OG — 1
Rev. — 71

A-1

RECEIVED
SEP 3 1976
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 2, 1976

Surface Owner Orva Neptune
Address
Mineral Owner Cabot Corporation
Address Charleston, W. Va. 25322
Coal Owner
Address
Coal Operator
Address

Company RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION
Address 630 Commerce Sq., Chas., WV 25301
Farm W. A. Neptune (Cabot) Acres 55
Location (waters) Right Reedy Creek
Well No. (3) 725 Elevation 998'
District Reedy 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 1-3-77.

Deputy Director - Oil & Gas Division

Inspector to be notified K. Paul Goodnight
Address Smithville, W. Va.
Telephone 477-2455

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 September 2, 1975 by Seneca Oil Company 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, RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION

(Sign Name) N. W. Hardin
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 the well operator authorized to proceed.

BLANKET BOND

WIRT - 705
47-105
PERMIT NUMBER

A-2

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE

DRILLING CONTRACTOR: (If Known)
NAME F. W. A. Drilling, Inc.
ADDRESS Elkview, W. Va. 25071
TELEPHONE 965-3379

RESPONSIBLE AGENT:
NAME Bill Endicott
ADDRESS Box 234 Culloden, W. VA.
TELEPHONE 743-9067

ESTIMATED DEPTH OF COMPLETED WELL: 2690'
ROTARY XXX CABLE TOOLS _____

PROPOSED GEOLOGICAL FORMATION: Berea

TYPE OF WELL: OIL XXX 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 11 3/4"	30'	30'	To Surf.
9 - 5/8			
8 - 5/8	250'	250'	To Surf.
7			
5 ½			
4 ½	2690'	2690'	75 Sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 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.

_____
For Coal Company

_____
Official Title

OG-10
Rev. - 9-71

B-1

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED
SEP 22 1976
OIL & GAS DIVISION
DEPT. OF MINES

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

Quadrangle Spencer

Permit No. WIRT-705

RAY RESOURCES, DIVISION OF
Company FLYING DIAMOND OIL CORPORATION
Address 630 Commerce Sq., Chas., WV 25301
Farm W. A. Neptune (Cabot) Acres 55
Location (waters) Right Reedy Creek
Well No. 725 Elev. 998'
District Reedy County Wirt
The surface of tract is owned in fee by Orva Neptune
Address
Mineral rights are owned by Cabot Corporation
Address Charleston, W. Va.
Drilling Commenced 9-5-76
Drilling Completed 9-9-76
Initial open flow ____ cu. ft. ____ bbls.
Final production Dry Hole cu. ft. per day P&A bbls.
Well open ____ hrs. before test ____ 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	213'	213'	To Surf.
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

Well treatment details:
DRY HOLE - PLUGGED AND ABANDONED

Coal was encountered at ____ Feet ____ Inches
Fresh water ____ Feet ____ Salt Water ____ Feet ____
Producing Sand ---------- Depth ____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Rock			0	220		
Shale			220	1638		
Salt Sand			1638	1756		
Lime			1756	1914		
Blue Monday			1914	1932		
Lime & Injun			1932	2227		
Shale			2227	2575		
Berea			2575	2579		
Shale			2579	2690		
				2690	T.D.	

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

01/12/2024

Date September 20, 1976

APPROVED RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION, Owner

By Tom Rogsdale

GEOLOGIST (Title)

OG-11

B-2

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Wir-705

Oil or Gas Well (KIND)

Company Ray Resources Div of F.D.O.C

Address

Farm W.A Neptune

Well No. (3) - 723

District Reedy County Wirt

Drilling commenced 9-4-76

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 159 feet feet

Salt water feet feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼ 8 5/8	208		
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 5/8 SIZE 208 No. FT. Date
Cement to Surface 100 Bbs

NAME OF SERVICE COMPANY Dowell

COAL WAS ENCOUNTERED AT FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Drillers' Names Starcher

Cont - Clint Hart & Assoc Rotary - Fluid

Remarks:

Drlg - 2424'

Big lime 1962-2157

9-8-76
DATE

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

_____

DISTRICT WELL INSPECTOR

01/12/2024

B-3

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

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. Wir-705-P Well No. (3) 723

COMPANY Ray Resources Div of F.D.O.C ADDRESS

FARM W. A. Neptune DISTRICT Reedy COUNTY Wirt

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:

