

A1



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 14 1975

OIL & GAS DIVISION
DEPT. OF MINES

12

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 20, 1975

Surface Owner William Summers
Address Vienna, W. Va. 26105
Mineral Owner Floyd Lee & Catharine Dorer
Address Vienna, W. Va. & Wheeling, W. Va.
Coal Owner None
Address -----
Coal Operator None
Address -----

Company Ray Resources, Div. of F.D.O.C.
Address 630 Commerce Square, Charleston, W. Va.
Farm Summers-Lee Acres 96
Location (waters) Little Kanawha River
Well No. One (1) R - 544 Elevation 910'
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 2-14-76.

[Signature]

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Goodnight
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 March 8 1972 by Floyd D. Lee, et. al. made to Glen W. Roberts and recorded on the 6th. day of June 1972, in Wirt County, Book 137 Page 545

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
AC 304-296-4461

Very truly yours,
(Sign Name) Tom Logsdale
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

WIRT-675

PERMIT NUMBER

47-105

**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 Haight Brothers NAME Bill Endicott
 ADDRESS Smithville, W. Va. ADDRESS Culloden, W. Va.
 TELEPHONE 304--477-2211 TELEPHONE 304-743-9067
 ESTIMATED DEPTH OF COMPLETED WELL: 2050' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Squaw
 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			
9 - 5/8			
8 - 5/8	200'	200'	To Surface
7			
5 1/2			
4 1/2	2050'	2050'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50' FEET _____ SALT WATER 1800' FEET _____
 APPROXIMATE COAL DEPTHS None
 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. 01/12/2024

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.

For Coal Company

Official Title

B-3

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

RECEIVED

OCT 22 1975

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wir-675

Oil or Gas Well _____
(KIND)

Company <u>Ray Resources, Div of F.O.D.C</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Williams Summers</u>	16			
Well No. <u>One (1) - R. 544</u>	13			Size of _____
District <u>Burnington Springs</u> County <u>Wirt</u>	10			
Drilling commenced <u>10-17-75</u>	8 1/4 <u>8 3/8</u>	<u>245</u>		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.				
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>8 3/8</u> SIZE <u>245</u> No. FT. <u>10-19-75</u> Date <u>Cem to Surface 80 Bbl</u>			
Fresh water <u>None</u> 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
Contr Glenn L. Hought & Sons - Rotary - Air
Remarks:

Drlg - 827'

10-20-75

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

Drillers' Names _____

Remarks: _____

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

01/12/2024
 DISTRICT WELL INSPECTOR

B-4

OG-11

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

RECEIVED

OCT 28 1975

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wir - 675

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Ray Resources, Div of F.D.O.C</u>	Size			Kind of Packer
Address _____	16			
Farm <u>Williams Summers</u>	13			
Well No. <u>One (1) - R - 544</u>	10			Size of
District <u>Burning Springs</u> County <u>Wirt</u>	8 1/4 <u>8 5/8</u>		<u>245</u>	
Drilling commenced <u>10-17-75</u>	6 5/8			Depth set
Drilling completed <u>10-22-75</u> Total depth <u>Driller 2079</u>	5 3/16 <u>4 1/2</u>		<u>2048</u>	
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 <u>8 5/8</u> SIZE <u>245</u> No. FT. _____ Date <u>Cam to Surface 80 Bop</u>			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Lawson</u>			
Fresh water <u>None</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>None</u> FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES

Drillers' Names Kendall & Spring
Contr - Glenn L. Haught & Sons - Rotary - Air

Remarks:

Big Lime - 1811 - 1878
Injun - 1878 - 1959

10-24-75
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. _____ 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

_____ **01/12/2024**
DISTRICT WELL INSPECTOR

B-5



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

September 1, 1976

JOHN ASHCRAFT
Director

ROBERT L. DODD
Deputy Director

Paul Goodnight
Smithville, W.Va.

