Burning Springs County Wirt
The surface of tract is owned in fee by Westvaco Corp.
Address New York, New York
Mineral rights are owned by Glen W. Roberts
Address Elizabeth, W. Va.
Drilling Commenced 6-3-76
Drilling Completed 9-3-76
Initial open flow _____ cu. ft. _____ bbls.
Final production 4,091M cu. ft. per day _____ bbls.
Well open _____ hrs. before test 750 RP.

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-------------------|------------------|--------------|-------------------------------|
| Size 20-16 | | | |
| Cond. 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | 237' | 237' | To Surf. |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 2201' | 2201' | 75 Sks. |
| 3 | | | |
| 2 | | | |
| Liners Used | | | |

Well treatment details:

Attach copy of cementing record.

Well was frac'd with 480 Bbls. oil; 24,000# 20/40 sand; 6,000# 80/100 sand;

500 Gal. Acid. Average injection rate - 35.2 Bbls. per minute

Immediate shut-in pressure - 1200#

After 15 minutes - 400#

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Injun Depth _____

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|-----------|-------|--------------|----------|-------------|-------------------|-----------|
| Soil | | | 0 | 20 | | |
| Sand | | | 20 | 150 | | |
| Red Rock | | | 150 | 200 | | |
| Shale | | | 200 | 266 | | |
| Sand | | | 266 | 294 | | |
| Shale | | | 294 | 310 | | |
| Sand | | | 310 | 425 | | |
| Shale | | | 425 | 450 | | |
| Sand | | | 450 | 600 | | |
| Red Rock | | | 600 | 610 | | |
| Shale | | | 610 | 640 | | |
| Sand | | | 640 | 820 | | |
| Shale | | | 820 | 900 | | |
| Sand | | | 900 | 1120 | | |
| Shale | | | 1120 | 1180 | | |
| Slate | | | 1180 | 1204 | | |
| Shale | | | 1204 | 1218 | | |
| Slate | | | 1218 | 1241 | | |
| Sand | | | 1241 | 1250 | | |
| Shale | | | 1250 | 1265 | | |
| Slate | | | 1265 | 1305 | | |
| Sand | | | 1305 | 1354 | | |
| Slate | | | 1354 | 1553 | | |

01/12/2024

(over)

* Indicates Electric Log tops in the remarks section.

B-2

| Formation | Color | Hard or Soft | Top Feet ⁴ | Bottom Feet | Oil, Gas or Water | * Remarks |
|-----------|-------|--------------|-----------------------|-------------|-------------------|-----------|
| Sand | | | 1553 | 1795 | | |
| Shale | | | 1795 | 1922 | | |
| Lime | | | 1922 | 2090 | | |
| Slate | | | 2090 | 2187 | | |
| | | | | 2187 | T.D. | |

01/12/2024

Date October 27, 19 76
APPROVED RAY RESOURCES, DIVISION OF
FLYING DIAMOND OIL CORPORATION Owner
By Tom Rogsdale
GEOLOGIST (Title)

B-3

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JUN 8 1976

OIL & GAS DIVISION
DEPT. OF MINES

OG-11

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

INSPECTOR'S WELL REPORT

Permit No. Wir-689

Oil or Gas Well _____
(KIND)

| Company <u>Ray Resources Div of F.I.D.O.C</u> | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|---|--|------------------|--------------|----------------------|
| | Address _____ | Size | | |
| Farm <u>McCaughey - Roberts</u> | 16 | | | Kind of Packer _____ |
| Well No. <u>596</u> | 13 | | | |
| District <u>Burning Spring</u> County <u>Wirt</u> | 10 | | | Size of _____ |
| Drilling commenced <u>6-2-76</u> | 8 1/4 <u>8 5/8</u> | <u>255</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 <u>8 5/8</u> SIZE <u>255</u> No. FT. _____ Date _____ <u>Conn to Surgen 95 Bbls</u> | | | |
| Fresh water _____ feet _____ feet | NAME OF SERVICE COMPANY <u>Lawson Cem Co</u> | | | |
| Salt water _____ feet _____ feet | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names Nichols

Contr - Glenn W. Haught & Sons - Rotary - Air

Remarks:

