



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

Nile Bartram & Chesley A. Lycan

COAL OPERATOR OR COAL OWNER

P. O. Box 489, Ashland, Kentucky

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

same as above

OWNER OF MINERAL RIGHTS

ADDRESS

OWENS, LIBBEY-OWENS GAS DEPARTMENT

NAME OF WELL OPERATOR

P. O. Box 4158, Charleston - 4 - W.Va.

COMPLETE ADDRESS

June 30, 1950

PROPOSED LOCATION

Lincoln District

Wayne County

Well No. 1 (Sr. No. 801) <sup>38°00'</sup> <sub>82°20'</sub>

Nile Bartram Farm

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 11, 1946, made by Nile Bartram et al., to Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co., and recorded on the 7th day of November, 1946, in the office of the County Clerk for said County in Book 34, page 409.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten\* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

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, ~~on~~ on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

WELL OPERATOR

P. O. Box 4158

STREET

Charleston - 4 -

CITY OR TOWN

West Virginia

STATE

11/10/2023



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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department of Mines  
Charleston, W. Va.

OWENS, LIBERTY-OWENS GAS DEPARTMENT  
NAME OF WELL OPERATOR  
P. O. Box 1158, Charleston - W. Va.  
COMPLETE ADDRESS

WILE BARTON & CHESTNEY, INC.  
COAL OPERATOR OR COAL OWNER  
P. O. Box 189, Ashland, Kentucky  
ADDRESS

June 30, 1950  
PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER

Lincoln  
District

ADDRESS

Wayne  
County

2555 22 BOULE  
OWNER OF MINERAL RIGHTS

Well No. 1 (Dr. No. 801)

ADDRESS

Wile Barton

ADDRESS

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 11, 1916, made by Wile Barton et al. Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co. and recorded on the 17th day of November, 1916, in the office of the County Clerk for said County in Book 31, page 109.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the bounds of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)  
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 addresses \_\_\_\_\_ (day) \_\_\_\_\_ 1950 on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

OWENS, LIBERTY-OWENS GAS DEPARTMENT  
WELL OPERATOR  
P. O. Box 1158  
STREET  
Charleston - W. Va.  
CITY OR TOWN  
West Virginia  
STATE

Address  
of  
Well Operator

11/10/2023

Section 3. If no such objections be filed or be found by the department of mines within said period of ten days from the receipt of said notice and plat by the department of mines, the department shall forthwith issue to the well operator a drilling permit reciting the date of such plat, that no objections have been made by the coal operators to the location or found thereby by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number

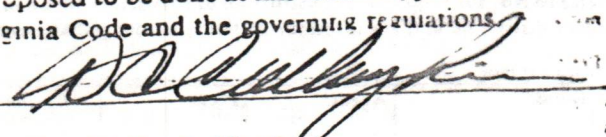
Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

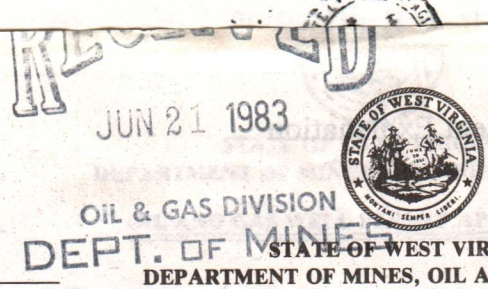
The undersigned coal operator \_\_\_\_\_ owner  lessee \_\_\_\_\_ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, 11/10/2023 has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.



By David C. Callaghan  
Secretary of the Public Land Corporation

Date: May 20, 19 83

FORM IV-2 (6-82)



DRILLING CONTRACTOR: UNKNOWN

OIL & GAS DIVISION DEPT. OF MINES STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

1) Date: June 16, 19 83
2) Operator's Well No. Nile Bartram #1
3) API Well No. 47 099 723 -REC. State County Permit

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil XX / Gas / B (If "Gas", Production / Underground storage / Deep / Shallow)
5) LOCATION: Elevation: 974' Watershed: Spruce Fork District: Lincoln County: Wayne Quadrangle: Naugatuck
6) WELL OPERATOR Cabot Oil & Gas Corp. of W.Va. 11) DESIGNATED AGENT Robert E. Horrell
7) OIL & GAS ROYALTY OWNER Libby-Owens Ford Co. 12) COAL OPERATOR NOT OPERATED
8) SURFACE OWNER Mrs. June Bartram Name St. of W.Va. Public Land Corp.
9) FIELD SALE (IF MADE) TO:
10) OIL & GAS INSPECTOR TO BE NOTIFIED Name Kenneth Butcher
15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate
16) GEOLOGICAL TARGET FORMATION, Big Lime
17) Estimated depth of completed well, 1700 feet
18) Approximate water strata depths: Fresh, 117, 358 feet; salt, feet.
19) Approximate coal seam depths: Is coal being mined in the area? Yes / No

20) CASING AND TUBING PROGRAM WORKOVER

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft., New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, Perforations: Top, Bottom)

- 21) EXTRACTION RIGHTS Check and provide one of the following:
22) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed?
23) Required Copies (See reverse side.)
24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.
Notary: Louna Miller Signed: Robert E Horrell
My Commission Expires March 5, 1989 Its: District Production Superintendent

OFFICE USE ONLY

Permit number 47-099-0723-REC. DRILLING PERMIT July 14/10/2023 83

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)


Permit expires XXXX July 14, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence.
Table with columns: Bond, Agent, Plat, Casing, Fee

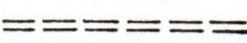
Signature: Michael Lewis Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Wilsondale

LEGEND

WELL SITE 


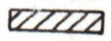
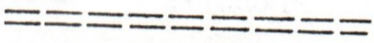


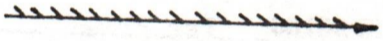












ACCESS ROAD 

PHOTOCOPY ATTACHED

WELL SITE PLAN

SKETCH TO INCLUDE WELL LOCATION, EXISTING ACCESS ROAD, ROADS TO BE CONSTRUCTED, WELLSITE, DRILLING PITS AND NECESSARY STRUCTURES NUMBERED OR LETTERED TO CORRESPOND WITH THE FIRST PART OF THIS PLAN. INCLUDE ALL NATURAL DRAINAGE.

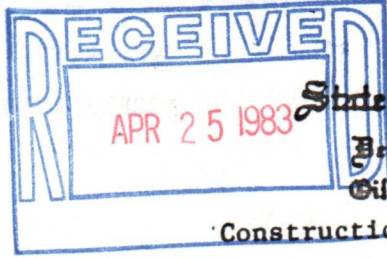
LEGEND

WELL LOCATION		DRILLING PIT	
PROPOSED ROAD		EXISTING ROAD	
PROPERTY BOUNDARY		DIVERSION	
EXISTING FENCE		PROPOSED FENCE	
STREAM		SPRING	
WET SPOT		OPEN DITCH	
DRAIN PIPE		BUILDING	
WATERWAY		CULVERT	
RIP RAP		SLOPE OF LAND	

SKETCH ATTACHED

COMMENTS: This is an existing location. The proposed work is a reconditioning of the well Location to be tilted towards highwall to divert runoff through sediment control Existing road to be regraded, drainage shall be provided as required by field conditions.

11/10/2023



State of West Virginia  
Department of Mines  
Oil and Gas Division  
Construction and Reclamation Plan

COMPANY NAME Cabot Oil & Gas Corporation  
ADDRESS P.O. Box 628, Chas. WV 25322  
TELEPHONE 304-347-1600  
LANDOWNER

DESIGNATED AGENT Robert Horrell  
ADDRESS P.O. Box 628 Chas. WV 25322  
TELEPHONE 304-347-1600  
SOIL CONS. DISTRICT Guyan SDC

Revegetation to be carried out by \_\_\_\_\_ Company Contractor \_\_\_\_\_ (Agent)

This plan has been reviewed by \_\_\_\_\_ SCD. All corrections and additions have become a part of this plan.

Guyan SCD. All corrections  
4-20-83  
(Date)  
Denise Stone  
(SCD Agent)

ACCESS ROAD

- STRUCTURE Ditch Relief Cross Drain (A)
- SPACING Per Plan
- PAGE REF. MANUAL 2-1, 2-2, 2-3, 2-4
- STRUCTURE Culvert (B)
- SPACING Per Plan
- PAGE REF. MANUAL 2-7, 2-8, 2-9
- STRUCTURE \_\_\_\_\_ (C)
- SPACING \_\_\_\_\_
- PAGE REF. MANUAL \_\_\_\_\_

- LOCATION APPROVED (1)
- MATERIAL APR 28 1983
- PAGE REF. MANUAL \_\_\_\_\_
- STRUCTURE DEPT. OF MINES (2)
- MATERIAL \_\_\_\_\_
- PAGE REF. MANUAL \_\_\_\_\_
- STRUCTURE Sediment Barrier (3)
- MATERIAL Straw Bales
- PAGE REF. MANUAL 2-16, 2-18

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before earth work begins.

Revegetation

Lime _____ 3 Tons/acre	Lime _____ 3 Tons/acre
or correct to pH <u>6.5</u>	or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre	Fertilizer <u>500</u> lbs/acre
(10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch <u>Hay or Straw @ 1 1/2</u> Tons/acre	Mulch <u>Hay or Straw @ 1 1/2</u> Tons/acre
Seed* <u>Ky 31 Tall Fescue 40</u> lbs/acre	Seed* <u>Ky 31 Tall Fescue 40</u> lbs/acre
<u>Redtop 5</u> lbs/acre	<u>Redtop 5</u> lbs/acre
<u>Ladino Clover 2</u> lbs/acre	<u>Ladino Clover 2</u> lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X the recommended amount.

