



OIL & GAS DIVISION DEFT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.	DATE	June 7, 19	976		
Surface Owner Westvaco Corporation		RAY RESOURCE FLYING DIAMO	ES. DIV	ISION OF CORPORATI	ON
Address	Address 63	O Commerce S	Sq., Ch	as., WV 25	301
Mineral Owner Anna Thorn, et al	Farm	Anna Thorn,	et al	Acres 19	4
Address 503-27th Street, Vienna, WV 26101		waters) Thorn			
Coal Owner				Elevation	750'
Address			1 . 1	County_W	
			er	County	The state of the s
Coal Operator	— Wuadrangie.	DPC110	-	co. I primitare i recupero que des entrataciones prenedição herizan política qualificación de la constitución de la constitució	dentify/hearth-on-dentify/heart Theorie
Address AT THE WELL SITE	cont and of this dear the consended as Prince area				
PERMIT MUST BE POSTED AT THE WELL SITE					
provisions being in accordance with Chapter 22,					
ne W. Va. Code, the location is hereby approved	INSPECTOR				
drilling . This permit shall expire if	TO BE NOTIF	IED Pa	aul Goo	odnight	
ations have not commenced by 10-9-76 .		0			
	ADDRESS	Si	nithvi.	lle, W. Va	1.
Total Loan)	PHONE 477-	2455			
Deputy Director - Oil & Gas Division	agroup/Bournest you. Eliganost Bound				
GENTLEMEN:					
The undersigned well operator is entitled to drill up	pon the above named	farm or tract of	f land for	oil and gas, h	aving fe
title thereto, (or as the case may be) under gxxxxxxx	kxxx dated Ju	ly 15,	19_75	by Glen	W.
title thereto, (or as the case may be) under ************************************	kxxxx dated Ju	corded on the	19_75	by Glen	W.
Roberts made to Ray Resource 19 in County, Book	kaxx dated Ju s and re Page	corded on the	19_75	by <u>Glen</u> day of _	W.
Roberts made to Ray Resource 19 in County, Book XXXX NEW WELL DRILL DEEPER	XXXX dated Ju S and re Page REDE	corded on the	19_75	by <u>Glen</u> day of _	W.
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*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.

WIR-693 PERMIT NUMBER

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

13 - 10 11 3/4" 30' 30' To Surf 9 - 5/8 8 - 5/8 200' 200' To Surf 7 5 1/4 1	PROPOSED WORK ORDER TO			ACTURE-STIMULATE
ADDRESS ELEVIEW, W. Va. 25071 ADDRESS BOX 234. Calloden, W. Va. TELEPHONE 965-3379 TELEPHONE 965-3379 TELEPHONE 743-9067 TELEPHONE 743-9067 TELEPHONE 743-9067 TO DRILL CASING FROMATION: Berea RECYCLING WATER FLOOD DISPOSAL RECYCLING WATER FLOOD OTHER TENTATIVE CASING FROGRAM: CASING AND TURING USED FOR LIFT IN CEMENT FILL UP OR SACKS - CUBIC PT. 20-16 13-10 11 3/4" 30' 30' TO SURF 9-58 8-58 200' 2410' 2410' 75 Sks. FILLOR PRICE BOTOM				diantt
TELEPHONE 965-3379 TELEPHONE 743-9067 ESTIMATED DEFTH OF COMPLETED WELL: 2410' ROTARY XX CABLE TOOLS BEFORSSEE BOLOGICAL FORMATION: BEFORM TYPE OF WELL: OIL GAS XX COMB STORAGE DISPOSAL RECYCLING WATER FLOOD OTHER TENTATIVE CASING PECORAM: CASING AND TURING USED FOR LIST IN CEMENT FILL UP SIZE DRILLING WELL OR SACKS - CUBIC FT. 20-16 13-10 11 3/4" 30' 30' TO SURF 7-5 18 8-5/8 200' 200' TO SURF 7-7 5 19 1.18 1.19				
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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, SHOW-ING 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			100 - 100 - 100 - 100	Terr. Bottom
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 201/112/2021 ginia Code. For Coal Company	APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN THE TO DRILL: SUBMIT FIVE (5) COPIES OF PLAT. TO DRILL DEEPER OR REDRIE SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITTE TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL O BOND, PERMANENT PLAT OIL AND/OR GAS WELL O ING ORIGINAL PERMIT NU Required forms must be file	OF OG 1, \$100.00 PERMI LL: OF OG - 1, SHOWING ORIGI FO 1929, A PERMANENT COED. RIGINALLY DRILLED BEFORMAN ORIGINAL WELL RECORDINAL WELL WELL WELL WELL WELL WELL WELL WE	BY WHOM? BY WHOM? T FEE, PERFORMANCE BO THAT PERMIT NUMBER AND THE PLAT AND THE PLAT AND THE PLAT AND THE JUNE 5, 1929, FIVE (5) CORD. ND/OR AFTER JUNE 5, 192 BOND.	OND AND PERMANENT COPY D PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 9, FIVE COPIES OG - 1, SHOW-
Official Title	thereof. WAIVER: I the undersigned, Age this lease have examine the way of the providing operator has	ent for ned and place on our mine m	Coal Company, Owner aps this proposed well locat have no objections to said wulations in Articles 4, 5, and	or Operator of the coal under ion.
LICENSE LICENS			The state of the s	Official Title