SURFACE CASING

Job Camp - 4:00 Pm - 6-3-76

01/12/2024

6-3-76

RP Goodright

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 |
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Drillers' Names _____

Remarks: _____

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

DISTRICT WELL INSPECTOR
 01/12/2024

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

RECEIVED
JUN 10 1976

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. Wir-689

Oil or Gas Well _____
(KIND)

| Company <u>Ray Resources Div of F.F.O.O.C</u> | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|--|--|------------------|--------------|------------------------|
| | Address _____ | Size | | |
| Farm <u>McConaughy - Roberts</u> | 16 | | | |
| Well No. <u>596</u> | 13 | | | Size of _____ |
| District <u>Burdick Springs County West</u> | 10 | | | |
| Drilling commenced <u>6-2-76</u> | 8 1/4 <u>8 5/8</u> | | <u>255</u> | Depth set _____ |
| Drilling completed <u>6-6-76</u> Total depth <u>2205</u> | 6 3/8 | | | |
| Date shot _____ Depth of shot _____ | 5 3/16 <u>4 1/2</u> | | <u>2156</u> | <u>Dowell - 100 Bq</u> |
| 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 <u>8 5/8</u> SIZE <u>255</u> No. FT. _____ Date _____ <u>Cem to Surface 95 Bq</u> | | | |
| Fresh water _____ feet _____ feet | NAME OF SERVICE COMPANY <u>LAWSON</u> | | | |
| Salt water _____ feet _____ feet | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names Nichols

Remarks: Cont - Glenn L. Haught & Sons - Rotary - Air

Rigging Down - No Record at well site

6-7-76
DATE

[Signature]
DISTRICT WELL INSPECTOR

01/12/2024

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 |
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Drillers' Names _____

Remarks: _____

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

DISTRICT WELL INSPECTOR

01/12/2024

B-5



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305
November 10, 1976

JOHN ASHCRAFT
Director

ROBERT L. DODD
Deputy Director

Paul Goodnight
Smithville, W.Va.

PERMIT WIRT-689
COMPANY Ray Resources Co.
FARM McConaughy-Roberts
WELL NO 596
DISTRICT Burning Springs
COUNTY Wirt

Dear Sir:

Please make a final inspection of the well described above.

Very truly yours,

Robert L. Dodd

RLD/
chm



Department of Justice
Federal Bureau of Investigation
Washington, D. C.

ROBERT L. GOOD
Special Director

ASST. DIR. FOR
TRAINING

TO: SAC, NEW YORK
FROM: SAC, PHOENIX
SUBJECT: [Illegible]

Re: [Illegible]

[Illegible]

[Illegible]

B-11

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

RECEIVED

MAY 19 1978

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wir-689

Oil or Gas Well _____
(KIND)

| | | | | |
|---|---|------------------|--------------|----------------------|
| Company <u>Ray Resources</u> | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
| Address _____ | Size | | | |
| Farm <u>McCaughy - Roberts</u> | 16 | | | Kind of Packer _____ |
| Well No. <u>596</u> | 13 | | | |
| District <u>Burning Springs</u> County <u>Wirt</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:

Rel-

5-17-78

DATE

[Signature] 01/12/2024

DISTRICT WELL INSPECTOR

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

Permit No. R1-1667-P Well No. 1

COMPANY Alice M Vandergrift ADDRESS _____
FARM Albert Stump DISTRICT Murphy COUNTY B. Richie

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 |
| <u>1737 - 1667</u> | <u>60M</u> | | | | | | |
| <u>1667 -</u> | | | | | | | |
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Drillers' Names Starcher
Cont - Glenn L. Haught & Sons - Rotary Service Rig

Remarks:
Stonestreet Lands Co was used in plugging operation

7-29-77 I hereby certify I visited the above well on this date.
DATE

Glenn L. Haught 01/12/2024
DISTRICT WELL INSPECTOR

B-12



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

May 22, 1978

Ray Resources
Division of F.D.O.C.
630 Commerce Square
Charleston, W.Va. 25301

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:

- WIRT-686 - Cabot (Charles Morgan) # 1-582 - Reedy District
- WIRT-688 - Bina Delaney (Mark Cheaney) # 1-598 - Burning Springs District
- WIRT-689 - McConaughy-Roberts (Westvaco) # 1-596- Burning Springs District
- WIRT-692 - C. Rowand # 594 - Reedy District
- WIRT-695 - Dustin Enoch # 693 - Reedy District
- WIRT- 700 - C. Rowand (Cabot) # 2-721 - Reedy District

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force until such time as the requirements of Chapter 22 have been met. "Bonds will stay in force for life of the wells."