PERMIT	WIRT-675
COMPANY	Ray Resources
FARM	Summers - Lee
WELL NO	1- R-544
DISTRICT	Burning Springs
COUNTY	Wirt

Dear Sir:

Please make a final inspection of the well described above.

Very truly yours,

Robert L. Dodd

RLD/ ch

B-11

OG-11

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

RECEIVED
MAY 12 1978
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wir-675

Oil or Gas Well _____
(KIND)

Company <u>Ray Resources Div of F.P.O.C.</u> Address _____ Farm <u>William Summers</u> Well No. <u>1-R-544</u> District <u>Burning Spring</u> County <u>West</u> 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: _____

Ret-

5-11-78

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. _____ 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

01/12/2024
DISTRICT WELL INSPECTOR

B-12



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

May 12, 1978

Ray Resources
Division of Flying Diamond Oil Corp.
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-672 - Westvaco-Wilson # 1-547 - Burning Springs District
- WIRT-673 - Hall - Roberts # 1-546 - Burning Springs District
- WIRT-675 - Summers - Lee # 1-5-544 - Burning Springs District
- WIRT-676 - McConaughey - Roberts # 1-R-545 - Burning Springs District
- WIRT-678 - Roberts - Tucker # 561 - Spring Creek District
- WIRT-684 - Cabot - Balderson # 576 - Reedy District
- WIRT-704 - J.W. McCoy # 2-726 - Reedy District
- WIRT-707 - Gilbert Cheuvront # 1-728 - Elizabeth District
- WIRT-708 - C. Rowand # 4-689 - 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/chm

01/12/2024

C-1

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-105-675</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.)	<p style="text-align: right;">Ray Resources, Div. of F.D.O.C.</p> <p style="text-align: center;">630 Commerce Square</p> <p style="text-align: center;">Charleston, W. Va. 25301</p> <p>RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION</p> <p>630 Commerce Square Charleston, W. Va 25301</p>															
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<p style="text-align: center;"><u>Burning Springs Dist.</u></p> <p>Field Name <u>Wirt</u> State <u>WV</u></p> <p>County _____ State _____</p>															
(b) For OCS wells:	<p style="text-align: center;"><u>N/A</u></p> <p>Area Name _____ Block Number _____</p> <p>Date of Lease: Mo. Day Yr. _____ OCS Lease Number _____</p>															
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Summers-See #544</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.)	<p style="text-align: center;"><u>Columbia Gas</u></p> <p>Name _____ Buyer Code _____</p>															
(b) Date of the contract:	<u>02 09 78</u> Mo. Day Yr.															
(c) Estimated annual production:	<u>9.34</u> MMcf.															
	<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="padding: 5px;">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="padding: 5px;">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>
	(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>												
9.0 Person responsible for this application:	<p style="text-align: center;">TOM R. RAGSDALE</p> <p>Name <u>Tom R. Ragdale</u> Title <u>VICE PRES</u></p> <p>Signature _____</p> <p><u>1-30-79</u> <u>304-344-8393</u></p> <p>Date Application is Completed Phone Number</p>															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Agency Use Only</td> </tr> <tr> <td style="padding: 5px;">Date Received by Juris. Agency FEB 23 1979</td> </tr> <tr> <td style="padding: 5px;">Date Received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency FEB 23 1979	Date Received by FERC													
Agency Use Only																
Date Received by Juris. Agency FEB 23 1979																
Date Received by FERC																

01/12/2024

WELL DETERMINATION REPORT

AUG 21 1979

PARTICIPANTS:

DATE:

BUYER-SELLER CODE

WELL OPERATOR: Ray Resources

023567

FIRST PURCHASER: COLUMBIA GAS TRANS. CORP.