Note: Please request landowner cooperation to protect new seedlings for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY Robert E. Harrell  
Cabot Oil and Gas Corporation  
ADDRESS P.O. Box 628 11/10/2023  
Charleston, WV 25322  
PHONE NO. (304) 347-1600

RECEIVED  
APR 28 1983

Form OLO 45-500-445

OIL & GAS DIVISION  
DEPT. OF MINES

THIS LEASE AGREEMENT, made and entered into this 11 day of March  
A. D., 1946, by and between Nile Bartram and Annie Bartram  
his wife; Chesley A. Lycan and Opal B. Lycan his wife

parties of the first part, LESSORS, and Owens-Illinois Glass Company and the Libbey-Owens-Ford Glass Company, Ohio corporations, doing business in the State of West Virginia, parties of the second part, LESSEES.

WITNESSETH: That the said parties of the first part, for and in consideration of the sum of One Dollar (\$1.00), to them in hand well and truly paid by the parties of the second part, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained on the part of the said parties of the second part to be paid, kept and performed, have granted, demised, leased and let and by these presents do grant, demise, lease and let unto the parties of the second part their successors and assigns, for the sole and only purpose of drilling and operating for oil and gas and their by-products and laying pipe lines for taking and transporting gas and oil from this land and other lands now or hereafter leased, and building tanks, stations and structures thereon to take care of and transport all of said products, all that certain tract of land situated in Lincoln District, Wayne County, West Virginia, on the waters of \_\_\_\_\_ bounded substantially as follows:

- On the North by lands of Huntington Development & Gas Co.
- On the East by lands of Wilson Coal Land Co.
- On the South by lands of Wilson Coal Land Co.
- On the West by lands of Moses Marcum and Huntington Development & Gas Co.

containing 87 acres, more or less, and being the same land conveyed to the first parties by James Bartram, by deed dated February 16, 1939 and recorded in the office of the Clerk of the County Court of Wayne County, W. Va.

in Deed Book 195, Page 311 provided, however, that no well shall be drilled within 200 feet of the buildings now located on said premises, without the consent of the lessors. October 27, 1946

It is agreed that this lease shall remain in force for a period of five years, from ~~the date~~ hereof, and as long thereafter as oil and gas, or either of them, is produced therefrom by the parties of the second part.

In consideration of the premises the said parties of the second part covenant and agree:

FIRST: To deliver to the credit of the parties of the first part, their heirs or assigns, free of cost, in the pipe line or tanks to which they may connect their wells, the equal of one-eighth (1-8th) part of all oil produced and saved from the leased premises.

SECOND: To pay on the twentieth day of each month for the gas from each and every well drilled on the leased premises, the product of which is marketed or used off the leased premises during the preceding calendar month one and one-half cents per thousand cubic feet for each and every thousand cubic feet so used or marketed. The meters to be used in the measurement of gas shall be orifice meters, or other proper measuring device, located on or near the premises, and the amount of gas measured shall be calculated at ten ounces (10 oz.) pressure above an atmospheric pressure of 14.4 and a temperature of 60 degrees Fahrenheit.

As part consideration hereof Lessors agree to pay, and Lessees are authorized to deduct from any royalty payment, the Lessors proportionate part of all the excise, depletion, privilege and/or production tax levied, assessed or charged on or against the oil and/or gas produced from said premises.

THIRD: To pay one-eighth (1-8th) of the net profits on gasoline and other by-products manufactured from casing-head gas (being gas produced from wells operated as oil wells on the premises.)

Said parties of the second part shall not be required in any event to increase the rate of said royalties or rentals by reason of any royalty or interest in said oil or gas that may have been hereto-

fore sold, reserved or conveyed by the first parties or their predecessors in title or otherwise, and any such outstanding royalty or interest shall be first deducted from the royalties or rentals provided to be paid or delivered.

The parties of the first part may lay a line to any well producing gas on said premises to take gas free for their own use for heat and light in one dwelling house out of any surplus gas over and above what second parties, their successors and assigns, require to operate the premises and subject to the use, operation, pumping and right of abandonment of the well by said second parties; and first parties agree to take gas from said well at such pressure as from time to time may be maintained on said well by said second parties, and said second parties shall in no event be liable to said first parties for any damages sustained, whether by reason of insufficient supply of gas, changes in pressure, bursting of pipes, accidents or damages caused by the use of pumping stations or otherwise, and said first parties shall subscribe to and be bound by the reasonable rules and regulations of the said second parties, as adopted by them from time to time, relating to the use of gas.

Said second parties covenant and agree to locate all wells so as to interfere as little as possible with the cultivated portions of the leased premises, and further to complete a well within one day from ~~NOV. 27, 1946 from the date hereof~~, or pay thereafter at the rate of One Dollar (\$1.00) per acre per annum, payable quarterly in advance, until a well is completed.

It is understood and agreed that the parties of the first part are to receive an amount annually either in land rental or royalties, or both, equal in the aggregate to One Dollar (\$1.00) per acre on the land hereby leased, until such a time as the royalties provided for equal or exceed such amount; and if at the end of any year, the royalties from any well or wells drilled on the premises do not equal a sum equivalent of One Dollar (\$1.00) per acre on the land leased, the parties of the second part are to pay the parties of the first part the difference between such amounts until such a time as the said royalties equal or exceed such amount, and thereafter, only the royalties above provided to be paid, shall be paid whether their total equals a sum equivalent to One Dollar (\$1.00) per acre or not.

All payments may be made by check and mailed to Nile Bartram and Chesley A. Lycan,  
Box 489, Ashland, Ky.

It is agreed that said second parties are to have the privilege of using sufficient water from the premises to run all machinery necessary for the drilling and operating thereon, and at any time to remove all machinery and fixtures placed on the premises; and further upon the payment of One Dollar (\$1.00) at any time by the parties of the second part, their successors and assigns, they shall have the right to surrender all or part of this lease for cancellation, after which all payments and liabilities thereafter to accrue under and by virtue of its terms shall cease and determine, and this lease become absolutely null and void, as to the part so surrendered.

The lessors warrant generally the title to the property hereby leased.

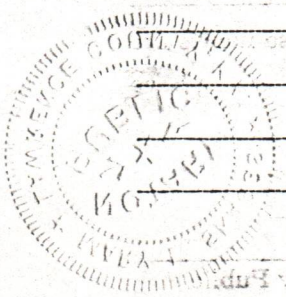
All provisions of this lease shall extend to and be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

Witness the following signatures and seals:

Witness:

Chesley A. Lycan [SEAL]  
Chesley A. Lycan [SEAL]  
Nile Bartram [SEAL]  
Annie Bartram [SEAL]

11/10/2023



[SEAL]  
[SEAL]  
[SEAL]  
[SEAL]



No. 2030 Acres 87

# AGREEMENT

Oil and Natural Gas

COUNTY CLERK'S OFFICE

11 51 AM 1946

From Nile Bartram and Annie Bartram, his wife, etl

To

Owens-Illinois Glass Co. and Libbey-Owens-Tord Glass Co.

Date 3-11-1946

LOCATION

Lincoln

District

Wayne

W.Va.

County

Recorded

In Book 34

Page 409

Clerk

County

*Opp Queen Payne*

RETURN TO THE OWENS, LIBBEY - OWENS GAS DEPT P. O. BOX 4158

STATE OF West Virginia  
COUNTY OF Wayne

I, Ida R. McChelland, a Notary Public in and for the said County and State do hereby certify that

Casley A. Bryan and Opal W. Bryan

signed to the foregoing writing bearing date of 11 day of March 1946, have this day acknowledged the same before me in my said county.

Given under my hand this 11 day of March 1946

My commission expires on the 14 day of January 1950  
Ida R. McChelland  
Notary Public.

STATE OF West Virginia  
COUNTY OF Wayne

I, H. M. Walker, a Notary Public in and for the said County and State do hereby certify that

Nile Bartram, husband of Annie Bartram

signed to the foregoing writing bearing date the 11th day of March 1946, whose names are is have 5 this day acknowledged the same before me in my said county.

Given under my hand this 12th day of March 1946  
My commission expires on the 17th day of June 1951

H. M. Walker  
Notary Public.

STATE OF Kentucky  
COUNTY OF Lawrence

I, Mary L. Shaggs, a Notary Public in and for the said County and State do hereby certify that

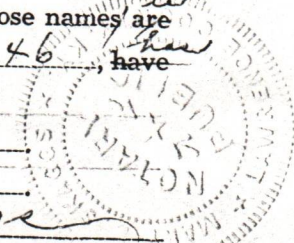
Annie Bartram, wife of Nile Bartram

11/10/2023

signed to the foregoing writing bearing date the 11 day of March, 1946, whose names are is have 1 this day acknowledged the same before me in my said county.

Given under my hand this 12 day of March, 1946  
My commission expires on the 6 day of April, 1946

Mary L. Shaggs  
Notary Public.



A-10



**CABOT OIL & GAS CORPORATION OF WEST VIRGINIA**

1100 CITY CENTER WEST  
POST OFFICE BOX 628  
CHARLESTON, W. VA. 25322  
TELEPHONE 304/347-1600

RECEIVED

APR 28 1983

April 27, 1983

OIL & GAS DIVISION  
DEPT. OF MINES

Mr. Theodore M. Streit, Administrator  
Department of Mines  
Oil and Gas Division  
1615 Washington Street, East  
Charleston, WV 25311

Dear Mr. Streit:

Enclosed are five (5) copies of an Oil and Gas Permit Application, location plat and approved reclamation plan for the Nile Bartram #1, located in Wayne County, West Virginia.

The Nile Bartram #1 has already been drilled and will be reworked. This well was perviously permitted 47-099-723.

We have sent copies to coal owner/coal operator for waiver signature on the above permit. After they are returned to our office, we will forward a copy to your department.

Sincerely,

*Robert E. Horrell*

Robert E. Horrell

REH/clh  
Enclosures

cc: file

11/10/2023

A-11



CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

1100 CITY CENTER WEST  
POST OFFICE BOX 628  
CHARLESTON, W. VA. 25322  
TELEPHONE 304/347-1600

RECEIVED

JUN 21 1983

OIL & GAS DIVISION  
DEPT. OF MINES

June 16, 1983

Mr. Theodore M. Streit, Administrator  
Department of Mines  
Oil and Gas Division  
1615 Washington Street, East  
Charleston, WV 25311

Dear Mr. Streit:

Enclosed please find a corrected drilling permit application for the Nile Bartram #1 well, located in Wayne County, West Virginia.

