



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.

Charleston, W. Va.	
Nile Bartram & Chesley A. Lycan	OWENS, LIBBEY-OWENS GAS DEPARTMENT
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
P. O. Box 489, Ashland, Kentucky	P. O. Box 4158, Charleston - 4 - W. Va.
ADDRESS	COMPLETE ADDRESS
	June 30, , 1950
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
	Lincoln District
ADDRESS	District
same as above	Wayne County
OWNER OF MINERAL RIGHTS	7 (0- 15 002)
	Well No. 1 (Sr. No. 801) 82°20
ADDRESS	Nile Bartram Farm
GENTLEMEN:	Farm
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 cas	se may he) under grant or lesse dated
March 11, 1940	11 Mile Dentmen of -1
Owens-Illinois Glass Co. & Libbey-Owens	s-Ford Glass Co, and recorded on the 7th day
of November, 1946	, and recorded on the the day
	, in the office of the County Clerk for said County in
Book 34 , page 409 .	at engineer and shows the proposed location of a well
The undersigned well operator is informed and of coal beneath said farm or tract of land on which	d believes there are no coal operators operating beds said well is located, or within 500 feet of the bounds and filed their maps as required by law, excepting the
1 any) above named	as addressees.
the drilling of a well at said proposed location will calcoal mines, must be received by, or filed with the Department of this notice and accompanying plat by said that forms for use in making such objections will be no request and that all such objections must set forth	(if any) are notified that any objections they may hey are required to make by Section 3 of said Code, if ause a dangerous condition in or about their respective artment of Mines within ten* days from the receipt of Department. Said coal operators are further notified a furnished to them by the Department of Mines promptly as definitely as is reasonably possible the ground or the direction and distance the proposed location should
(The next paragraph is to be completed only	in Department's copy.)
Copies of this notice and the enclosed plat were	e mailed by registered mail, or delivered to the above
named coal operators or coal owners at their above	shown respective addressdaydayf this copy to the Department of Mines at Charleston,
	truly yours,
	OWENS, LIBBEY-OWENS GAS DEPARTMENT
MATON	OWENS, LIBBEY-OWENS GAS DEPARTMENT WELL OPERATOR
6345678	P. O. Box 4158
Address	STREET
Well Operator	Charleston - 4 - 11/10/202
WEDT VINCENIA CO	CITY OR TOWN
B HITMINNI W WITHOUT A	West Virginia
	STATE

*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.

JARRETT PRINTING COMPANY, CHARLESTON, W. VA.

WAY-723

STATE

PERMIT NUMBER



STATE OF WEST VINGINIA

DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL!

	To The Department of Money. Charleston, W. Va.
OWENS, ILLUSTY-OVENS ONE DEPARTMENT	Mile Partram & Chesley A. Lycan , cox. openator or coal owner
P. O. BOX LL53, CHARLESCON - L - W.Vs.	P. O. Box 689, ashland, Kentercky
FROPOSED LOCATION	COAL OPERATOR OR COAL OWNER
nerosola nistrati	ADDRESS
Yayne County	Sales as above
Well No. 1 (Sr. Mc. 801)	OWNER OF MINERAL RIGHTS
Nile Eartrem Farm	CENTRALINGEN:
drill upon the above named farm or tract of land for	The undersigned well operator to entitled to
Label manel was transport and your as	oil and gas, having fee title thereto, (or as the ca
doby Mile darbred et al.	March 11, 1946 ma
web off me behaves bus .00 ags 10 bron-s	Cano-Ascour & .on ssere stouttil-super
in the office of the County Clerk for said County in	of November, 1906
	Book 3L , page 409
nt engineer and shows the proposed location of a well operator on the farm and in the Magisterial District of courses and distances from two permanent points or	
d believes there are no coal operators operating beds said well is located, or within 500 feet of the bound. It is and filed their maps as required by law, excepting the	artes of the same, who have mapped their working coal operators or coal owners (if any) above named
(if any) are notified that any objections they may life are required to make by Section 3 of said Code, if cause a dangerous condition in or about their respective artened-of Mines within ten days from the receipt of Department. Said coal operators are intriner notified to them by the Department of Mines promptly as the reasonably possible the ground or as definitely as is reasonably possible the ground or the direction and distance the proposed location should	The abeve named coal operators or coal owners desire to make to such proposed location, or which if the drilling of a well at said proposed location will coal names, must be received by, or filed with the tlep a copy of this notice and accompanying plat by said that forms for use in making such objections will be on request and that all such objections must set both.
y in Department's copy.)	(The next paragraph is to be completed only
e mailed by registered mail, or delivered to the above shown respective address. day KKEKK this copy to the Department of Mines at Charleston.	named coal operators or coal owners at their share
truly yours,	
OVENS, LIEBEY- ONENS CASTERFUENT WELL OF FRATOR	
P. C. Box 1158	earthbA
Charleston - ii - norselasio	11/10/2023
sinighiv Jack	TOWN OF OUR ASSESSMENT