Very truly yours,

Robert L. Dodd, Deputy Director
Oil and Gas Division

RLD/cc

01/12/2024

e-1

| 1.0 API well number: (If not available, leave blank. 14 digits.) | <u>47-105-689</u> | | | | | | | | | | | | | | | |
|--|---|-------------|---|-------------------------------|---|-------------------------------|--|--------------|-------------|-------------|--------------|--|--------------|-------------|-------------|--------------|
| 2.0 Type of determination being sought: (Use the codes found on the front of this form.) | <u>108</u> Section of NGPA Category Code | | | | | | | | | | | | | | | |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.) | _____ feet | | | | | | | | | | | | | | | |
| 4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.) | Name <u>LAY RESOURCES DIVISION OF FAY Resources, DIV. OF F.D.O.B.</u> Street <u>630 Commerce Square</u> <u>630 Commerce Square</u> City <u>Charleston, W. Va. 25301</u> State <u>Charleston, W. Va.</u> Zip Code <u>25301</u> | | | | | | | | | | | | | | | |
| 5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) | Field Name <u>Burning Springs</u> <u>Wirt</u> State <u>WV</u> County _____ | | | | | | | | | | | | | | | |
| (b) For OCS wells: | Area Name <u>N/A</u> Block Number _____ Date of Lease: _____ Mo. Day Yr. OCS Lease Number _____ | | | | | | | | | | | | | | | |
| (c) Name and identification number of this well: (35 letters and digits maximum.) | <u>McLaughrey-Projects #596</u> | | | | | | | | | | | | | | | |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) | _____ | | | | | | | | | | | | | | | |
| 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) | Name <u>Columbia Gas Trans</u> Buyer Code _____ | | | | | | | | | | | | | | | |
| (b) Date of the contract: | <u>05/21/73</u> Mo. Day Yr. | | | | | | | | | | | | | | | |
| (c) Estimated annual production: | <u>14.98</u> MMcf. | | | | | | | | | | | | | | | |
| 7.0 Contract price: (As of filing date. Complete to 3 decimal places.) | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;"></th> <th style="width:15%;">(a) Base Price (\$/MMBTU)</th> <th style="width:15%;">(b) Tax</th> <th style="width:15%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:15%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> 7.0 Contract price: (As of filing date. Complete to 3 decimal places.) </td> <td style="text-align: center;"><u>2.264</u></td> <td style="text-align: center;"><u>.338</u></td> <td style="text-align: center;"><u>.009</u></td> <td style="text-align: center;"><u>2.611</u></td> </tr> <tr> <td style="vertical-align: top;"> 8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) </td> <td style="text-align: center;"><u>2.264</u></td> <td style="text-align: center;"><u>.338</u></td> <td style="text-align: center;"><u>.009</u></td> <td style="text-align: center;"><u>2.611</u></td> </tr> </tbody> </table> | | (a) Base Price (\$/MMBTU) | (b) Tax | (c) All Other Prices [Indicate (+) or (-).] | (d) Total of (a), (b) and (c) | 7.0 Contract price: (As of filing date. Complete to 3 decimal places.) | <u>2.264</u> | <u>.338</u> | <u>.009</u> | <u>2.611</u> | 8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) | <u>2.264</u> | <u>.338</u> | <u>.009</u> | <u>2.611</u> |
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| 8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) | <u>2.264</u> | <u>.338</u> | <u>.009</u> | <u>2.611</u> | | | | | | | | | | | | |
| 9.0 Person responsible for this application: | Name <u>TOM R. RAGSDALE</u> Title <u>VICE PRES.</u> Signature <u>Tom R. Ragdale</u> Date Application is Completed <u>1-30-79</u> Phone Number <u>304-344-8393</u> | | | | | | | | | | | | | | | |
| Agency Use Only Date Received by Juris. Agency <u>FEB 23 1979</u> Date Received by FERC | | | | | | | | | | | | | | | | |