The surface owner was incorrect on the application that was previously mailed to your office on April 28, 1983.

Also enclosed is a copy of the waiver signature from the State of W.Va. Public Land Corporation.

If you have any questions please call.

Sincerely,

*Robert E. Horrell*

Robert E. Horrell  
District Production  
Superintendent

REH/clh  
Enclosures

cc: Surface Owners  
Royalty Owners  
Coal Owner  
File

11/10/2023

99-0723

A-12



CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

1100 CITY CENTER WEST  
POST OFFICE BOX 628  
CHARLESTON, W. VA. 25322  
TELEPHONE 304/347-1600

August 24, 1983

RECEIVED  
AUG 26 1983  
OIL & GAS DIVISION  
DEPT. OF MINES

Mr. Theodore M. Streit, Administrator  
State Department of Mines  
Oil & Gas Division  
307 Jefferson Street  
Charleston, West Virginia 25311

Dear Sir:

Please withdraw our NGPA 107DV filing on the Nile Bartram (47-099-0723) well. It was discovered during bailing this well that the Shale was in fact bridged and nonproductive. As the Shale is not producing and we have no intention at the present to change this situation, the 107DV filing is superfluous.

The low volumes of gas produced by this well appear to have originated up-hole above the Hookwall packer set at 2302-2306'. During bailing the tubing, echo readings on the casing showed the level of fluid also dropping, therefore, the Big Lime has been feeding past the packer.

Sale of gas from the Bartram was done at the NGPA stripper rate to Tennessee Gas Pipeline Company. As no 107 Shale rate was charged, no refund is necessary as a result of this withdrawal.

Sincerely,

Ed Hindman

EH:lvm

cc: H. Baird Whitehead  
William J. Powell  
Tennessee Gas Pipeline Company

11/10/2023

IV-35  
(Rev 8-81)

RECEIVED

AUG 24 1983



State of West Virginia

Department of Mines

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

Date August 23, 1983

Operator's Well No. #1

Farm Nile Bartram

API No. 47 - 099 - 723 REC

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil x / Gas / Liquid Injection / Waste Disposal /  
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 974 G.L. Watershed West Fork of 12 Pole Creek

District: Lincoln County Wayne Quadrangle Naugatuck

COMPANY Cabot Oil & Gas Corporation of WV

ADDRESS P.O. Box 628, Charleston, WV 25322

DESIGNATED AGENT Robert E. Horrell

ADDRESS P.O. Box 628, Charleston, WV 25322

SURFACE OWNER "See attached sheet"

ADDRESS \_\_\_\_\_

MINERAL RIGHTS OWNER "See attached sheet"

ADDRESS \_\_\_\_\_

OIL AND GAS INSPECTOR FOR THIS WORK Kenneth

Butcher ADDRESS RFD #1  
Barboursville, WV 25504

PERMIT ISSUED July 14, 1983

DRILLING COMMENCED 7/26/83

DRILLING COMPLETED 8/23/83

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON \_\_\_\_\_

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8		475'	
7		1617'	
5 1/2			
4 1/2		2377.56'	110 sks.
3			
2-3/8"		1586.55'	
Liners used		Seating collar @ 1550'	

GEOLOGICAL TARGET FORMATION Big Lime/Injun Depth 1540-1688 feet

Depth of completed well 2436 feet Rotary / Cable Tools x

Water strata depth: Fresh 117 feet; Salt 1065, 1188 feet

Coal seam depths: 389' [60"] Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Injun Pay zone depth 1694-1716 feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 150 Mcf/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 460 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

Second producing formation Big Lime Pay zone depth 1552-1564 feet

Gas: Initial open flow 29 Mcf/d Oil: Initial open flow 9 Bbl/d

Final open flow 200 Mcf/d Oil: Final open flow 20 Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 460 psig (surface measurement) after 24 hours shut in

(Continue on reverse side)

WAYNE 723 REC

11/10/2023

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.  
 7/27/83 - Plugged back from shale. Set cal-seal plug on bridge @2436'  
 8/11/83 - Perforated Injun 1694-1698', 4 holes, 1710-1716', 6 holes.  
 8/13/83 - R/U HOWCO. Pumped 500 gals. MCA, 15% acid. Brokedown Injun at 1400#.  
 Treated at 16.8 bbls. per minute. ATP 1732#. Total fluid 370 bbls. S/L fluid 300  
 bbls, 300 SCF N<sub>2</sub>/bbl. Total nitrogen 100,000 standard cubic feet, 30,000# 20/40  
 sand. Max. concentration 3#/gal. ISIP 1260#, 15 minutes 900#. Set wire line bridge  
 plug. Perforated Big Lime from 1552-1624', 19 holes.  
 8/14/83 - T/U HOWCO. Pumped 500 gals. 15% HCL. Brokedown Big Lime at 500#.  
 Treated at 18.5 bbls. per minute. ATP 2108#, 30,000# 20/40 sand, max.  
 concentration 3# per gal. Total fluid 370 bbls., including 3000 gals. 28% HCL  
 in treatment. S/L fluid 300 bbls. ISIP 1400#, 15 minutes 900#.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand	Yellow	Soft	0	50	
Sandy Shale	Dark	Hard	50	90	
Sand	Light	Hard	90	140	Fresh H <sub>2</sub> O @ 117' 1 bbl./hr.
Shaley Sand	Dark	Medium	140	200	
Shale	Dark	Medium	200	210	
Sand	Grey	Hard	210	389	H <sub>2</sub> O test, 1½ bbl./hr. @ 358'
Coal	Black	Soft	389	393	
Shaley Sand	Dark	Soft	393	515	Set 8-5/8" casing on pkr. @ 475'
Sand	Light	Medium	515	560	
Shale	Dark	Medium	560	570	
Sand	Light	Medium	570	580	
Shale	Dark	Soft	580	605	
Sand	Light	Medium	605	645	
Sandy Shale	Dark	Medium	645	740	
Sand	Light	Medium	740	770	
Shale	Dark	Soft	770	910	
Sand	Light	Medium	910	995	
Sandy Shale	Dark	Medium	995	1055	
Sand	Light	Hard	1055	1075	Salt H <sub>2</sub> O @ 1065' --Hole filled up
Shale	Dark	Soft	1075	1110	
Sand	White	Hard	1110	1193	Salt H <sub>2</sub> O @ 1120 and 1188'
Lime	Black	Hard	1193	1215	
Shale (limey)	Dark	Soft	1215	1320	
Sand	Light	Hard	1320	1360	
Shale	Red	Soft	1360	1372	
Sand	Light	Hard	1372	1415	
Shale	Grey	Medium	1415	1425	
Maxton Sand	White	Hard	1425	1490	
Little Lime	Grey	Hard	1490	1540	
Big Lime	White	Hard	1540	1688	Oil & Gas @1583, oil 1½ bbls/hr. Gas 20 Mcf/d, s/oil @ 1596, set 7" @ 1617, gas @ 1624 - 117 Mcf, test @ 1649 - 65 Mcf, s/oil @ 1691 1 gal/hr
Shale	Red	Soft	1688	1693	
Injun	Grey	Medium	1693	1720	
Shale	Dark	Soft	1720	2220	Test @ 1886 - 37 Mcf
Sunbury Shale	Black	Soft	2220	2245	Test @ 2228 - 33 Mcf
Berea (Shaley)	Grey	Medium	2245	2336	Test @ 2317 - 29 Mcf
Shale	Brown	Soft	2336	2436	

(Attach separate sheets as necessary)

CABOT OIL & GAS CORPORATION OF WEST VIRGINIA  
Well Operator

By: Robert E. Howell

Date: August 23, 1983

11/10/2023

Note: Regulation 2.02(i) provides as follows:  
 "The term 'log' or 'well log' shall mean a systematic  
 detailed geological record of all formations, including  
 all, encountered in the drilling of a well."

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

7/27/83 - Plugged back from shale. Set cal-seal plug on bridge @2436'  
 8/11/83 - Perforated Injun 1694-1698', 4 holes, 1710-1716', 6 holes.  
 8/13/83 - R/U HOWCO. Pumped 500 gals. MCA, 15% acid. Brokedown Injun at 1400#.  
 Treated at 16.8 bbls. per minute. ATP 1732#. Total fluid 370 bbls. S/L fluid 300  
 bbls, 300 SCF N<sub>2</sub>/bbl. Total nitrogen 100,000 standard cubic feet, 30,000# 20/40  
 sand. Max. concentration 3#/gal. ISIP 1260#, 15 minutes 900#. Set wire line bridge  
 plug. Perforated Big Lime from 1552-1624', 19 holes.  
 8/14/83 - T/U HOWCO. Pumped 500 gals. 15% HCL. Brokedown Big Lime at 500#.  
 Treated at 18.5 bbls. per minute. ATP 2108#, 30,000# 20/40 sand, max.  
 concentration 3# per gal. Total fluid 370 bbls., including 3000 gals. 28% HCL  
 in treatment. S/L fluid 300 bbls. ISIP 1400#, 15 minutes 900#.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand	Yellow	Soft	0	50	
Sandy Shale	Dark	Hard	50	90	
Sand	Light	Hard	90	140	Fresh H <sub>2</sub> O @ 117' 1 bbl./hr.
Shaley Sand	Dark	Medium	140	200	
Shale	Dark	Medium	200	210	
Sand	Grey	Hard	210	389	H <sub>2</sub> O test, 1½ bbl./hr. @ 358'
Coal	Black	Soft	389	393	
Shaley Sand	Dark	Soft	393	515	Set 8-5/8" casing on pkr. @ 475'
Sand	Light	Medium	515	560	
Shale	Dark	Medium	560	570	
Sand	Light	Medium	570	580	
Shale	Dark	Soft	580	605	
Sand	Light	Medium	605	645	
Sandy Shale	Dark	Medium	645	740	
Sand	Light	Medium	740	770	
Shale	Dark	Soft	770	910	
Sand	Light	Medium	910	995	
Sandy Shale	Dark	Medium	995	1055	
Sand	Light	Hard	1055	1075	Salt H <sub>2</sub> O @ 1065' --Hole filled up
Shale	Dark	Soft	1075	1110	
Sand	White	Hard	1110	1193	Salt H <sub>2</sub> O @ 1120 and 1188'
Lime	Black	Hard	1193	1215	
Shale (limey)	Dark	Soft	1215	1320	
Sand	Light	Hard	1320	1360	
Shale	Red	Soft	1360	1372	
Sand	Light	Hard	1372	1415	
Shale	Grey	Medium	1415	1425	
Maxton Sand	White	Hard	1425	1490	
Little Lime	Grey	Hard	1490	1540	
Big Lime	White	Hard	1540	1688	Oil & Gas @1583, oil 1½ bbls/hr. Gas 20 Mcf/d, s/oil @ 1596, set 7" @ 1617, gas @ 1624 - 117 Mcf, test @ 1649 - 65 Mcf, s/oil @ 1691 1 gal/h
Shale	Red	Soft	1688	1693	
Injun	Grey	Medium	1693	1720	
Shale	Dark	Soft	1720	2220	Test @ 1886 - 37 Mcf
Sunbury Shale	Black	Soft	2220	2245	Test @ 2228 - 33 Mcf
Berea (Shaley)	Grey	Medium	2245	2336	Test @ 2317 - 29 Mcf
Shale	Brown	Soft	2336	2436	