Hold - 12b

Operator Notified

5-11-78
DATE

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

K. Woodwright 505
DISTRICT WELL INSPECTOR

01/12/2024

OG-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

01/12/2024

Form OG 9

B-8

RECEIVED
SEP 17 1976
OIL & GAS DIVISION
DEPT. OF MINES

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

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

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

Coal Operator	RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION Name of Well Operator
Address	630 Commerce Square Charleston, W. Va. 25301 Complete Address
Coal Owner	September 9, 1976 Date
Address	WELL TO BE ABANDONED Reedy District
Cabot Corporation Lease or Property Owner	Wirt County
	Well No. Neptune #725
Charleston, W. Va. 25322 Address	W. A. Neptune (Cabot) Farm

Inspector K. Paul Goodnight, Smithville, W. Va. Telephone 477-2455

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

RAY RESOURCES, DIVISION OF
FLYING DIAMOND OIL CORPORATION

Very truly yours,

Tom Ringdale

Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, **in compliance with Rule 5 of the Rules and Regulations.**

01/12/2024

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.

BLANKET BOND

WIRT-705-P

47-105 Permit Number

AFFIDAVIT, FORM OG-8, MANNER WELL PLUGGED MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

Gel	T.D. 2610 - 2230'
Cement	2230 - 1940'
Gel	1940 - 1670'
Cement	1670 - 1560'
Gel	1560 - 220'
Cement	220 - 0'

Erect Monument

To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours, RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION

_____
Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this 9th. day of September, 19 76.

DEPARTMENT OF MINES
Oil and Gas Division

By: Robert L Todd

01/12/2024

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.

B-9

RECEIVED
SEP 22 1976
OIL & GAS DIVISION
DEPT. OF MINES

FORM OG-8

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER

ADDRESS

COAL OPERATOR OR OWNER

ADDRESS

Cabot Corporation
LEASE OR PROPERTY OWNER

Charleston, W. Va. 25322
ADDRESS

RAY RESOURCES, DIVISION OF
FLYING DIAMOND OIL CORPORATION
NAME OF WELL OPERATOR

630 Commerce Sq., Chas., WV 25301
COMPLETE ADDRESS

September 16, 19 76

WELL AND LOCATION

Reedy District

Wirt County

Well No. #725

W. A. Neptune (Cabot) Farm

STATE INSPECTOR SUPERVISING PLUGGING K. Paul Goodnight, Smithville, W. Va.

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha } ss:

Tom Ragsdale and Bill Endicott

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Ray Resources, Div. of F.D.O.C. well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 9th day of September, 19 76, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
FORMATION		SIZE & KIND	CSG PULLED	CSG LEFT IN
	Gel T.D. 2610 - 2230'			
	Cement 2230 - 1940'			
	Gel 1940 - 1670'			
	Cement 1670 - 1560'			
	Gel 1560 - 220'			
	Cement 220 - 0'			

COAL SEAMS		DESCRIPTION OF MONUMENT
(NAME)		
(NAME)		
(NAME)		
(NAME)		

and that the work of plugging and filling said well was completed on the 9th day of September, 19 76.

And further deponents saith not.

T. Ragsdale
Bill Endicott

Sworn to and subscribed before me this 17th day of September, 19 76.

Helen Mae Snodgrass
Notary Public.

My commission expires:
August 8, 1978

Permit No. WIRT-705-P

47-105

01/12/2024

OG-11

B-11

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

RECEIVED
OCT 20 1978
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wir-705

Oil or Gas Well _____ (KIND)

Company Ray Resources Div of F.M.O.C

Address _____

Farm W. A. Neptune

Well No. 723

District Reedy County Wirt

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			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			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:

Rel-

10-18-78
DATE

[illegible] 505
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

_____

DISTRICT WELL INSPECTOR

01/12/2024

B-12

State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 25305
October 20, 1978

Ray Resources Corporation
Division of Flying Diamond Oil Co.
630 Commerce Square
Charleston, W.Va. 25301

In Re: Permit No. WIRT-705-P
Farm W. A. Neptune
Well No. 725
District Reedy
County Wirt

Gentlemen:

The final inspection report for the well which is described above has been received in this office. Only the column checked below applies.

XXXXX The bond covering the well designated by the above permit number has been released under your Blanket Bond.

_____ Please return the enclosed cancelled bond which covered the well designated by the above permit number to the Surety Company who executed said bond in your behalf, in order that they may give you credit on their records.