ten days from the receipt of said fielder and plat by the department of mines, within said period of ment shall forthwith issue to the well operator a diviling permit receiping the filing of such plat, that no objections have been made by the coal operators to the location of found thereto by the department, and that the same is approved and the well operator authorized to proceed to drillest said location.

TOTAL THE COMPANY, CHARLESTON, W. VA.

PERMIT VINGER

1)	Date of Application	2.
2)	Your well name and number	
3)	and the office of oil & gas	
4A)	"Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are pro-	a of gas
	after it leaves underground reservoirs: "Gas inteams an interest and i	
4B)	"Shallow well" means any well drilled and completed in a formation above the top of the uppermost men.	
	"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost rof the "Onondaga Group" or at a depth less then six thousand feet, whatever is shallower.	member
5)	Before a permit can be issued in a corporation, company partnership, or fictitious name, the name registered with the Secretary of State Office	must be
	Use separate sheet if necessary	
7)	Present surface owner at time application is filed.	140716
8)		
9)	Optional See Reg. 7.01 relating to code §22-4-1k	
11)	See Reg. 7.01 relating to code §22-4-1k "Coal Operator" means any persons, firm, partnership, partnership association or corporation that pro	poses to
12)	or does operate a coal mine. See Note 24	
13 & 14)		ag a well
15)	A separate Form IV-2 shall not be required for fracturing	h on the
	for which well will be completed	
16)		
17)	salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy wens controlled to the salt water, taken from heardy	rences in
18)	elevation	· Pri
19)	All coal seam depths Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.0	1, 15.01,
20)	Proposed casing program and cementing refer to 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04 Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the application of the following:	ent for a
21)	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 loc (2) The identification of all parties to all leases or other continuing contractual agreements by which 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, pr market the oil or gas is recorded; (4) A brief description of the royalty provisions of each such lease or contract.	the right
22)		ust be file
22)	Regulation 7.02 of the Department of Mines provides that the original and Your copies of the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond ed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-12b and Regulation 1V-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the curless previously paid on the same well applicable to the curless previously paid on the same well applicable to the curless previously paid on the same well applicable to the curless previously paid on the same well applicable to the curless previously paid on the same well applicable to the curless previously paid on th	on 23, (iv) consent re-
24	The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection to make or are required to make by Code \$22-4-3 must be filed with the Department of Mines within f days after the receipt of this Application by the Department.	fifteen (15)
	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.	· · ·
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amined th	icase of the coal under this well location, independent of the well location, independent of the well location, independent of the well location, provide the mine map. The undersigned has no objection to the well-proposed to be done at this location, provide the mine map. The undersigned has no objection to the west Virginia Code and the governing regulations	ed, the wei
operator !	the mine map. The undersigned has no objection to the West Virginia Code and the governing regulations has complied with all applicable requirements of the West Virginia Code and the governing regulations	
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1) =1e: May 20 . 19 83

y David C. Callaghan

Secretary of the Public Land Corporation

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Acreage	in Inches) COAL OWNER	(S) WITH DECLAR	ATION ON RECORI	D:
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ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Wilsondale

WELL SITE	- 100	⊕.	. 9
ACCESS RO	AD ==	===	==

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.

ND	
DRILLING PIT	
DIVERSION	
PROPOSED FENCE	
SPRING O=	
SLOPE OF LAND	
	DRILLING PIT EXISTING ROAD DIVERSION PROPOSED FENCE SPRING OPEN DITCH BUILDING CULVERT

SKETCH ATTACHED

	Location to be	tilted toward	s highwall	to divert	runoff	through sadi	mont
	Existing road (o be regraded.	drainage	shall be	provided	as required	by field
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		even and a second			LIDVETA V		