(Attach separate sheets as necessary)

CABOT OIL & GAS CORPORATION OF WEST VIRGINIA  
Well Operator

By: Robert E. Howell

Date: September 14, 1983

11/10/2023

Note: Regulation 2.02(i) provides as follows:  
 "The term 'log' or 'well log' shall mean a systematic  
 detailed geological record of all formations, including  
 coal, encountered in the drilling of a well."

RECEIVED

SEP 16 1983



IV-35 (Rev 8-81)

OIL & GAS DIVISION State of West Virginia DEPT. OF MINES Department of Mines Oil and Gas Division

Date August 23, 1983 Operator's Well No. #1 Farm Nile Bartram API No. 47 - 099 - 723 REC

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil x / Gas / Liquid Injection / Waste Disposal / (If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 974' G.L. Watershed West Fork of 12' Pole Creek District: Lincoln County Wayne Quadrangle Naugatuck

COMPANY Cabot Oil & Gas Corporation of WV ADDRESS P.O. Box 628, Charleston, WV 25322 DESIGNATED AGENT Robert E. Horrell ADDRESS P.O. Box 628, Charleston, WV 25322 SURFACE OWNER "See attached sheet" ADDRESS MINERAL RIGHTS OWNER "See attached sheet" ADDRESS OIL AND GAS INSPECTOR FOR THIS WORK Kenneth Butcher ADDRESS RFD #1 Barboursville, WV 25504 PERMIT ISSUED July 14, 1983 DRILLING COMMENCED 7/26/83 DRILLING COMPLETED 8/23/83 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2-3/8, and Liners used.

GEOLOGICAL TARGET FORMATION Big Lime/Injun Depth 1540-1688 1693-1720 feet Depth of completed well 2436 feet Rotary / Cable Tools x Water strata depth: Fresh 117 feet; Salt 1065, 1120 feet Coal seam depths: 389' [60"] Is coal being mined in the area? No

OPEN FLOW DATA Producing formation Big Lime/Injun Pay zone depth 1552-1624 1694-1716 feet Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 9 Bbl/d In-line Final test 65 Mcf/d @40 psig Final open flow 20 Bbl/d Time of open flow between initial and final tests hours Static rock pressure 460 psig (surface measurement) after 24 hours shut in (If applicable due to multiple completion--)

Wayne 723, Rec



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	Light	Hard	1386	1427	Water	1436	Stood 400'
Shell	Light	Hard	1427	1436			
Sand	Light	Hard	1436	1476	Hole caving	1447-1481	
Lime	Dark	Hard	1476	1493	Water	1510	400' in hole
Big Lime	White	Hard	1493	1588			
					Ran 7" csg. on midget pkr. @ 1522		
					Gas & oil 1583		Oil 1 1/2 blr./hr.
							Gas 44/10 W 5/8" 20.3 M
					Oil did not exhaust on next 7 tours		
					Gas test 1588		20/10 W 3/8" 4.9 M
					Pulled 7" casing.		
					Reamed hole 1522 to 1588.		
Big Lime	Light	Hard	1588	1594			Resumed drilling in 8" hole.
					Ran 7" csg. @ 1594 on shoe & anchor		
					pk. set 81' off bottom.		
					gas tested		46/10 W 3/8" 3.3 M
					Packer did not hold		
					Pulled 7" casing		
					Ran 7" casing @ 1594 on		BH pkr. with
Big Lime	White	Hard	1594	1596	anchor pkr. set 84' off		bottom.
Big Lime	White	Hard	1596	1610	Oil	1596	20 gal. in 4 hrs.
					Pulled 7" casing - will ream hole		
					Reamed hole to 1610.		
Big Lime	White	Hard	1610	1612			
					Reran 7" casing @ 1612 on bottom		
					hole packer with anchor packer set 101'		
					above.		
					Bailed out water.		
Big Lime	White	Hard	1612	1615			
					At 1615, found that packers did not		
					seal off oil.		
Big Lime	White	Hard	1615	1617			
					Pulled casing & reamed hole 1612-17.		
					Ran 7" casing at 1617 after dumping 8		
					sacks of cement in hole.		
					7" x 8-5/8" screw casing anchor packer		
					set at 1512 to 1515.		
Big Lime	White	Hard	1617	1623			
					After drilling to 1623, well was tested		
					for water - casing still leaking.		
					Cemented in 7" casing with 20 sacks		
					cement.		
					Estimated 150' of cement behind 7"		
					(1617-1467).		
					Estimated Aqua Gel 1467-1325.		
					Gas	1624	14/10 W 2" 117 M
					Test	1628	100/10 W 1" 78 M
					Test	1630	78/10 W 1" 69 M
					Test	1649	69/10 W 1" 65 M
					Oil also found just below casing -		
					probably with gas - about 1 gal./hr.		
Big Lime	White	Hard	1649	1693	Oil	1691	Show, 1 gal./hr.
McCrary	Red	Med.	1693	1715	Test	1679	44/10 W 1" 52 M
Big Injun	Gray	Med.	1715	1740			
Slate	Dark	Soft	1740	1758	Test	1747	30/10 W 1" 43 M
Lime Shell	Dark	Hard	1758	1767			
Slate	Dark	Soft	1767	1789			
Lime Shell	Light	Hard	1789	1797			
Slate	Dark	Soft	1797	1829			
Slate & Shell	Light	Med.	1829	1886	Test	1886	22/10 W 1" 36.7 M
Slate & Shell	Dark	Med.	1886	1943			
Slate	Light	Soft	1943	2020			
Slate & Shells	Light	Soft	2020	2108			
Slate & Shells	Dark	Soft	2108	2156			
Slate & Shells	Light	Soft	2156	2218			
Shale	Dark	Soft	2218	2228	Test	2228	18/10 W 1" 33.2 M
Slate & Shells	Dark	Med.	2228	2246			
Shell	Dark	Hard	2246	2251	Test	2251	14/10 W 1" 29 M
Berea Sand	Light	Hard	2251	2319			

Date November 30, 1950

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By A. H. Smith  
A. H. Smith (Title) Geologist



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. Wayne-723

2202/01/11

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT

Address P. O. Box 4156, Charleston 4, W. Va.

Farm Nile Bartram

Location (waters) Nile Bartram

Well No. 1 (Serial No. 801)

Elev. 974.1

District Lincoln

County Wayne

The surface of tract is owned in fee by

Address

Mineral rights are owned by Nile Bartram & Chesley A.

Address Ashland, Kentucky

Drilling commenced 8-15-50

Drilling completed 11-14-50

Date Shot 11-16-50

From 2375 To 3525

Liners Used

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 16

Perf. top 16

Perf. bottom 18

Perf. top 10

Perf. bottom 8%

Perf. top 475'

Depth set 1617'

Size of 7" x 8-5/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 16

Perf. top 16

Perf. bottom 18

Perf. top 10

Perf. bottom 8%

Perf. top 475'

Depth set 1617'

Size of 7" x 8-5/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 16

Perf. top 16

Perf. bottom 18

Perf. top 10

Perf. bottom 8%

Perf. top 475'

Depth set 1617'

Size of 7" x 8-5/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 16

Perf. top 16

Perf. bottom 18

Perf. top 10

Perf. bottom 8%

Perf. top 475'

Depth set 1617'

Size of 7" x 8-5/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 16

Perf. top 16

Perf. bottom 18

Perf. top 10

Perf. bottom 8%

Perf. top 475'

Depth set 1617'

Size of 7" x 8-5/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 16

Perf. top 16

Perf. bottom 18

Perf. top 10

Perf. bottom 8%

Perf. top 475'

Depth set 1617'

Size of 7" x 8-5/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 16

Perf. top 16

Perf. bottom 18

Perf. top 10

Perf. bottom 8%

Perf. top 475'

Depth set 1617'

Size of 7" x 8-5/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 16

Perf. top 16

Perf. bottom 18

Perf. top 10

Perf. bottom 8%

Perf. top 475'

Depth set 1617'

Size of 7" x 8-5/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 16

Perf. top 16

Perf. bottom 18

Perf. top 10

Perf. bottom 8%

Perf. top 475'

Depth set 1617'

Size of 7" x 8-5/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 16

Perf. top 16

Perf. bottom 18

Perf. top 10

Perf. bottom 8%

Perf. top 475'

Depth set 1617'

Size of 7" x 8-5/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"

Left in Well

Used in Drilling

Casing and Tubing

Size 2

Perf. top 3

Perf. bottom 5 3/16

Perf. top 2309'

Depth set 2302-2306

Size of 3 1/2" x 6-1/8"