004030

OTHER: _____

*Qualified as Section 108, steeper well
Robert A. Ledford*

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
790223-108-105-0675
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? ⁸ BBLs Ratio _____
- 7 IV-39- Annual Production 2 years
- 8 IV-40- 90 day Production 93 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: 10-20-75
Date Completed: 10-22-75 DRILLED Deepened _____
Frac Date: _____
- (5) Production Depth: 1959'
- (5) Production Formation: INJUN SAND
- (5) ~~Initial Potential~~ Final Open Flow: 189 MCF
- (5) ~~Static P.P. Initially~~ Final Rock Pressure: 700#
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: $\frac{3545}{365} = 9.7 \text{ MCF}$ o.i.t. $\left(\frac{136}{365}\right) = .37 \text{ bbls.}$
- (8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{1326}{93} = 14.3 \text{ MCF}$ o.i.t. $\left(\frac{29}{93}\right) = .31 \text{ bbls}$
- (8) Line Pressure: NA PSIG from Daily Report
- (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 fjm

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

Date 1-30 1979

Operator's Well No. 544

API Well No. 47 - 105 - 0675
State County Permit

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

ADDRESS 1700 MacCorkle Ave SE
Charleston W.Va 25305

LOCATION: Elevation 910

Watershed LITTLE KANAWHA RIVER

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

JOM R. RAGSDALE

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 X. If yes, indicate the type and source of the information.

AFFIDAVIT

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 17TH day of AUGUST, 19 86.

01/12/2024

Donald R. Wilson, Jr.
Notary Public

[NOTARIAL SEAL]

Date January 30, 1979

Operator's Well No. 544

API Well No. 47 - 105 - 0675
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. 25325
(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) Vice-Pres.
Title

Signature [Handwritten Signature]

630 Commerce Sq.
Street or P. O. Box

Charleston, W. Va. 25301
City State (Zip Code)

(304) 344-8393
Area Code Phone Number

(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

[Handwritten Signature]

Director

FEB 9 9 1979

Date received by Jurisdictional Agency _____

By _____

Title _____ 01/12/2024

IV-39-MC

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

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MFC 2 14, 73
OIL IN BARRELS 2 60 DEGREES
OPERATOR | Ray Resources, Division of Flying Diamond Oil Corporation

REPORT DATE - 2/7/79

1978
API 47-105-0675 FARM | SUMMERS - LESE

COUNTY | WIRT

Avg. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MFC	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
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OIL BBL	J- ___	F- ___	M- ___	A- ___	M- ___	J- ___	J- ___	J- ___	A- ___	5- ___	8	0	15	H- 45.5	0	16	___	___	___	___	___
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DAYS ONLINE	___	___	___	___	___	___	___	___	___	___	31	___	31	30	___	31	___	___	___	___	___
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1978

API 47-105-0675 FARM | SUMMERS - LESE

COUNTY | WIRT

Avg. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MFC	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
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OIL BBL	J- ___	F- 17.5	F- 9.5	M- 11	A- 4.5	M- 15	J- 7	J- 9	A- 23	5- 11	0	4	H- 15.5	0	9	___	___	___	___	___	___
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DAYS ONLINE	___	31	28	31	30	31	31	31	31	30	___	31	30	___	31	___	___	___	___	___	___
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SUMMARIZATION SCHEDULE
Section 271. 804 (b)