PAGE REF. MANUAL

DATE April 8, 1982 APR 18 1983

WELL NO. Nile Bartram #1

API NO. 47 - 099 - 723

DESIGNATED AGENT Robert Horrell COMPANY NAME Cabot 011 & Gas Corporation ADDRESS P.O. Box 628, Chas. WV 25322 TEPEPHONE 304-347-1600 ADDRESS P.O. Box 628 Chas. WV 25322 TELEPHONE 304-347-1600 SOIL CONS. DISTRICT Guyan SDC LANDOWNER (Agent) Company Contractor Revegetation to be carried out by___ SCD. All corrections This plan has been reviewed by and additions have become a part of this plan. (Date) (SCD Agent) LOCATION ACCESS ROAD STRUCTURE (A) STRUCTURE Ditch Relief Cross Drain APK MATERIAL SPACING Per Plan PAGE REF. MANUAL PAGE REF. MANUAL 2-1, 2-2, 2-3, 2-4 CIL & GAS DIVISION DEPT. OF MINES (2) STRUCTURE ____(B) STRUCTURE Culvert MATERIAL SPACING Per Plan PAGE REF. MANUAL PAGE REF. MANUAL 2-7, 2-8, 2-9 (3) STRUCTURE Sediment Barrier ____(C) STRUCTURE MATERIAL Straw Bales SPACING PAGE REF. MANUAL 2-16, 2-18

All structures should be inspected regularly and repaired if necessary. All commerical 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

	3 Tons/act
3 Tons/acre	or correct to pH 6.5
or correct to pH 6.5	500
500	(10-20-20 or equivalence
(10-20-20 or equivalent)	Mulch Hay or Straw @ 1½ Tons/act Seed* Ky 31 Tall Fescue 40 lbs/act 1bs/act
Mulch Hay or Straw (13) 1he/acre	
Seed* Ky 31 Tall Fescue 5 lbs/acre	Redtop CLOVER 2 1bs/ac
Redtop LAdino Chover 1 lbs/acre	man have been been been been been been been be
de l'Ally D	and clovers with the proper

*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 Kobert & Harrell

Cabot Oil and Gas Corporate

ADDRESS P.O. Box 628 11/10/2023

Charleston, WV 25322

PHONE NO. (304) 347-1600

APR 2 8 1983

Form OLO 45-500-4-45

OIL & GAS DIVISION
DEPT. OF MINES

A. D., 19_46, by and between	Nile Barti	am and U	mie Br	artram
his wife; Chesley A. Lyce	n and Opal	B. Lyca	n	his wife
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parties of the first part, LESSORS, and Company, Ohio corporations, doing but LESSEES.				
WITNESSETH: That the said One Dollar (\$1.00), to them in hand of which is hereby acknowledged, a part of the said parties of the second leased and let and by these presents part their successors and assigns, for gas and their by-products and laying land and other lands now or hereafter	well and truly nd the covenar l part to be pa do grant, dem the sole and o g pipe lines for	paid by the parts and agreed id, kept and ise, lease and only purpose taking and	parties of the second ements hereinafter performed, have d let unto the par of drilling and ope transporting gas	contained on the granted, demised, ties of the second erating for oil and and oil from this
ake care of and transport all of said	products, all th	at certain tra	act of land situated	l in Lincoln
District, Wayne Courbounded substantially as follows:	nty, West Virgi	nia, on the	waters of	
On the North by lands of	Huntington	Developmen	nt & Gas Co.	
On the East by lands of	Wilson Coal	L Land Co.		
On the South by lands of	Wilson Coal	Lana Co.		
On the West by lands of	Moses Marci	ım and Hun	tington Develop	ment & Gas Co.
containing 87 acres, more o			and conveyed to the	
and recorded in the office of the Clerk			VII ~ 1	
in Deed Book 195, Page, 311 pleet of the buildings now located on s	provided, howev	er, that no w	ell shall be drilled	
It is agreed that this lease shall re bereof, and as long thereafter as oil a of the second part.	emain in force	for a period o	f five ve	ears, from the dates
In consideration of the premises th	ne said parties	of the second	part covenant and	agree:

THIS LEASE AGREEMENT, made and entered into this _____/_

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 0/2023

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.

the responsibility	Selection with the selection of the sele
evart.	stened to the foregoing virules beering date the 11th day as Carrell 19
ir wante desta to the	this day acknowledged the same before me in my said county.
	Given under my band this 124 a cer of 2000 1940
	this lease shall extend to and be binding upon the heirs, executors, administrasigns of the parties hereto.
Witness the follow	ing signatures and seals: Chusley afgean[SEAL]
Witness:) Sing orft m	Wile Barrence [SEAL]
	annie Bartrampseal]
Million Section	11/1 <mark>6/202</mark>
	[SEAL] reknowledged the same before me in my said county.
(38) (5)	[LAES] under my hand this day of the tay commission expires on the day of

Notary Public.



CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

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



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 Horsell

REH/clh Enclosures

cc: file

CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

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



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 District Production

bert Etarrell.

Superintendent

REH/clh Enclosures

cc: Surface Owners Royalty Owners Coal Owner File



CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

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

Mr. Theodore M. Streit, Administrator State Department of Mines Oil & Gas Division 307 Jefferson Street Charleston, West Virginia 25311 August 24, 1983

AUG 26 1983

DEPT. GAS ONG

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:1vm

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

IV-3	35	
(Rev	8-81	



State of Mest Nirginia

Department of Mines Gil und Cas Division

Date	Aı	ıgus	st	23,	1983	3	
Opera	tor	's					
Well	No.		#	1			
Farm_	N:	ile	Ва	rtra	n		
API N	0	47		099		723	REC

OIL & GAS DIVISION
DEPT. OF MINES

WELL OPERATOR'S REPORT

O

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

	West Fork	of 12 Pole	e Creek	
District: Lincoln County Wayne				tuck
			- es Tago	
COMPANY Cabot Oil & Gas Corporation of WV				
				I Comment
ADDRESS P.O. Box 628, Charleston, WV 25322 DESIGNATED AGENI Robert E. Horrell	Casing Tubing	Used in Drilling		Cement fill up Cu. ft.
ADDRESS P.O. Box 628, Charleston, WV 25322	Size	223	TIT WELL	Cu. It.
SURFACE OWNER "See attached sheet"	20-16			
ADDRESS	Cond.			
MINERAL RIGHTS OWNER "See attached sheet"	13-10"			
ADDRESS	9 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Kenneth	8 5/8		475'	
Butcher ADDRESS RFD #1 Barboursville, WV 25504	7		1617'	
PERMIT ISSUED July 14, 1983	5 1/2		A 28%	- 1279 (31), 1-19 (3
DRILLING COMMENCED 7/26/83	4 1/2		2377.56	' 110 sks
DRILLING COMPLETED 8/23/83	3			
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2-3/8"		1586.55	
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON_	Liners used		Seating o	ollar @ 1550'
GEOLOGICAL TARGET FORMATION Big Lime/Injun		Dont	1540-16	88
Depth of completed well 2436 feet Ro		Dept		
Water strata depth: Fresh 117 feet;	Sal+ 1065	1188 foot	i Tools x	
Coal seam depths: 389' [60"]			a :	
보고 보고 그는 그는 그는 그는 그는 그는 그는 그는 그를 모든 사람이 가지 않는 그는 그래요?	is coar i	end ume	a in the	area? No
OPEN FLOW DATA				
	Pay	zone dept	h 1694-1	716 feet
Producing formation Injun				DL7 /3
Gas: Initial open flow 0 Mcf/d (Dil: Init	ial open	flow	Bbl/d
Gas: Initial open flow 0 Mcf/d C Final open flow 150 Mcf/d	Dil: Init Fina	ial open 1 open fl	.ow	Bbl/d
Gas: Initial open flow 0 Mcf/d C Final open flow 150 Mcf/d Time of open flow between initia	Dil: Init Fina al and fin	ial open l open fl al tests_	.owhou	Bbl/d
Gas: Initial open flow 0 Mcf/d (Final open flow 150 Mcf/d Time of open flow between initial Static rock pressure 460 psig(surface)	Dil: Init Fina al and fin measureme	ial open l open fl al tests_	.owhou	Bbl/d
Gas: Initial open flow 0 Mcf/d (Final open flow 150 Mcf/d Time of open flow between initial Static rock pressure 460 psig(surface) (If applicable due to multiple completion-	Dil: Init Fina Al and fin measureme	ial open l open fl al tests_ nt) after	4 hou	Bbl/d rs rs shut in
Gas: Initial open flow 0 Mcf/d (Final open flow 150 Mcf/d Time of open flow between initial Static rock pressure 460 psig(surface (If applicable due to multiple completion-Second producing formation Big Lime	Dil: Init Fina Al and fin measureme .) Pay	ial open l open fl al tests_ nt) after zone dept	.ow4 hou 24 hou h_1552 <mark>11</mark>	Bbl/durs cs shut in
Gas: Initial open flow 0 Mcf/d (Final open flow 150 Mcf/d Time of open flow between initial Static rock pressure 460 psig(surface) (If applicable due to multiple completion-	Dil: Init Fina Al and fin measureme .) Pay	ial open l open fl al tests_ nt) after zone dept	.ow4 hou 24 hou h_1552 <mark>11</mark>	Bbl/durs cs shut in
Gas: Initial open flow 0 Mcf/d (Final open flow 150 Mcf/d Time of open flow between initial Static rock pressure 460 psig(surface (If applicable due to multiple completion-Second producing formation Big Lime	Dil: Init Fina Al and fin measureme .) Pay Dil: Init	ial open l open fl al tests_ nt) after zone dept ial open	.ow4 hou 24 hour h_1552 <mark>11</mark> flow	Bbl/durs cs shut in 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 N₂/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