Very truly yours,

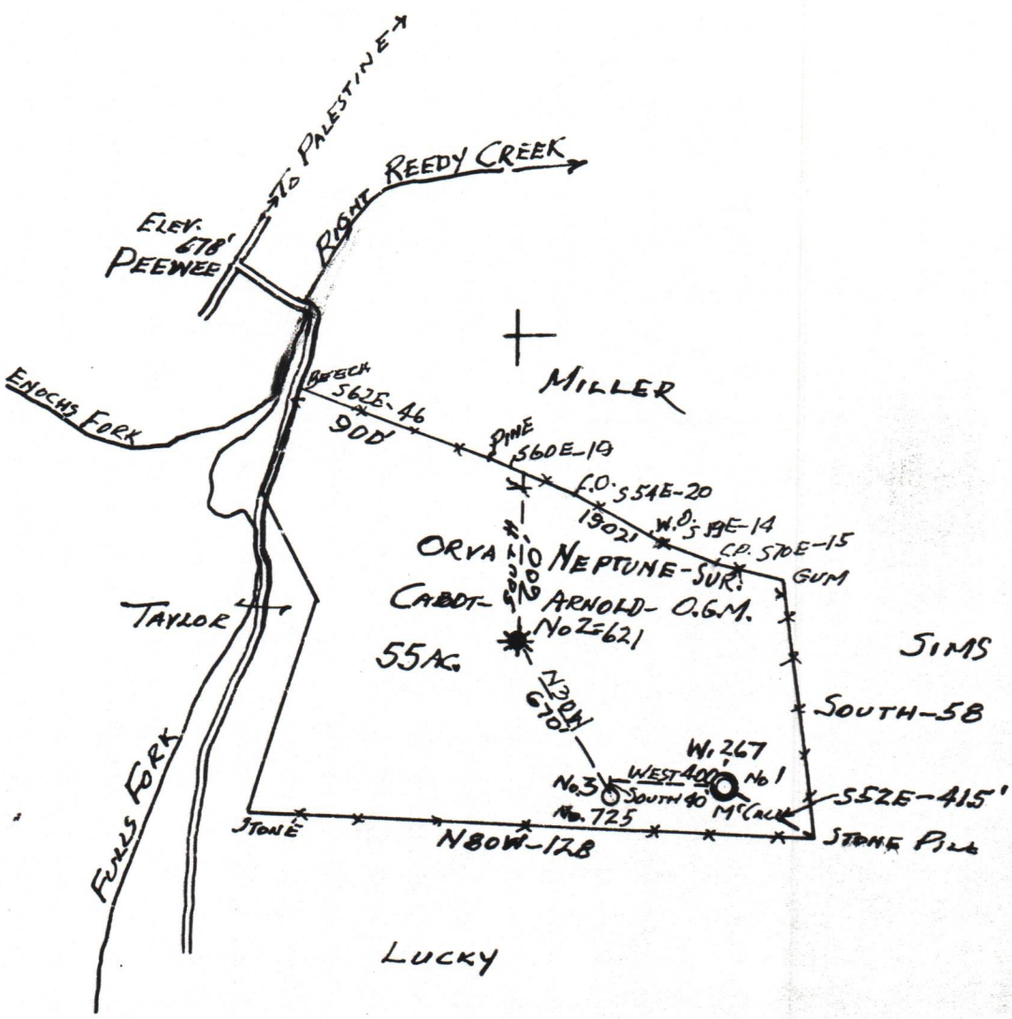
Deputy Director
Oil and Gas Division

RLD/chm
Enclosure:

01/12/2024

Latitude 39° 00'

Longitude 81° 25'



New Location ☑
Drill Deeper ☐
Abandonment ☒
9/17/76

Minimum Error of Closure 1 IN 200
Source of Elevation WIRT 267-1025'

"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 FLYING DIAMOND OIL CORP.
Address COMMERCE SQ. CHARLESTON, W.VA.
Farm ORVA NEPTUNE SUR.-CABOT-ARNOLD, O.G.M.
Tract _____ Acres 55 Lease No. _____
Well (Farm) No. THREE Serial No. 725
Elevation (Spirit Level) 998 FT.
Quadrangle SPENCER
County WIRT District REEDY
Engineer Glen W. Roberts
Engineer's Registration No. 860
File No. _____ Drawing No. _____
Date 8-24-76 Scale 1 IN = 660 FT.

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

WELL LOCATION MAP

FILE NO. WIR-705-P

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

2690' Bren

B-4

State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 25305

September 23, 1976

JOHN ASHCRAFT
Director

ROBERT L. DODD
Deputy Director

Paul Goodnight
Smithville, W.Va.

PERMIT WIRT-705-P
COMPANY Ray Resources
FARM W. A. Neptune (Cabot)
WELL NO 725
DISTRICT Reedy
COUNTY Wirt

Dear Sir:

Please make a final inspection of the well described above.

Very truly yours,

Robert L. Dodd

Robert L. Dodd

RLD/ chm

01/12/2024

01/12/2024