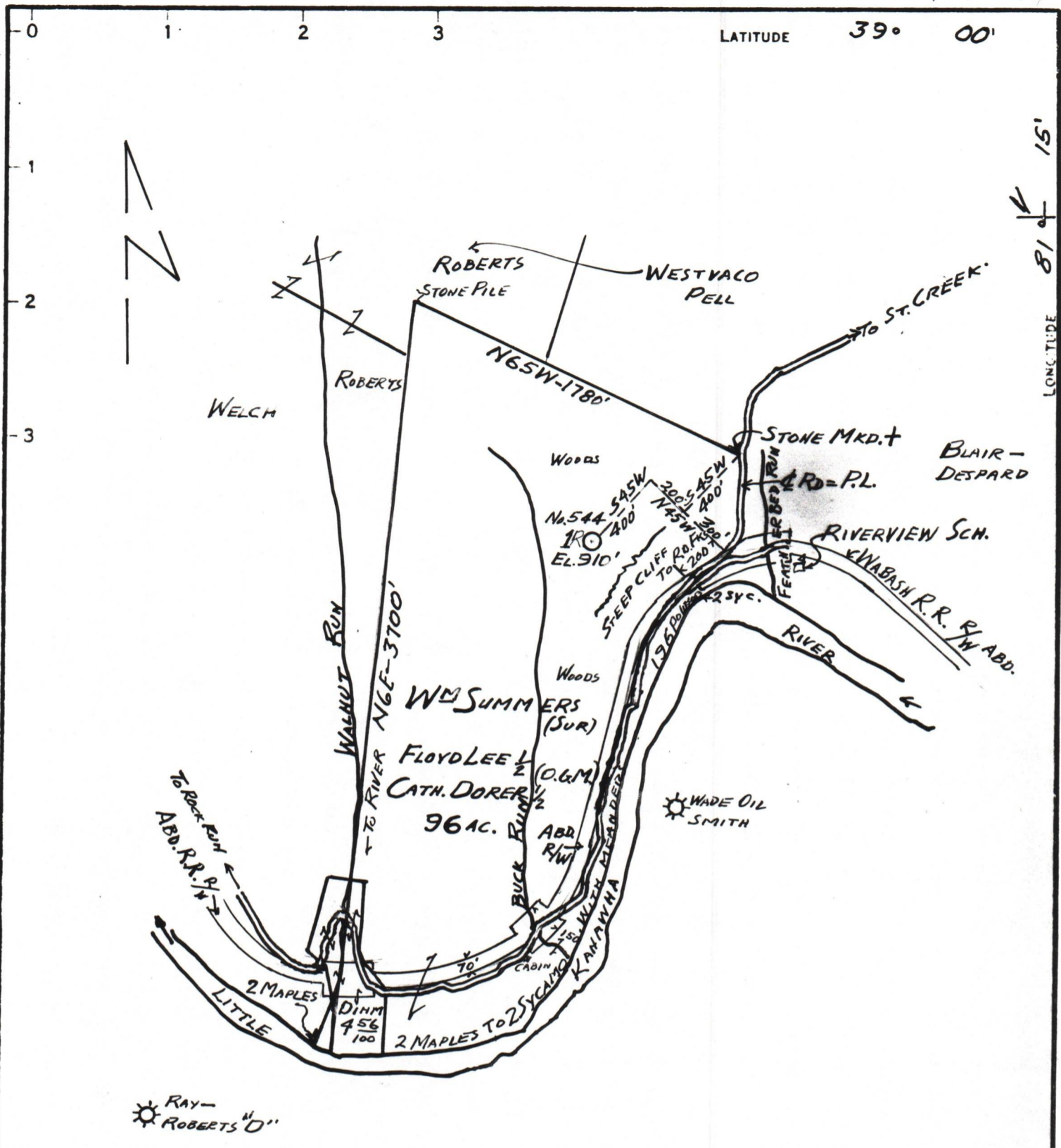
In accordance with Section 271.804(b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS

47-105 0759

01/12/2014

10, 14, 75



CERTIFICATE

"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."
 Minimum degree of accuracy is one part in 200

Signed *John W. Roberts*

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY RAY RESOURCES - DIV. OF FLYING DIAMOND CO.
 ADDRESS COMMERCE SQUARE, CHARLESTON, W. VA.
 FARM WM SUMMERS (SUR) LEE & DOKER (O.G.M)
 MAP _____ ACRES 96 LEASE NO. _____
 WELL (FARM) NO. ONE SERIAL NO. 544
 ELEVATION (SPIRIT LEVEL) 910 FT.
 QUADRANGLE SPENCER
 COUNTY WIRT DISTRICT BURNING SPRINGS
 POINT OF PROVEN ELEVATION B.M. AT ROCK RUN BRIDGE ABZ-650'
 FILE NO. _____ DRAWING NO. _____
 DATE SEPT, 20, 1975 SCALE 1 IN = 40 POLES