01 Well Hook Wall

Kind of Packer 1512-1515

Screw casing Anchor 7" x 8-5/8"





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. Wayne-723

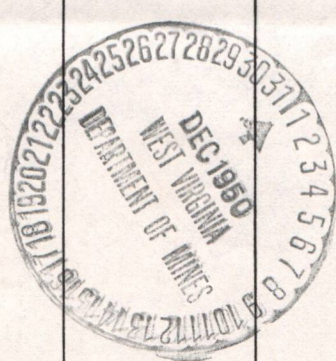
Oil or Gas Well Gas  
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address \_\_\_\_\_  
Farm Nile Bartram Acres \_\_\_\_\_  
Location (waters) \_\_\_\_\_  
Well No. 1 (Serial No. 801) Elev. \_\_\_\_\_  
District Lincoln County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced \_\_\_\_\_  
Drilling completed \_\_\_\_\_  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /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 _____
18			
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 \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Broken Sand	Light	Med.	2319	2335	Test	2317	14/10 W 1" 29 M
Slate	Dark	Soft	2335	2347			
Shale	Brown	Soft	2347	2405			
Slate	Dark	Soft	2405	2420			
Shell	Light	Med.	2420	2425			
Slate	Dark	Soft	2425	2445			
Slate	Light	Soft	2445	2564	Test	2514	13/10 W 1" 28 M
Shell	Dark	Med.	2564	2568	Test	2554	10/10 W 1" 24.7 M
Slate	Light	Soft	2568	2733	Test	2733	8/10 W 1" 22 M
Slate	Dark	Soft	2733	2753			
Slate	Light	Soft	2753	2799			
Slate	Dark	Soft	2799	2830	Test	2830	7/10 W 1" 20.7 M
Slate	Light	Soft	2830	2917	1/2 bbl. oil in hole when starting up		
Slate	Dark	Soft	2917	2936	on Monday (24 hrs.)		
Slate	Light	Soft	2936	2953	Test	2908	7/10 W 1" 20.7 M
Brown Shale	Brown	Soft	2953	3098	Gas (?)	2988	9/10 W 1" 23.5 M
Shell & Slate	Light	Med.	3098	3110			
Brown Shale	Brown	Soft	3110	3206	Test	3177	8/10 W 1" 22.1 M
Slate	Light	Soft	3206	3452	Gas (?)	3191	10/10 W 1" 24.7 M
Brown Shale	Brown	Soft	3452	3524	Hole caving	3216 to 3238	
Corniferous lm.	Dark	Hard	3524	3526			
Total Depth				3526	Test	3349	8/10 W 1" 22 M
					Test	3526	same
					Test before shot		7/10 W 1" 21 M
					Test after shot:		
					1 hr.		10/10 M 2" 366 M
					18 hrs.		7/10 W 2" 83 M
					Test before tubing		10/10/2023 79 M
					" after "		
					Br. Shale		40/10 W 1" 50 M
					Big Lime		7/10 W 1" 21 M
					Set tubing @ 2306 on HW packer		
					Tubing is 2'10" above derrick floor.		
					Derrick floor is 2' above ground.		





[08-78]

NOTICE OF INTENTION TO PLUG AND ABANDON A WELL

Operator's  
Well No. Nile Bartram #1

API Well No. 47 - 099 - 723  
State County Permi

WELL TYPE: Oil XX / Gas      / Liquid Injection      / Waste Disposal       
(If "Gas", Production      / Underground storage      / Deep      / Shallow      /)

LOCATION: Elevation: 974' Watershed: Spruce Fork

District: Lincoln County: Wayne Quadrangle: Naugatuck

WELL OPERATOR Cabot Oil & Gas Corp. of W.Va.  
Address P.O. Box 628  
Charleston, WV 25322

DESIGNATED AGENT Robert E. Horrell  
Address P.O. Box 628  
Charleston, WV 25322

ROYALTY OWNER 811 Madison Ave., Toledo, OH 25322  
Address Owens-Illinois, Inc.  
P.O. Box 1035, Toledo, OH 43601

COAL OPERATOR NO OPERATED  
Address     

ACREAGE       
SURFACE OWNER State of W.Va., Public Land Corp.  
Address Attn: Jim Jones, Bldg 3, Rm 713  
1800 Washington St. E, Chas., WV 25305

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name State of W.Va., Public Land Corp.  
Address Attn: Jim Jones, Bldg 3, Rm 713  
1800 Washington St. E, Chas, WV  
25305

FIELD SALE (IF MADE) TO:

Name       
Address     

Name       
Address     

COAL LESSEE WITH DECLARATION ON RECORD  
Name       
Address     

**RECEIVED**  
MAY 9 - 1983  
OIL & GAS DIVISION  
DEPT. OF MINES

plug back and rework upper horizon in  
The undersigned proposes to ~~plug and abandon~~ ~~clean out and replug~~ the above described well, commencing on the date the Oil and Gas Inspector is notified, it being understood that the date of such notification shall not be less than five days after the day on which this Form IV-4 is received or in due course should be received by the Department of Mines.

The method of plugging is planned as shown on the work order on the reverse side hereof.

This Notice is given to the Department and the others specified above, so that they or their representatives may be present at the plugging and filling of said well. However, whether they are represented or not, the undersigned will proceed on that date, or as soon thereafter as convenient, to plug or clean out and replug said well by the applicable method specified in Code § 22-4-10 and given in detail on the reverse hereof.

This notice has been or is being this day sent by registered or certified mail to each party named at the address above listed.

THIS PARTIAL PLUGGING PERMIT APPROVED  
ON 14th DAY OF May 1983.....

Michael Lewis

CABOT OIL & GAS CORPORATION OF WEST VIRGINIA  
Name of Person Giving Notice\*

By Robert E. Horrell  
Its District Production Superintendent

\* Address (if not set forth above)  
P.O. Box 628  
Charleston, WV 25322

11/10/2023

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-4 must be filed with the Department, accompanied by (i) a plat required by Regulation 8.01 in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security required by Code § 22-4-9, (iii) the fee required by Code § 22-4-12a, and (iv) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23.

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

DRILLING WAIVER

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

11/10/2023

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_

JUN 21 1983



1) Date: June 16, 19 83  
2) Operator's Well No. Nile Bartram #1  
3) API Well No. 47 State 099 County 723 - REC. Permit

DRILLING CONTRACTOR:  
UNKNOWN

OIL & GAS DIVISION  
DEPT. OF MINES  
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil XX / Gas / B (If "Gas", Production / Underground storage / Deep / Shallow)
5) LOCATION: Elevation: 974' Watershed: Spruce Fork District: Lincoln County: Wayne Quadrangle: Naugatuck
6) WELL OPERATOR Cabot Oil & Gas Corp. of W.Va. 11) DESIGNATED AGENT Robert E. Horrell
7) OIL & GAS ROYALTY OWNER 811 Madison Ave., Toledo, OH 12) COAL OPERATOR NOT OPERATED
8) SURFACE OWNER Mrs. June Bartram Name St. of W.Va. Public Land Corp.
9) FIELD SALE (IF MADE) TO:
10) OIL & GAS INSPECTOR TO BE NOTIFIED Name Kenneth Butcher
15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate
16) GEOLOGICAL TARGET FORMATION, Big Lime
17) Estimated depth of completed well, 1700 feet
18) Approximate water strata depths: Fresh, 117, 358 feet; salt, feet.
19) Approximate coal seam depths: Is coal being mined in the area? Yes / No

20) CASING AND TUBING PROGRAM WORKOVER

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft., New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, Perforations: Top, Bottom)

21) EXTRACTION RIGHTS

Check and provide one of the following:
[X] Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
[ ] The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes [ ] No [X]

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Lorne Miller My Commission Expires March 5, 1989

Signed: Robert E. Horrell Its: District Production Superintendent

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-099-0723-REC. July 14 19 83 Date 11/10/2023

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires XMAK July 14, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence.

Table with columns: Bond, Agent, Plat, Casing, Fee

Signature: Michael Lewis Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

File



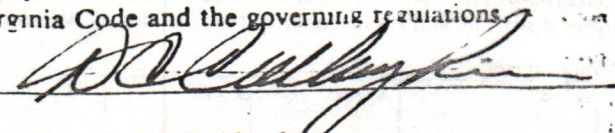
**Line Item Explanation**

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

**WAIVER**

The undersigned coal operator \_\_\_\_\_ Owner  \_\_\_\_\_ of the coal under this permit has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.



Date: May 20, 19 83

By David C. Callaghan  
Secretary of the Public Land Corporation



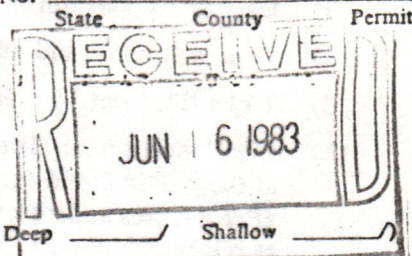
1) Date: April 27, 1983  
 2) Operator's Well No. Nile Bartram #1  
 3) API Well No. 47 099 723

DRILLING CONTRACTOR:

UNKNOWN

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

OIL AND GAS WELL PERMIT APPLICATION



- 4) WELL TYPE: A Oil XX / Gas \_\_\_\_\_  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_)
- 5) LOCATION: Elevation: 974' Watershed: Spruce Fork  
 District: Lincoln County: Wayne Quadrangle: Naugatuck
- 6) WELL OPERATOR Cabot Oil & Gas Corp. of W.Va. 11) DESIGNATED AGENT Robert E. Horrell  
 Address P.O. Box 628 Address P.O. Box 628  
Charleston, WV 25322 Charleston, WV 25322
- 7) OIL & GAS ROYALTY OWNER Libby-Owens Ford Co. 12) COAL OPERATOR NOT OPERATED  
 Address Toledo, OH 43624 Address \_\_\_\_\_  
Owens-Illinois, Inc.
- 8) SURFACE OWNER St. of W.Va. Public Land Corp. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Attn: Jim Jones, Bldg 3, Rm 713 Name St. of W.Va. Public Land Corp.  
1800 Washington St. E., Chas., WV 25305 Address 1800 Washington St. E., Chas., WV  
 Acreage \_\_\_\_\_ Name \_\_\_\_\_ 25305  
 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Kenneth Butcher  
 Address RFD #1  
Barboursville, WV 25504
- 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 15) PROPOSED WORK: Drill \_\_\_\_\_ / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate \_\_\_\_\_  
 Plug off old formation XX / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) Abandon Brown Shale - Plug back to Big Lime
- 16) GEOLOGICAL TARGET FORMATION, Big Lime
- 17) Estimated depth of completed well, 1700 feet
- 18) Approximate water strata depths: Fresh, 117, 358 feet; salt, \_\_\_\_\_ feet.
- 19) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No \_\_\_\_\_