A-7

PORM IV-1 [08-78]

•	-				
	Date:	January	30	19	7

STATE OF WEST VERGINIA DEPARTMENT OF MINES, DEL AND GAS DEVISION

DESIGNATION OF AGENT BY WELL CAMES OR OFFRATOR
Well Operator X / Owner / Ray Resources Div. of F.D.O.C.
Address 630 Commerce Sa.
Charleston, W. Va. 25301
마바이트의 이렇게 그리고 아름다는 사는 함께 하다 그렇게 하는 것이 되었다. 그래픽 얼마를 받는 것 같아 나를 보는 것이 되었다. 그리고 말하는 것이 없는 것이 없는 것이 없다.
Fursuant to the provisions of Code 5 22-1-1k, and subject to the requirements of Regulation 7.01, the undersimed hereby desirents the following
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 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 we
X all wells owned or operated by the undersigned in West Virginia
the wells listed below (Use space below or reverse side or attack list)
없는 사람들은 사람들은 보다 가능하는 것이 되었다. 그는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
하는데 보면 하는 것이 없는데 이렇게 되는데 되면 사람이었다. 그렇게 하는데 얼마를 하는데 되었다. 그 아니다
있는 방향하는 이 이번 경에 가는 하지만 하는 것이 되었다. 그렇게 되었다면 그렇게 하는 것이 되었다면 하는데 되었다.
[COMPLETE AS APPLICABLE]
X The undersigned is hereby recording an existing designation of agent made prior b.
the initial adoption of Form IV-1.
The undersigned is proposing to own or operate wells in West Virginia for the fire
time, so that this designation should also be considered the registration by the
undersigned with the Deputy Director.
하는 이번 어린 그는 그들은 사람이 가장이 되었다면 하는 사람이 되었다면 그 사람이 되었다면 하는 사람이 되었다.
The undersigned has owned and operated a well or wells in West Virginia since the
Jear 19, but has not heretofore appointed a designated agent.
This designation substitutes a new designated agent for the undersigned, who has
Gwned or operated a well or wells in West Virginia since the year to
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
보고하다 보다 보는 사람들은 사람들이 되는 것이 없다. 그리고 하는 사람들이 되었다고 모든 모바다.
하는데 하는데 있는데 모든데 하는데 되는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 되었다.
Ray Pesources Div Of P. D.O.C.
O O
=7: James X Krayson
Accepted this, 19 Its: Executive Vice-President
(Signature of designated agent;
(1985년 1987년 1