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. WIRT-675

+ 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. **47-105**
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

7050 Sp...

B-1



RECEIVED

SEP 1 1976

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD 7

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

Quadrangle Spencer
Permit No. WIRT - 675

RAY RESOURCES, DIVISION OF Company <u>FLYING DIAMOND OIL CORPORATION</u> Address <u>630 Commerce Sq., Chas., WV 25301</u> Farm <u>Summers - Lee</u> Acres <u>96</u> Location (waters) <u>Little Kanawha River</u> Well No. <u>544</u> Elev. <u>910'</u> District <u>Burning Springs County</u> <u>Wirt</u> The surface of tract is owned in fee by <u>William Summers</u> Address <u>Vienna, W. Va. 26105</u> Mineral rights are owned by <u>Floyd Lee & Catharine Dorer</u> Address <u>Vienna, WV & Wheeling, W. Va</u> Drilling Commenced <u>10-20-75</u> Drilling Completed <u>10-22-75</u> Initial open flow _____ cu. ft. _____ bbls. Final production <u>189</u> cu. ft. per day <u>8</u> bbls. Well open _____ hrs. before test <u>700</u> RP.		Casing and Tubing Size 20-16 Cond. 13-10" 9 5/8 8 5/8 7 5 1/2 4 1/2 3 2 3/8	Used in Drilling 245' 2057' 1945'	Left in Well 245' 2057' 1945'	Cement fill up Cu. ft. (Sks.) To Surf 75 Sks.
--	--	--	--	--	--

Well treatment details: Attach copy of cementing record.

Well frac'd with 560 Bbls. water; 22,000# 20/40 sand; 500 Gal. HCl

Coal was encountered at _____ Feet _____ Inches
 Fresh water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand Injun Depth 1959'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	15		
Sand			15	110		
Red Rock			110	125		
Sand			125	154		
Red Rock			154	190		
Sand			190	210		
Shale			210	261		
Sand			261	300		
Shale			300	316		
Red Rock			316	324		
Sand			324	346		
Red Rock			346	359		
Sand			359	381		
Shale			381	396		
Sand			396	439		
Red Rock			*439	449		
Sand			449	502		
Red Rock			502	505		
Slate			505	592		
Sand			592	603		
Red Rock			603	607		
Sand			607	626		
Slate			626	684		
Sand			684	692		

01/12/2024

(over)

* Indicates Electric Log tops in the remarks section.

B-2

Formation	Color	Hard or Soft	Top Feet 7	Bottom Feet	Oil, Gas or Water	* Remarks
Red Rock			692	697		
Slate			697	705		
Sand			705	722		
Slate			722	771		
Sand			771	794		
Red Rock			794	800		
Slate			800	860		
Sand			860	872		
Slate & Shale			872	904		
Sand			904	910		
Slate			910	973		
Sand			973	980		
Slate & Shale			980	1188		
Sand			1188	1207		
Slate			1207	1232		
Sand			1232	1258		
Slate			1258	1274		
Sand			1274	1343		
Red Rock			1343	1346		
Sand			1346	1356		
Shale			1356	1445		
Red Rock			1445	1457		
Sand			1457	1472		
Red Rock			1472	1480		
Shale			1480	1487		
Red Rock			1487	1500		
Shale			1500	1529		
Red Rock			1529	1535		
Sand			1535	1545		
Shale			1545	1555		
Sand			1555	1569		
Shale			1569	1580		
Sand			1580	1652		
Shale			1652	1723		
Sand			1723	1742		
Shale			1742	1777		
Sand			1777	1802		
Little Lime			1802	1811		
B. Monday			1811	1878		
Big Lime			1878	1880		
Injun Sand			1880	1959		
Slate			1959	2079		
			2079			

T.D.

01/12/2024

Date April 6, 19 76

RAY RESOURCES, DIVISION OF
APPROVED FLYING DIAMOND OIL CORPORATION Owner

By Tom Rogsdale
Geologist (Title)