				REMARKS
FORMATION COLOR HARD	OR SOFT	TOP FEET	BOTTOM FEET	
		-		and salt water, coal, oil and gas
Sand Yellow	Soft	0	50	
Sandy Shale Dark	Hard	50	90	
Sand Light	Hard	90		Fresh H ₂ 0 @ 117' 1 bbl./hr.
Shaley Sand Dark	Medium	140	200	2
Shale Dark	Medium	200	210	
Sand Grey	Hard	210		H ₂ 0 test, 1½ bbl./hr. @ 358'
Coal Black	Soft	389	393	2,
Shaley Sand Dark	Soft	393		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	THE STATE OF THE S
Sand Light	Medium	910	995	The state of the s
Sandy Shale Dark	Medium	995	1055	
Sand Light	Hard	1055	1075	Salt H ₂ 0 @ 1065' - Hole filled up
Shale Dark	Soft	1075	1110	2
Sand White	Hard	1110	1193	Salt H ₂ 0 @ 1120 and 1188'
Lime Black	Hard	1193	1215	2
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 12 bbls/hr.
				Gas 20 Mcf/d, s/oil @ 1596, set 7"
			- Time / /	@ 1617, gas @ 1624 - 117 Mcf, test
			1000	@ 1649 - 65 Mcf, s/oil @ 1691 1 gal/
Shale Red	Soft	1688	1693	
Injun Grey	Medium	1693	1720	
Shale Dark	Soft	1720	2220	Test @ 1886 - 37 Mcf
Sunbury Shale Black	Soft	2220		Test @ 2228 - 33 Mcf
Berea (Shaley) Grey	Medium	2245	2336	Test @ 2317 - 29 Mcf
Shale Brown	Soft	(Attach sep	2436	as necessary)

CABOT OIL & GAS CORPORATION OF WEST VIRGINIA
Well Operator

By: Robert & Horsell

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 cont, encountered in the drilling of a well."

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANCE, 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 N2/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

Sand				BOTTOM FEET	Including indication of all fresh and salt water, coal, oil and gas
	Yellow	Soft	0	50	
Sandy Shale	Dark	Hard	50	90	
Sand	Light	Hard	90	140	Fresh H ₂ 0 @ 117' 1 bbl./hr.
Shaley Sand	Dark	Medium	140	200	2
Shale	Dark	Medium	200	210	
Sand	Grey	Hard	210	389	H ₂ 0 test, 1½ bbl./hr. @ 358'
Coal	Black	Soft	389	393	2.
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		Medium	645	740	
Sand	Light	Medium	740	770	
Shale	Dark	Soft	770	910	
Sand	Light	Medium	910	995	
Sandy Shale		Medium	995	1055	
Sand	Light	Hard	1055	1075	Salt H ₂ 0 @ 1065'Hole filled up
Shale	Dark	Soft	1075	1110	2
Sand	White	Hard	1110	1193	Salt H ₂ 0 @ 1120 and 1188'
Lime	Black	Hard	1193	1215	2
Shale (lime		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	And the first that the second of the second of the	Hard	1425	. 1490	
Little Lime		Hard	1490	1540	
Big Lime	White	Hard	-1540	1688	Oil & Gas @1583, oil 12 bbls/hr.
				and the second second	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	341,
Injun	Grey	Medium	1693	1720	
Shale	Dark	Soft	1720		Test @ 1886 - 37 Mcf
Sunbury Sha		Soft	2220	Description of the second seco	Test @ 2228 - 33 Mcf
Berea (Shal		Medium	2245	2336	Test @ 2317 - 29 Mcf
Shale	Brown	Soft	(Attach sep		as necessary)

CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

Well Operator

By: Robert & Lanell
Date: September 14, 1983

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 cond, encountered in the drilling of a well."