OIL & GAS DIVISION DEPT. OF MINES

Rotary XX Oil

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division WELL RECORD

Quadrangle Spencer Permit No. WIRT-693 RAY RESOURCES, DIVISION OF	RECORD		Cable Recycling Water Flood Disposal	Comb
Company FLYING DIAMOND OIL CORPORATION Address 630 Commerce Sq., Chas., WV 25301 Farm Anna Thorn, et al Acres 194	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters)Thorn's Run Well No#694	Size 20-16 Cond.			
The surface of tract is owned in fee by Westvaco Corporation	13-10" 9 5/8			
Address New York, New York	8 5/8	220'	220'	To Surf.
Mineral rights are owned by Anna Thorn, et al Address Vienna, W. Va. 26101	7 5 1/2			
Drilling Commenced 6-11-76 Drilling Completed 6-15-76 Completed well 8-13-	4 1/2	2400'	2400'	75 Sks.
Initial open flow cu. ft bbls.	2			
Final production 2,218 Mcu. ft. per daybbls. Well openhrs. before test 950# RP.	Liners Used			٠,
Well treatment details: Well was frac'd with 540 Bbls. oil; 50 Average injection rate - 26.8 Average treating pressure 2331#	Attach copy of o			
Coal was encountered atFee Fresh waterFeet				_ Feet
Producing SandBerea	Depth	1		
Formation Color Hard or Soft Top Feet	Bottom Feet	Oil, Gas or	Water '	* Remarks

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sub Red Rock Shale Salt Sand Lime Injun Shale Berea Shale			0 7 600 1300 1635 1925 2000 2330 2336	7 600 1300 1635 1925 2000 2330 2336 2421 2421'	T.D.	
			- and 			01/12/2024

(over)

^{*} Indicates Electric Log tops in the remarks section.

Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
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	o aces			
		1175		
	da korpo en a	/		
		,		
	Was a			
		- W		
				
		Date_	October 11,	01/12/20 , 19 ⁷⁶

Date October 11, 1976

RAY RESOURCES, DIVISION OF

APPROVED FLYING DIAMOND OIL CORPORATION Owner

By Geologist (Ville)

0G-11 B-2

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



OIL & GAS DIVISION DEFT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wir- 693	3				Oil or	Gas Well	
Company Roy Resource	es Du of F.D.	O.C.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address		valuate valuati valenta susak kuulaan kasuk sa siirikka ja	Size				
Farm Anna Tho	ra	ang dalah sari yani da safi da Paysido dang saru un nikili ni Insperio dalah	16			Kind of Pac	ker
Well No. 1-694	(SATA)		10			Size of	
District Reedy	County W.	it	81/4				and construction of the contract description of the Construction o
Drilling commenced	official statement of the second and	attidas di articolòmico sociatizzar un es santirolori a compensario del compen	65% 5 3/16		ena vanuumusebilangkabulanus eta estekkirinadad dalihir	_ Depth set	CONTRACTOR OF THE STATE OF THE
Drilling completed	Total depth	1	3			Perf. top	
Date shot	Depth of shot_		2			Perf. botton	1
Initial open flow	/10ths Water	r inInch	Liners Used			Perf. top Perf. botton	
Open flow after tubing_	/10ths Merc.	inInch	ANTONIA DE LA COMPANIA DE	Administrative Admini	C AND AND THE STATE OF THE STAT	HOLES BOOK OF THE PARTY OF THE	CONSTRUCTION OF THE CHARLES
Volume		Cu. Ft.	CASING CEME			No. FT	Date
Rock pressure	lbs	hrs.	NAME OF SER	RVICE COMPA	INY	No. of the Control of	
Oil	bbl	s., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
Fresh water	feet	feet	FEET	INCE	IES	FEET	INCHES
Salt water	feet	feet	FEET	INCE	IES	_FEET	INCHES
Drillers' Names			21				
Cont - Remarks:	F.W.A. Drillin	9 6	Kotary - 1-	Theid		BATTER THE STATE OF THE STATE O	
PH	e' Fermit	-0.1			, Res Note		

6 - 10 - 76

DISTRICT WELL INSPECTOR 01/12/2024

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

			We	No	
		ADDRESS			L
	DISTRICT.	C	OUNTY		
ation	Amount	Packer	Location		
ND DEPTH PLACED		BRIDGES	CASIN	G AND T	JBING
WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
	1	\ \ \			
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	arrian de un de la colonida de la c		The control of the co	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	Bellevi entre de la reconstruction
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	ation ND DEPTH PLACED WOOD-SIZE	DISTRICT. ation Amount	ADDRESS DISTRICT C ation Amount Packer ND DEPTH PLACED BRIDGES WOOD-SIZE LEAD CONSTRUCTION-LOCATION	ADDRESS DISTRICT COUNTY ation Amount Packer Location ND DEPTH PLACED BRIDGES CASIN WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED	ADDRESS