WELL DETERMINATION REPORT

AUG 21 1979

BUYER-SELLER CODE

PARTICIPANTS:

WELL OPERATOR: Ray Resources
FIRST PURCHASER: COLUMBIA GAS TRANS.
OTHER: _____

023567
004030

*Qualifies as Section 108, Stripped Well.
Roberts (initials)*

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
790223-108-105-0689
Use Above File Number on all Communications
Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 Items not completed - Line No. _____
- 2 IV-1 - Agent JAMES S. RAY
- 3 IV-2 - Well Permit
- 4 IV-6 - Well Plat
- 5 IV-35- Well Record Drilling Deepening _____
- 6 IV-36- Gas-Oil Test: Gas Only Was Oil Produced? _____ Ratio _____
- 7 IV-39- Annual Production 2 years
- 8 IV-40- 90 day Production 92 Days off Line: _____
- 9 IV-48- Application for Certification. Complete?
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - (56) - 57 - 58. Complete Affidavit Signed
- 18 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
1:4000 Map _____ Well Tabulations _____ Gas Analyses _____
- (5) ~~Date Commenced: 6-3-76~~
Date Completed: 9-3-76 DRILLED Deepened _____
Frac Date: _____
- (5) Production Depth: 1922-2090 (FROM IV 36 FORM)
- (5) Production Formation: INJUN
- (5) ~~Final Open Flow: 4091 MCF~~
~~Initial Potential~~
- (5) ~~Final Rock Pressure: 750 #~~
~~Static P.P. Initially~~
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: Gas - $(\frac{9682}{365}) = 26.5 \text{ MCF}$ Oil - $(\frac{146}{365}) = .4 \text{ bbl}$
- (8) Avg. Daily Gas from 90-day ending w/1-120 days Gas - $(\frac{3050}{92}) = 33.2 \text{ MCF}$ Oil - $(\frac{50}{92}) = .5$
- (8) Line Pressure: NA PSIG from Daily Repo
- (5) Oil Production: _____ From Completion Report _____
- (10-17) Does lease inventory indicate enhanced recovery being done: NO 01/12/2024
- (10-17) Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? YES
- Additional Information _____ Does computer program confirm? _____
- Was Determination Objected to? _____ By Whom? _____

SR & DM

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

Date 1-30, 19 79
Operator's Well No. 596
API Well No. 47 - 105 - 0689
State 47 County 105 Permit 0689

WELL CLASSIFICATION FORM
STRIPPER GAS WELL
NGPA Section 108

DESIGNATED AGENT Ray Resources, Div. Of F.D.O.C.
ADDRESS 630 Commerce Sq.
Charleston, W.Va. 25301

WELL OPERATOR Ray Resources, Div of F.D.O.C.
ADDRESS 630 Commerce Sq.
Charleston W.Va. 25301

GAS PURCHASER Columbia Gas
ADDRESS 1700 MacCorkle Ave SE
Charleston W.Va 25305

LOCATION: Elevation 1010
Watershed Walnut Run
Dist Bu. Sp. County Wirt Quad. Spencer
Gas Purchase Contract No. 7743
Meter Chart Code 2029024
Date of Contract 5-21-73

* * * * *

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

- 1) well head
- 2) 2" gathering line
- 3) rods
- 4) tubing
- 5) pumpjack
- 6) separator
- 7) tanks

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

- 1) Production Statements
 - 2) Lease files
 - 3) Tax Records
- Located in Main Office

01/12/2024

Describe the search made of any records listed above:

- 1) Checked Production Statements
- 2) Checked Lease files
- 3) Checked Tax Records

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No . If yes, indicate the type and source of the information.

AFFIDAVIT

TOM R. RAGSDALE

I, TOM R. RAGSDALE, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

Tom R. Ragdale

STATE OF WEST VIRGINIA,

COUNTY OF Kanawha, TO WIT:

I, Donald R. Wilson Jr., a Notary Public in and for the state and county aforesaid, do certify that TOM R. RAGSDALE, whose name is signed to the writing above, bearing date the 30th day of JANUARY, 19 79, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 17th day of February, 19 79

My term of office expires on the 12th day of August, 19 80.