20) CASING AND TUBING PROGRAM WORKOVER

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh water	<u>8-5/8"</u>					<u>PRESENT</u>	<u>475'</u>	<u>on packer</u>		
Coal						<u>PRESENT</u>	<u>1617'</u>	<u>on packer</u>		
Intermediate	<u>7"</u>									
Production										<u>Depths set</u>
Tubing	<u>3"</u>					<u>PULL</u>	<u>2309'</u>	<u>Hookwall @</u>		<u>2302'</u>
Liners										<u>Perforations:</u>
	<u>2-3/8"</u>					<u>PROPOSED</u>	<u>1700'</u>		<u>Top</u>	<u>Bottom</u>

21) EXTRACTION RIGHTS

Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: \_\_\_\_\_  
 My Commission Expires \_\_\_\_\_

Signed: Robert E. Horrell  
 Its: District Production Superintendent

OFFICE USE ONLY  
DRILLING PERMIT

Permit number: \_\_\_\_\_

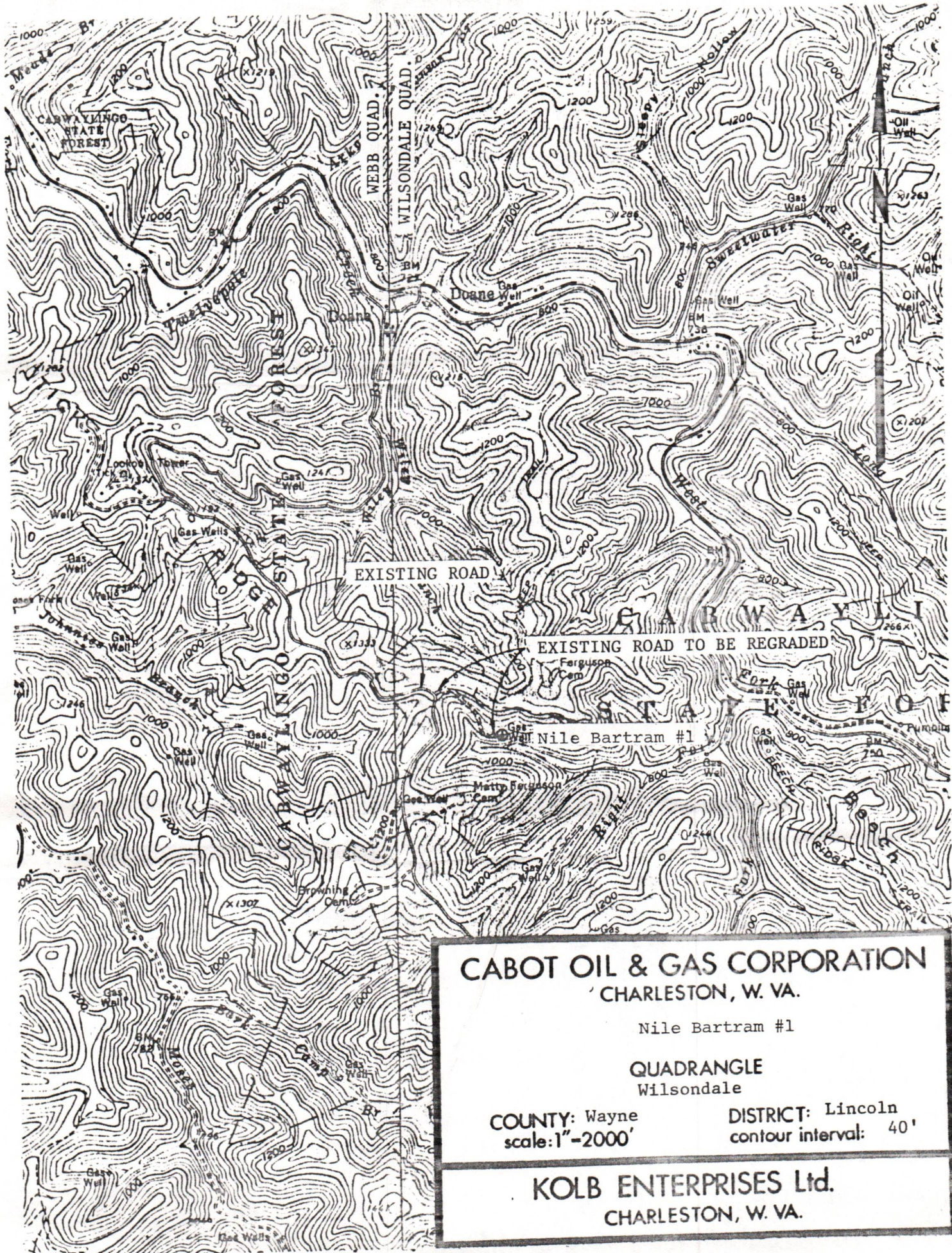
Date 11/10/2023

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires \_\_\_\_\_ unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	rec
-------	--------	-------	--------	-----

Administrator, Office of Oil and Gas



**CABOT OIL & GAS CORPORATION**  
CHARLESTON, W. VA.

Nile Bartram #1

**QUADRANGLE**  
Wilsondale

COUNTY: Wayne  
scale: 1"=2000'

DISTRICT: Lincoln  
contour interval: 40'

**KOLB ENTERPRISES Ltd.**  
CHARLESTON, W. VA.

RECEIVED

FORM IV-38

[08-78]

OCT 26 1983

Date: October 20, 1983

Operator's Well No. Nile Bartram #1

API Well No. 47 - 099 - 723 State County Permi

OIL & GAS DIVISION STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil X / Gas / Liquid Injection / Waste Disposal (If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 974' G.L. Watershed: West Fork of 12 Pole Creek District: Lincoln County: Wayne Quadrangle: Naugatuck

WELL OPERATOR Cabot Oil & Gas Corporation of WV Address P.O. Box 628 Charleston, West Virginia 25322

DESIGNATED AGENT Robert E. Horrell Address P.O. Box 628 Charleston, West Virginia 25322

STATE OF WEST VIRGINIA, ) COUNTY OF KANAWHA ) SS:

Gene McClure and Mark McCormick

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; that they were employed by Cabot Oil & Gas Corp. of WV the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on July 26, 1983, and completed on August 23, 1983, in the following manner:

PERMITTED WORK: Plug and abandon / Clean out and replug /

\*NOTE: THIS WELL WAS PLUGGED BACK FROM THE SHALE AND RECOMPLETED IN THE BIG LIME & INJUN.

PLUGGING MATERIALS

Table with 4 columns: Type of Cement, Other Materials, Depth, Thickness. Row 1: Clay and, 2436', 24'. Row 2: Calseal.

Bridge Plugs Used--Type and Depth

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST

TYPE OF RIG:

Owner: Well Op'r / Contractor X /

Rig time: days plus hours

COAL SEAMS (NAMES AND DEPTHS)

DESCRIPTION OF WELL MONUMENT

Gene McClure (SEAL) Mark A. McCormick (SEAL)

11/10/2023

Subscribed and sworn to before me this

24th day of October, 1983.

My commission expires March 5, 1989.

Loene Miller Notary Public

RECEIVED

DEPT. OF MINES  
OR & GEOLOGICAL



11/10/2023

*[Faint handwritten text]*

*[Faint handwritten text]*

*[Faint handwritten text]*

B-11



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

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

March 7, 1984

Cabot Oil & Gas Corporation  
P. O. Box 628  
Charleston, W. Va. 25322

In Re: PERMIT NO: 47-099-0723-REC-P  
FARM: Nile Bartram  
WELL NO: 1  
DISTRICT: Lincoln  
COUNTY: Wayne  
ISSUED: July 14, 1983

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

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

       Please return the enclosed cancelled single 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.

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

Very truly yours,

Theodore M. Streit, Administrator  
Office of Oil & Gas - Dept. Mines

B-12

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

RECEIVED

FEB 14 1984

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 099-0723 REC -P County Wayne/Lincoln  
Company Cabot Oil & Gas Corp. of WV Farm Nile Bartram  
Inspector ARTHUR ST. CLAIR Well No. 1  
Date September 20, 1983

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____✓	_____
23.04	Reclaimed Drilling Pits	_____✓	_____
23.05	No surface or underground Pollution	_____✓	_____
7.03	Identification Markings	_____✓	_____

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

2-8-84

SIGNED: Jerry Holcomb

11/10/2023

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

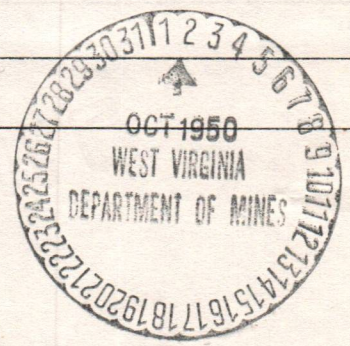
Permit No. Way-723

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Quinn Libbey Quinn Gas Co</u>	Size			
<u>P.O. Box 4158, Charleston W.V.</u>	16			Kind of Packer _____
<u>Wiley Bartram</u>	13			
<u>1-Sr-801</u>	10			Size of _____
District <u>Lincoln</u> County <u>Wayne</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
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 _____ SIZE _____ No. FT. _____ Date _____			
Oil <u>16</u> bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Burgess Mills - Walter Lowe

Remarks: 16 bbl. oil on Big Line.