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

Permit No. Wir - 693 Oil or Gas Well_ CASING AND USED IN LEFT IN PACKERS Company Ray Resources Divor F. D. O.C Size Address Kind of Packer 16 Farm Anna Thorn Well No. 1-694 10 Size of_ 81/4 85/8 _County wirt District Reedy 220 Depth set___ 6-10-76 Drilling commenced____ 5 3/16 45 Cam 85 Bgg- Dowell 2418 Drilling completed 6-15-76 Total depth 2420 Log Perf. top___ _____Depth of shot_ Date shot___ Perf. bottom____ Perf. top_ Liners Used_ Initial open flow /10ths Water in Inch Perf. bottom_ Open flow after tubing /10ths Merc. in Inch CASING CEMENTED. Cu. Ft. Volume_ NAME OF SERVICE COMPANY Rock pressure____ lbs. _bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT____ FEET INCHES Fresh water_ feet FEET_ INCHES FEET_ INCHES feet feet Salt water_ feet FEET INCHES FEET INCHES Drillers' Names Marks - Rain water Cont - F. W. A Drilling Co Rotary - Fluid Big lime - 1640 - 1770 LNJUN - 1770 - 1910 Com 4'5 Casing Borea - 2330-2336

Bay on

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				We	II No	
COMPANY			ADDRESS	ž.		
Filling Material Used						
Liner Lo	eation	Amount	Packer	Location		
PLUGS USED A	AND DEPTH PLACED		BRIDGES			UBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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		The Control of the Co	A Marie Company of the Company of th		and the state of t	
Orillers' Names		- W 4:	**************************************			
						, , , , , , , , , , , , , , , , , , ,
Remarks:					r r	
	I hereby certify I	visited the abov	re well on this date.			

OG-11 B- 4

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

Permit No. Wir - 693					Oil or	Gas Well	
Company Ray Rosco	reas Diroi	F.D.O.C	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACI	KERS
Address			Size				
Farm ANNA 7	thorn et a	1	16			Kind of Pac	eker
Well No	9		10			Size of	
District Ready	County	wirt	81/4				
Drilling commenced			65%		- A _	_ Depth set	
Drilling completed	Total dept	h	3			Perf. top	
Date shot	Depth of shot_		2			Perf. botton	n
Initial open flow	/10ths Wate	er inInch	Liners Used			Perf. top	
Open flow after tubing	/10ths Merc	. inInch				Perf. botton	n
Volume		Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbs	hrs.	NAME OF SER	VICE COMPA	NY		
Oil	bbl	ls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh water	feet	feet	FEET_	INCE	IES	FEET	INCHES
Salt water	feet	feet	FEET_	INCH	IES	FEET	INCHES
Drillers' Names							
Remarks:							
	*	Sold -	126				
		,	, , .				

5-11-78

STORY DEL INSPECTOR

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

ermit No	_	Well No					
OMPANY			ADDRESS				
ARM		DISTRICT		COUNTY			
illin g Ma terial Used							
iner Lo	ocation	Amount	Packer	Location			
		Imount					
	AND DEPTH PLACED		BRIDGES		G AND TU	BING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
						11 = 3	
		THE SAME PARTY AND A SAME AND A S			AND DESCRIPTION OF THE PARTY OF		
illers' Names						8	
marks:							
	I hereby certify I						

01/12/2024
DISTRICT WELL INSPECTOR

3.5



State of West Birginia

Bepartment of Mines Gil and Gas Bivision Charleston 25305

October 13, 1976

JOHN ASHCRAFT Director

Paul Goodnight Smithville, W.Va. ROBERT L. DODD Deputy Director

PERMIT WIRT-693

COMPANY Ray Resources

FARM Anna Thorn, etal

WELL NO 1-694

DISTRICT Reedy

COUNTY Wirt

Dear Sir:

Please make a final inspection of the well described above.