01/12/2024

Donald R. Wilson Jr.
Notary Public

[NOTARIAL SEAL]

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

Date January 30, 1979

Operator's Well No. 596

API Well No. 47 - 105 - 0689
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. _____
(If Applicable)

WELL OPERATOR Ray Resources, Div. of F.D.O.C. DESIGNATED AGENT _____

ADDRESS 630 Commerce Sq. ADDRESS Same

Charleston, W. Va. 25301

Gas Purchase Contract No. 7743 and Date 5-21-73
(Month, day and year)

Meter Chart Code 2029024

Name of First Purchaser Columbia Gas Trans.

1700 MacCorkle Ave SE
(Street or P. O. box)
Charleston W. Va. 25305
(City) (State) (Zip Code)

FERC Seller Code _____ FERC Buyer Code _____

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA 108 Category Code _____
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

TOM R. RAGSDALE

Name (Print) Tom R. Ragdale Title Vice-Pres.
Signature _____

630 Commerce Sq.
Street or P. O. box
Charleston, W. Va. 25301
City State (Zip Code)
(~~304~~) 344-8393
Area Phone Number
Code

(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1978, (NGPA); or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA)

All interested parties are hereby notified that on the _____ day of _____, 19____, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____.

Initial review of information submitted indicates the well is, is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

[Signature]
Director

FEB 23 1979

Date received by Jurisdictional Agency _____

By _____ Title _____

01/12/2024

IV-39-WC

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

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MFC @ 14.73
OIL IN BARRELS @ 60 DEGREES
OPERATOR - Ray Resources, Division of Flying Diamond Oil Corporation

REPORT DATE - 2/7/79

1977
API 47-105-0689 FARM McCannaghey

| | COUNTRY | W/RT | AVG. | FLOW | PRESSURE | SHUT-IN | PRESSURE | TOTALS | | | |
|-------------|---------|------|------|------|----------|---------|----------|--------|-------|-----|-----|
| GAS MFC | | | | | 0 | 525.6 | 2035 | 1052.9 | 789.5 | OIL | 161 |
| OIL BBL | J | | | | | | | | | | |
| DAYS ONLINE | | | | | | 31 | 31 | 30 | | | 31 |
| TOTALS | | | | | | | | | | | |

1978
API 47-105-0689 FARM McCannaghey

| | COUNTRY | W/RT | AVG. | FLOW | PRESSURE | SHUT-IN | PRESSURE | TOTALS | | | | | | | | | | |
|-------------|---------|------|------|------|----------|---------|----------|--------|-----|-----|-------|-------|--------|--------|--------|-------|-----|-----|
| GAS MFC | | | | | 691.2 | 830.8 | 777.2 | 688.6 | 641 | 623 | 633.8 | 463.8 | 1083.2 | 1004.4 | 1135.3 | 909.8 | OIL | 146 |
| OIL BBL | J | | | | | | | | | | | | | | | | | |
| DAYS ONLINE | | | | | | 31 | 31 | 30 | 31 | 31 | 30 | 31 | 31 | 30 | | | 31 | |
| TOTALS | | | | | | | | | | | | | | | | | | |

SUMMARIZATION SCHEDULE
Section 271. 804 (b)