9/25/50  
DATE

O.C. Allen  
DISTRICT WELL INSPECTOR





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

RECEIVED  
SEP 28 1983

FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 099-0723 REC  
Company Cabot Oil & Gas Corp. of WV  
Inspector ARTHUR ST. CLAIR  
Date September 20, 1983

County Wayne/Lincoln  
Farm Nile Bartram  
Well No. 1

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to prevent waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strength	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.03	Reclaimed Drilling Site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.05	No surface or underground Pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.03	Identification Markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>

COMMENTS:

*all conditions in compliance  
only the condition timbering work  
in area - 1 part of Access Road being  
used as logging Road*

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: \_\_\_\_\_

*Arthur St. Clair*

11/10/2023



**RECEIVED**  
MAR 31 1980

OIL & GAS DIVISION  
DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47-099-0723			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA		Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	NA feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Tug Fork Corporation Name P. O. Box 3711 Street Charleston City		WV State	25337 Zip Code N/A Seller Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	NA Field Name Wayne County		WV State	
(b) For OCS wells:	NA Area Name	NA Block Number	NA OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Nile Bartram		1-801	
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	NA			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Tennessee Gas Pipeline Company Name		018629 Buyer Code	
(b) Date of the contract:	081780 Mo. Day Yr.			
(c) Estimated annual production:	1.1 MMcf.			
	(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.)	2.404	324	0.0	2.728
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.404	324	0.0	2.728
9.0 Person responsible for this application:	Lawrence B. Mentzer Name Corporate Attorney Title			
Agency Use Only	Signature			
Date Received by Juris. Agency	Date Application is Completed			
MAR 21 1980	(304) 342-8166 Phone Number			
Date Received by FERC				

11/10/2023

ATTENDANTS:

CN

DATE: AUG 14 1980

BUYER-SELLER CODE

WELL OPERATOR: Tug Fork Corp.

NA

FIRST PURCHASER: Tennessee Gas Pipeline Co.

018629

OTHER: \_\_\_\_\_

U.S. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
200331-107-099-0723  
 See Above File Number on all Communications  
 Relating To Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- NO. \_\_\_\_\_
1. FERC-121  Items not completed - Line No. \_\_\_\_\_
  2. IV -1 Agent Lawrence B. Mentzer
  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 No Prod years \_\_\_\_\_
  8. IV-40 90 day Production \_\_\_\_\_ Days off line: \_\_\_\_\_
  9. IV-48 Application for certification. Complete?
  7. IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? \_\_\_\_\_ AFFIDAVIT SIGNED? \_\_\_\_\_
  8. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_
- Structure Map \_\_\_\_\_ 1:4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
 Gas Analyses \_\_\_\_\_
- 5) Date commenced: 8/15/50 Date completed 11/18/50 Deepened \_\_\_\_\_
  - 5) Production Depth: 2953/3098;
  - 5) Production Formation: Br. Shale;
  - 5) Final Open Flow: 71 mced
  - 5) After Free. R.P. 300#
  - 6) Other Gas Test: \_\_\_\_\_
  - 7) Avg. Daily Gas from Annual Production: No Prod
  - 8) Avg. Daily Gas from 90-day ending w/1 - 120 days " "
  - 8) Line Pressure: None PSIG from Daily Report \_\_\_\_\_
  - 5) Oil Production: yes From Completion Report 1412; 1583; 1596; 1691
  - 6) Does lease inventory indicate enhanced recovery being done No
  - 6) Is affidavit signed?  Notarized?

Official well record with the Department confirm the submitted information? yes  
 Additional Information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_  
 Determination Objected to? \_\_\_\_\_ By Whom? \_\_\_\_\_

PL.

11/10/2023

MAR 3 1980

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

Date \_\_\_\_\_, 19\_\_\_\_  
Operator's Well No. 1-801  
API Well No. 47 - 099 - 0723  
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL  
NGPA Section 107

DESIGNATED AGENT Lawrence B. Mentzer

ADDRESS P. O. Box 3711

Charleston, W. Va. 25337

LOCATION: Elevation 974 ±

Watershed N/A

Dist. Lincoln County Wayne Quad. Naugatuck

WELL OPERATOR Tug Fork Corporation

ADDRESS P. O. Box 3711

Charleston, W. Va. 25337

GAS PURCHASER Tennessee Gas Pipeline Company

Gas Purchase Contract No. TF-1

ADDRESS P. O. Box 2511

Houston, Texas 77001

Meter Chart Code R0903

Date of Contract 08/17/80

\* \* \* \* \*

AFFIDAVIT

I, James O. Sayre, having been first sworn according to law, state that, the well is producing natural gas produced from the fractures, micropores and bedding planes of shales deposited during the Paleozoic Devonian Period as generally found in the subsurface of the Appalachian Basin and in the surface out crops around its periphery. For the purposes of this statement, Devonian shale is defined as that shale stratigraphic interval that lies between the base of the Mississippian Berea Sand or, if absent, that of the Osage Series, and the top of the Onondaga limestone formation or its chert equivalent, the top of the Huntersville group of carbonates. I have no knowledge of any information not included in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

James O. Sayre  
Geologist

STATE OF WEST VIRGINIA,  
COUNTY OF Kanawha, TO WIT:

I, Charlotte I. Mathews, a Notary Public in and for the state and county aforesaid, do certify that James O. Sayre, whose name is signed to the writing above, bearing date the 3rd day of March, 1980, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 3rd day of March, 1980

My term of office expires on the 5th day of December, 1985.

Charlotte I. Mathews  
Notary Public

[NOTARIAL SEAL]

11/10/2023

ELECTRIC LOGS

With reference to this well, please note that, at the time of the drilling hereof, neither electric logs nor the technology for logging were available. In lieu of actual electric logs on this well, we hereby refer to the gamma ray log and temperature log of the Caldwell & Colton Min. #20,289-T, Permit No. Wayne 1581. Our geologist(s) submit that these logs are representative of the area and shows the same or similar formations and structures as encountered in the well herein filed for.

Please refer to 107 Tug Fork well certification filing on Well No. 3-521, API No. 47-099-0019 for a copy of the said gamma ray and temperature logs applicable herein.

11/10/2023

MAY 25 1983

RECEIVED  
OIL & GAS DIVISION  
DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47- 099 - 0723			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA	N/A Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	N/A feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Cabot Oil & Gas Corporation of W.Va. Name P. O. Box 628 Street Charleston City		WV State	000728 Seller Code 25322 Zip Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Lincoln Field Name Wayne County		WV State	
(b) For OCS wells:	N/A Area Name Block Number Date of Lease: Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Nile Bartram 1-801			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	N/A			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Tennessee Gas Pipeline Company Name		018629 Buyer Code	
(b) Date of the contract:	0 8 1 7 7 9 Mo. Day Yr.			
(c) Estimated annual production:	1 MMcf.			
	(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.)	---	---	---	---
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	---	---	---	---
9.0 Person responsible for this application:	H. Baird Whitehead Name Regional Manager Drilling & Production Title <i>H. Baird Whitehead</i> Signature May 25, 1983 Date Application is Completed (304) 347-1600 Phone Number			
Agency Use Only				
Date Received by Juris. Agency	MAY 25 1983			
Date Received by FERC				

11/10/2023



PARTICIPANTS:

DATE: OCT 14 1983

BUYER-SELLER CO

WELL OPERATOR: Cabot Oil & Gas Corp. of W.Va.

000728

FIRST PURCHASER: Tennessee Gas Pipeline Co.

018629

OTHER: \_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
830525-108-099-0723  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121  Items not completed - Line No. All 7.0 + 8.0

2. IV-1 Agent  M. Baird Whitehead

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 1 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: 8-15-50 Date completed 11-14-50 Deepened

(5) Production Depth: 3191 1583-1624

(5) Production Formation: Brown Shale, Big Lime

(5) Final Open Flow: 71 MCF

(5) After Frac. R. P. 300# 46 hrs.

(6) Other Gas Test: \_\_\_\_\_

(7) Avg. Daily Gas from Annual Production: < 60 MCF

(8) Avg. Daily Gas from 90-day ending w/1-120 days < 60 MCF

(8) Line Pressure: 40#

(5) Oil Production: yes From Completion Report 1412-1596-1691 PSIG from Daily Report

-17. Does lease inventory indicate enhanced recovery being done NO

-17. Is affidavit signed?  Notarized?  11/10/2023

Does official well record with the Department confirm the submitted information? yes

Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_

Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

Date May 25 19 83

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

Operator's Well No. Nile Bartram 1-801  
API Well No. 47 - 099 - 0723  
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT H. Baird Whitehead

ADDRESS P. O. Box 628

Charleston, WV 25322

WELL OPERATOR Cabot Oil & Gas Corp. of WV

LOCATION: Elevation 974.1'

ADDRESS P. O. Box 628

Watershed N/A

Charleston, WV 25322

Dist. Lincoln County Wayne Quad. Naugatuck

GAS PURCHASER Tennessee Gas Pipeline Co.

Gas Purchase Contract No. GSC140

ADDRESS P. O. Box 2511

Meter Chart Code R0903001

Houston, TX 77001

Date of Contract 8/17/79

\* \* \* \* \*

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.)

STANDARD PRODUCTION EQUIPMENT

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

- Production Records and Royalty Payment Records - Houston, Texas
- Business and Occupation Tax and Ad Valorem Tax Records - Boston, Massachusetts
- Well Test Data and Drilling Records - Charleston, West Virginia

11/10/2023

Describe the search made of any records listed above:

A well by well review of production records, test data and drilling records was made by company personnel. When required for further substantiation, other records were examined.

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, H. Baird Whitehead, 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.

H. Baird Whitehead

STATE OF WEST VIRGINIA,  
COUNTY OF Kanawha, TO WIT:

I, Lorene Miller, a Notary Public in and for the state and county aforesaid, do certify that H. Baird Whitehead, whose name is signed to the writing above, bearing date the 25th day of May, 1983, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 25th day of May, 1983.  
My term of office expires on the 5th day of March, 1989.