Very truly yours,

Robert L. Dodd

RLD/

chm

NAME OF THE PARTY.

. New Will State House to the contract the contract that it is expected to the

01/12/2024

OG-11 B-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION DEFT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wir - 693

Oil or Gas	Well	27
(KIND)		
Ftia	DANNE	

Company Koy Re	sources Div of F.D.O.C	CASING AND TUBING	USED IN DRILLING	Left in Well	PACK	ERS
Address		Size			5 / 7 / 18	
Farm Auna T	lord etal	16			Kind of Pack	cer
personal contract of the		13				
Well No. 694	200	10			Size of	
District Reedy	County Wir +	81/4				
D-011-		6%			Depth set	
Drilling commenced		5 3/16				
Drilling completed	Total depth	3			Perf. top	
Date shot	Depth of shot	2			Perf. bottom.	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing	/10ths Merc. inInch				Perf. bottom.	
	Cu. Ft.					
V OIG. HE	Cu. Ft.	CASING CEME			No. FT	Date
Rock pressure	lbshrs.	NAME OF SER	VICE COMPAN	1Y		ALXEN TOR
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	_INCHES
Fresh water	feetfeet	FEET_	INCHI	ES	FEET	_INCHES
Salt water	feetfeet	FEET_	INCHE	S	FEET	_INCHES
Drillers' Names						
Remarks:						

Rel-

DISTRICT WELL IN 01/12/

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No				Wel	I No		
OMPANY	Cara and		ADDRESS				
ARM		DISTRICT	[COUNTY			
illing Material Used			1.				
iner Loc	eation	Amount	Packer				
	ND DEPTH PLACED	Amount				10 December 1	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	BRIDGES CONSTRUCTION-LOCATION	RECOVERED SIZE LOST			
			CONSTRUCTION—ECCATION	RECOVERED	SIZE	LOST	
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		por more deservatives are		a Description	2.60		
			WA SELECTION				
						(America)	
illers' Names	CA 1						
				and the second second second			
marks:		×	•				
DATE	hereby certify I v	isited the above	ve well on this date.				

Bin



State of Mest Mirginia Pepartment of Mines Gil and Gas Division Charleston 25305 October 20, 1978

Ray Resources Corporation Division of F.D.O.C. 630 Commerce Square Charleston, W. Va. 25301 Attn: Tom Ragsdale

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

WIRT-683 - Belva Miller # 686 - Reedy District

WIRT-693 - Anna Thorn, etal. # 1-694 - Reedy District

WIRT-702 - Billy Full # 723 - Reedy District

WIRT-715 - B. L. Sheppard # 1-752 - Reedy District

WIRT-717-REV - C. E. Hughes # 1-695 - Tucker District

WIRT-719 - J. M. Williams # 1-756 - Tucker 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."

Reclamation requirements approved.....

Very truly yours,

Robert L. Dodd, Deputy Director Oil and Gas Division

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	10	8		
			feet Category Co	ode
Nagrie y	RESOURCE	S, DIVISION	Ray Resource	s, Div. of F.D.O.C
Street) Cityler	Commerce Steston, W. V	OIL CORP quare a 25301		
Field Na	Reel	Sy	W	7
	NI	2 2 2 3 2 3 2 1 1 2	Accordance to the accordance	
Area Na	Date of Le	ease:	ar on endings to be	
a	_	1.		
Name	lund	ia Go	a Inau	-0
		0,2,0,9, Mo. Day		Buyer Code
y (Valleya Minaka te	ar large some cons are larger toda.	9.53	4	negrin s
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
	2.264	338	809	2.611
	2.264	338	009	2.611
TON	A R. RAGS	DALE	Vice	1
	Field Na County Area Na Name	Section of Street Commerce Section, W. V. Street Commerce Section, W. V. Street County Field Name Date of Letter Mo. Day Change (a) Base Price (\$/MMBTU) 2.264 2.264	Name Section of NGPA Name Strong DIA MOND OIL CORP MOND DIA MOND D	Field Name Date of Lease: Mo. Day Yr. OCS Lease Number Only Mo. Day Yr. OCS Lease Number (a) Base Price (S/MMBTU) (a) Base Price (S/MMBTU) (b) Tax (c) All Other Prices (Indicate (+) or (-).] 2.264 2.264 2.338 .009 TOM R RAGSDALE