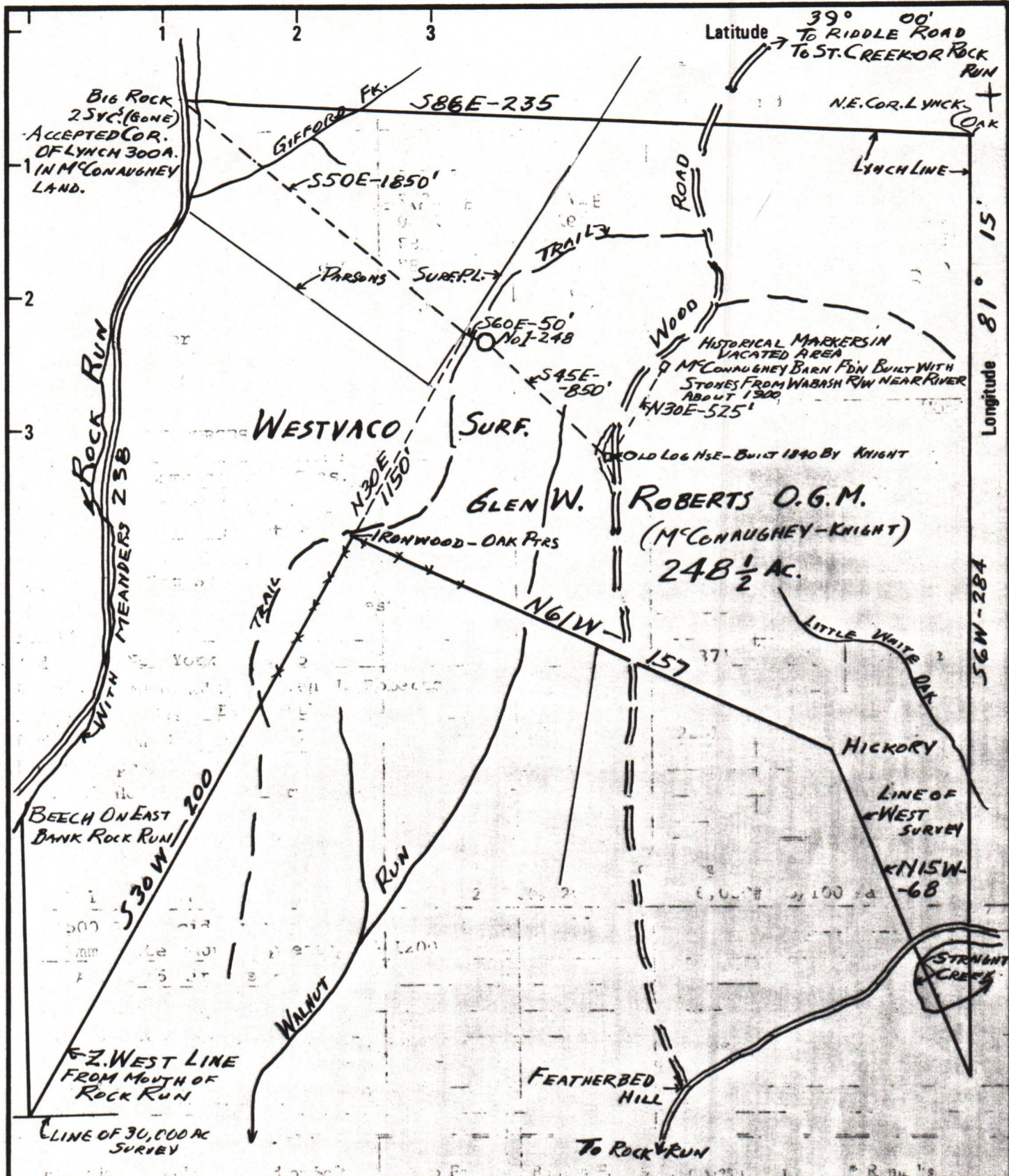
In accordance with Section 271.804(b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS

- 47-105-0676 47-105-0726
- 47-105-0673 47-105-0729
- 47-105-0722 47-105-0751
- 47-105-0724 47-105-0753

01/12/2024

01176/K



New Location

Drill Deeper

Abandonment

Minimum Error of Closure 1 IN 200

Source of Elevation B.M. 650 = BRIDGE ABT. MOUTH ROCK RUN

"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."

Company RAY RESOURCES, DIV. OF F.D.D.C.

Address 630 COMMERCE SQ. CHARLESTON, W. VA.

Farm WESTVACO (SUR) GLEN W. ROBERTS (O.G.M.)

Tract 248 Acres _____ Lease No. 1814

Well (Farm) No. 104 248 Serial No. 596

Elevation (Spirit Level) 1010 FT.

Quadrangle SPENCER

County WIRT District BURNING SPRINGS

Engineer Glen W. Roberts

Engineer's Registration No. 860

File No. _____ Drawing No. _____

Date ARR. 24, 1976 Scale 1" = 40 POLES

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

WELL LOCATION MAP
FILE NO. WIR-689

01/12/2024

+ 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.

47-105