11/10/2023

Lorene Miller  
Notary Public

Operator's Well No. Nile Bartram

API Well No. 47 - 099 - 0723  
State            County            Permit           

Previous File No. N/A  
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Cabot Oil & Gas Corp. of W. Va.

DESIGNATED AGENT H. Baird Whitehead

ADDRESS P. O. Box 628

ADDRESS P. O. Box 628

Charleston, WV 25322

Charleston, WV 25322

Gas Purchase Contract No. GSC140 and Date 8/17/79  
(Month, day and year)

Meter Chart Code R0903001

Name of First Purchaser Tennessee Gas Pipeline Company

P. O. Box 2511

Houston TX 77001  
(City) (State) (Zip Code)

FERC Seller Code 000728

FERC Buyer Code 018629

TYPE OF DETERMINATION BEING SOUGHT:

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

108 Section of NGPA  
N/A Category Code

H. Baird Whitehead Name (Print) Regional Manager Title  
H. Baird Whitehead Signature Drilling & Production Title

P. O. Box 628  
Street or P. O. Box  
Charleston WV 25322  
City State (Zip Code)  
(304) 347-1600  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

Copy sent to Purchaser by Certified Mail 565721 on May 25, 1983

(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

MAY 25 1983

Date received by Jurisdictional Agency           

By H. Baird Whitehead Director  
Title           

11/10/2023

IV-39-WC

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

ANNUAL REPORT OF MONTHLY PRODUCTION-198  
GAS VOLUMES IN MFC 14.73  
OIL IN BARRELS 60 DEGREES  
OPERATOR Cabot Oil & Gas Corp. 10 1 18

REPORT NO. CCA101P1 PG 00002  
CURRENT DATE - 5/20/83  
REPORT DATE -

API 47-99-0723 FARM 1 NILE BARTRAM #1		COUNTY: WAYNE		AVG. FLOW PRESSURE 40		SHUT-IN PRESSURE		TOTALS					
GAS MFC	<u>31</u>	<u>55</u>	<u>7</u>	<u>3</u>	<u>40</u>	<u>3</u>	<u>0</u>	<u>14</u>	<u>32</u>	<u>53</u>	<u>30</u>	<u>0</u>	<u>268</u>
OIL BBL	<u>APR '82</u>	<u>M</u>	<u>J</u>	<u>J</u>	<u>A</u>	<u>S</u>	<u>0</u>	<u>N</u>	<u>D</u>	<u>JAN '83</u>	<u>F</u>	<u>M</u>	<u>OIL</u>
DAYS ONLINE	<u>29</u>	<u>28</u>	<u>31</u>	<u>31</u>	<u>31</u>	<u>30</u>	<u>31</u>	<u>30</u>	<u>31</u>	<u>29</u>	<u>28</u>	<u>35</u>	<u>364</u>

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

11/10/2023

SURFACE OWNER

Mrs. June Bartram  
Route 4, 5404 Carmel Road  
Hillsboro, Ohio 45133

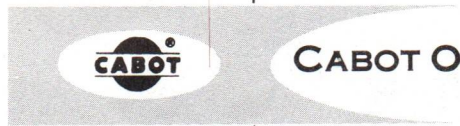
Mr. Chesley A. Lycan  
821 Rogers Court  
Ashland, Kentucky 45133

MINERAL OWNER

Libby-Owens Ford Co.  
811 Madison Avenue  
Toledo, Ohio 43624

Owens-Illinois, Inc.  
P.O. Box 1035  
Toledo, Ohio 43601

11/10/2023



CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

1100 CITY CENTER WEST  
POST OFFICE BOX 628  
CHARLESTON, W. VA. 25322  
TELEPHONE 304/347-1600

RECEIVED

OCT 26 1983

OIL & GAS DIVISION  
DEPT. OF MINES

October 20, 1983

Mr. Theodore M. Streit, Administrator  
Department of Mines  
Oil and Gas Division  
1615 Washington Street, East  
Charleston, West Virginia 25311

Dear Mr. Streit:

Attached is the Affidavit for Plugging and Filling Well for the Nile Bartram #1. Please note that this well was only plugged back from the Brown Shale and then recompleted in the Big Lime and Injun formations.

Sincerely,

*Robert E. Horrell*

Robert E. Horrell  
District Production Superintendent

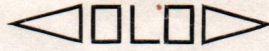
REH/ccc

Attachment

E-6

# OWENS, LIBBEY-OWENS GAS DEPARTMENT

CHARLESTON 4, WEST VIRGINIA



June 30, 1950

W. Va. Department of Mines  
Oil and Gas Division  
Charleston - 5 - W. Va.

Gentlemen:

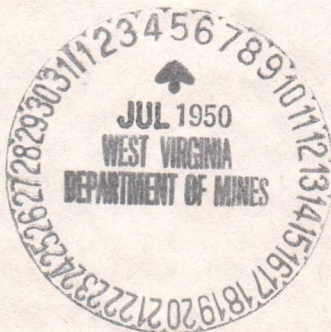
We are submitting Notice of Proposed Location of Oil and Gas Well requesting permission to drill a gas well on our Nile Bartram et al lease, situated in Lincoln District of Wayne County. This will be farm well No. 1 and OLO Serial No. 801. A plat showing the location of this well is also enclosed.

Will you please, therefore, issue us a permit to drill this well at your earliest convenience?

Yours very truly,

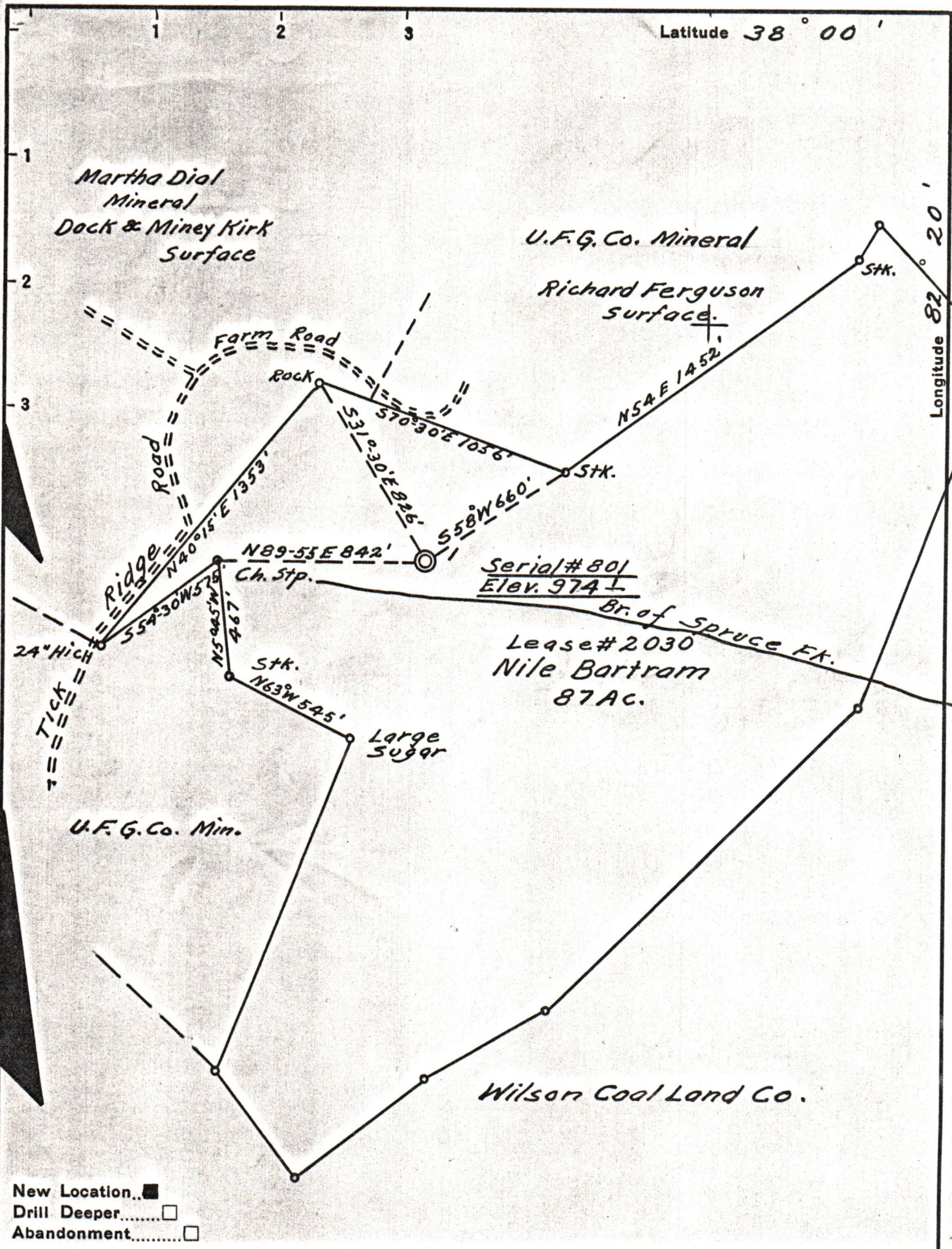
*T. S. Flournoy*  
T. S. Flournoy  
Chief Engineer

TSF:jt



11/10/2023





New Location..    
 Drill Deeper.....    
 Abandonment.....

Company C. Abot Oil & Gas of W. Va.   
 Address P.O. Box 628 Charleston W. Va. 25322   
 Farm Nile Bartram   
 Tract \_\_\_\_\_ Acres 87 Lease No. 2030   
 Well (Farm) No. 1 Serial No. 801   
 Elevation (Spirit Level) 974   
 Quadrangle Naugatuck 252.30"W 1.93"   
 County Wayne District Lincoln   
 Engineer T.S. Flournoy   
 Engineer's Registration No. 269   
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_   
 Date June 27, 1950 Scale 1" = 500'

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

**WELL LOCATION** 1110A2923   
 FILE NO. WAY-723 - Rec.

+ 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.

47-099

May-723-Rec