FT7900806/2-2

BUYER-SELLER CODE

PARTICIPANTS: DATE: AUG 211979	BUYER-SELLER COI
WELL OPERATOR: Ray Resources	023567
FIRST PURCHASER: Columbia Gas Transmission	004030
OTHER:	
W. Va. Department of Minos, Oil & Gas Division WELL DETERMINATION FILE NUMBER	Plata Cas
790223.108.105.0693	
Use Above File Number on all Communications Relating to Determination of this Well	
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MI	SSING
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 Deeper	
6 IV-36- Gas-Oil Test: Gas Only Was Oil Produced?	Ratio
7 IV-39- Annual Production years	_
8 IV-40- 90 day Production 92 Days off Line:	
9 IV-48- Application for Certification. Complete?	Affidavit
10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 57 - 58. Comple	ete Signed
18 - 28 Other: SurveyLogsGeological Charts	Structure Map
1:4000 Map Well Tabulations Gas One Commenced: 6-11-76 Date Completed: 8-13-76 Deepened	
(5) Production Depth: 2330-2336	
(5) Production Formation: Berea	
(5) Find Open Flow: 2218 Mc F	
(5) Final Rock Pressure: 950#	
(6) Other Gas Test:	4
(7) Avg. Daily Gas from Annual Production: 245 51.	mefgas, 245 - 13
(8) Avg. Daily Gas from 90-day ending w/1-120 days 02	
(8) Line Pressure: NA	PSIG from Daily Repor
(5) Oil Production: From Completion Report	
(10-17) Does lease inventory indicate enhanced recovery being	done: 01/12/2024
(10-17) Is affidavit signed? Notarized?	V
Does official well record with the Department confirm the submit	tted information? Ves
Additional Information Does computer program co	onfirm?

Was Determination Objected to?

[12-70]		```	-	Date	1-50	. 19
STATE	OF WEST V	IRGINIA ;		Operator'	s /	94
DEPARTMENT OF M	INES, OIL	AND GAS I	DIVISION	Well No.		
		bengil,	636393	No. 47	- 10.	5 - 06
trent or		ON FORM	1	State	Count	ry Pern
	ASSIFICATIO		1			
	A Section 1		1	en la les		#12 (T
NOTA				ah basik	nel beker	3) Ch
					es, Div	OF F.D.O.
	ADI	DRESS		merce Sq		
WELL OPERATOR PAR PAGOURGES PAR	5 P D O C		eston, M		750	
WELL OPERATOR Ray Resources, Div of ADDRESS 630 Commerce Sa			1 4	rorris	1	1
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Charleston W. Va. 25301 CAS PURCHASER Oblustica Bus				act No.	The state of the s	Quad. open
ADDRESS 1700 Mor Corkle Aue SE						
Charleston WVa 25325		Date of (ert Code		67127 -9-78	
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List all records reasonably available to of eligibility (including production recindicate the location of such records:	you which ords, B&O	contain Tax Reco	informati	on relevant	to a deter nt records)	cuination and
1) Production Statements		1.1/	hucur.	A DE TONG	9 L	
1) Flourection Statements						
2) Lease files					in the last of	
3) Tax Records	C					
Located in Main Office	-					
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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

JOM R RAGSDATE IDAVIT

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 ranner 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.

STATE OF WEST VIRGINIA,

COUNTY OF __Kanawha___. TO WIT:

I, Devote R Misson TR. a Notary Public in and for the state and county aforesaid.

do certify that Town R Register. whose name is signed to the writing above, bearing date
the Joyn day of Town any . 1979, has acknowledged the same before the in my county aforesaid.

Given under my hand and official seal this 1977 day of Figure . 1979.

My term of office expires on the 1977 day of Agust . 19861-12/2024

not Shilan f

[NOTARIAL SEAL]

DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date <u>January 30</u>, 19<u>79</u>

Operator's Well No. 1094

API Well

- 105

0693 Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

WELL OPERATOR Ray Resources, Div. Of F.D.O.	CDESIGNATED AGENT
ADDRESS 630 Commerce Sq.	ADDRESS Same
Charleston, W. Va. 25301	
Gas Purchase Contract No. 23010 and Da	ate_ 2-9-78
Meter Chart Code 267	(Month, day and year)
Name of First Purchaser Calumbia	a Das In ans
1700 MacCorkle	AUP 52
Charleston C	10. abox) 25335
FERC Seller Code	EFPC Buyer Code
TYPE OF DETERMINATION BEING SOUGHT:	FERC Buyer Code
(1) Initial determination (See FERC Form 121.)	108
(2) Determination that increased production is recovery technology.	Section of NGPA Category Code the result of enhanced
(3) Determination of a seasonally affected well	TOM R. RAGSDALE
	Vice-Pres.
	Title
S	interes A. Pografie
5	treet or P. O. Box
-	Charleston, W.Va. 25301
[1] 이 마시스 사람이 많은 이 그는 네트	304 344-8393
A	304 344-8393 rea Phone Number
(Certificate of Proof of Service to Purchaser)	
(All of the above to be completed by the Operator/App	plicant)
(To be completed by Jurisdictional Agency Freetrad	
(To be completed by Jurisdictional Agency. Executed purchaser, if known).	copy to be returned to Operator/Applicant and
(NGPA): or for determination that increased ared	request. for certification of the above described under the Natural Gas Policy Act of 1978, action is the result of enhanced recovery technology of a seasonally affected well under Section 108 of (NGPA)
All interested parties are hereby notified the office of the Oil and Gas Division in Charleston, be heard there will be a public hearing, if requested	that on theday of, 19, at
This Application is assigned File No.	
Initial review of information submitted ind entitled to certification as claimed under the Natura and any additional evidence will be made at the time as the matter may be heard.	Cas Police Act (None)
Unless objections are timely filed or a requal days, a hearing will not be held except on ex parte may go to determination.	uest for a hearing is made within fifteen (15) oction of the department and the matter will
WES	T VIRGINIA DEPARTMENT OF MINES
	There I De
FEB 2 3 1979	Director
Date received by	Ву
Jurisdictional Agency	Title

14-39-MC

DINISION - OIL HAD GAS STATE OF WEST VIRGINIA

216 886

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DAYS OHLINE

CAS MEC

10147-105-0693 FARM 1

THORN

1997

CAS VOLUMES IN MFC a 14.73
OIL IN DARRELLS a 60 DEGREES

12/2024

OPERATOR ! Ray Resources, Division of Flying Diamond Oil Corporation

01/

COUNTY WIRT 1 AVO. FLOW PRESSURE 1 5 SHUT-IN PRESSURE . T 1 2 70 TOTALS

DAYS ONLINE CIL 881 CAS MEC 10147-105-0693 FARM 1 THORN 1978 -3 7 0 I 0 7 0 COUNTY! W.ET 165-9 0 AVO. FLOW PRESSURE 3044 1- 29 2581 0 SHUT-IN PRESSURE 1043 0 935 0 839 OAS 12504 TOTALS 5

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

NORTH Latitude -2 WESTVACO (SUR) ANNA THORN ETAL. 194AC (O.G.M.) 1 IN 200 Minimum Error of Closure .. Source of Elevation RD. FKS. SHOWN New Location..... Drill Deeper "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and Abandonment 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.O.C. STATE OF WEST VIRGINIA Address 630 COMMERCE SQ. CHARLESTON, W. VA. DEPARTMENT OF MINES OIL AND GAS DIVISION Farm WESTVACO BUR) ANNA THORN ET. AL. (O.G.M) CHARLESTON FILE NO. WIR-693 Well (Farm) No. RAY ONE Elevation (Spirit Level) 750FT. Quadrangle SPENCER -+ Denotes location of well on United States Topo-graphic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown. Engineer's Registration No. 860 - Denotes one inch spaces on border line of original Date 6-5-76 Scale /IN = 40POLES 47-105

2410 Berea