IV-35 (Rev 8-81)

OIL & GAS DIVISION DE Mest Mirginia
DEPT. OF MAN Department of Mines

Department of Mines Gil and Cas Division

Date_	Augus	st 2	3, 1	983	
Opera	tor's				
Well	No.	#1			
Farm_	Nile	Bar	tram		
API N	0. 47	-	099	- 723	REC

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

WELL TYPE: Oil_x_/ Gas/ Liquid Injection	/ Wast	o Dimos-		
(II "Gas," Production/ Undergrou	and Storag	ge/ Dee	p/ Sha	
OCATION: Elevation: 974 G.L. Watershed	West Fork	of 12 Pole	e Creek	
District: Lincoln County Wayne		Quadrangl	e Naugat	cuck
COMPANY Cobot Oil of				
COMPANY Cabot Oil & Gas Corporation of WV	•			
ADDRESS P.O. Box 628, Charleston, WV 25322	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT Robert E. Horrell	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P.O. Box 628, Charleston, WV 25322	Size		1,3,4,4,4,4	
SURFACE OWNER "See attached sheet"	20-16 Cond.			700
ADDRESS	13-10"	1		
INERAL RIGHTS OWNER "See attached sheet"	9 5/8			
ADDRESS	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Kenneth	7		475'	
Butcher ADDRESS RFD #1 Barboursville, WV 25504	5 1/2		1617'	
PERMIT ISSUED July 14, 1983		'		
RILLING COMMENCED 7/26/83	4 1/2		2377.56	' 110 sks.
RILLING COMPLETED 8/23/83	3			
F APPLICABLE: PLUGGING OF DRY HOLE ON	2-3/8'			10 15 016 0
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners		Seating c	011ar @ 1550'
REWORKING. VERBAL PERMISSION OBTAINED	used			
POLOCICAL TARCETT PORMATTON	<u> </u>		1540-16	88
EOLOGICAL TARGET FORMATION Big Lime/Injun		Dept	h 1693-17	20 feet
Depth of completed well 2436 feet F			Tools X	
Water strata depth: Fresh 117 feet;		,1128 feet		
Coal seam depths: 389' [60"]	Is coal	being mine	ed in the	area? No
PEN FLOW DATA			1550 1	604
Producing formation Big Lime/Injun	Pay	zone dept	1552-1 h 1694-1	
Gas: Initial open flow 0 Mcf/d				
In-line Final test 65 Mcf/d 040			Contract of the last of the la	
Time of open flow between initi				
Static rock pressure 460 psig(surface		_		
(If applicable due to multiple completion-				is sluc III
		zone dont	h 11/	10/2023 _t
Gas: Initial open flow Mcf/d		_		
Final open flow Mcf/d				
				Bbl/d
Time of open flow between initi				
Static rock pressure psig(surface	measureme	nt) after_	hou	rs shut in

Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	Hed	Soft	1370	T3-0			DIOS
Sand Pro	Light		1338	1356			
Datio	Light	Hard	1386	1427	Water	1436	Stood 400°
Shell Shell	Light	Hard	1427	1436	Water	1326	Stood 1004 in
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			
Lino	Black !	yaq*	1193	157a.	Ran 7tt csg.	on midget p	kr. @ 1522
Sand	White	FIRE	1103	1193	Gas & oil		Oil la blr./hr.
Slate	Darrik	Soft	1000	1303	mar part		10 W 5/8" 20.3 M
Sam	THE PHE		7007	тоап	Oil did not		next 7 tours
State	TWILE IS		3024	1061	Gas test		10 W 3/8" 4.9 M
Sand	pygue	req*	TOTH		Pulled 7" ca	1500 207	10 M 3/0. 4.9 M
Slate	TELK	2011		TOET			
			3 500	TOTAL		1522 to 158	
Big Lime	Light	Hard	1588	1594		lling in 8"	
Slate	1)014K	Soft	273	931			hoe & anchor
Sand	Light	Med.	74.8	773		off bottom	
Slate & Shell			646	74,8	gas tested	46/	10 W 3/8" 3.3 M
Slate	Dark		637	64.8	Packer did	not hold	
Sand	Light)(eq.*	607	634	Pulled 7" c	asing	
Slate	Dark		582	607			BH pkr. with
STate	TARHE		2tto	Dogo			bottom.
Big Lime	White	Hard	1594	1596	Oil	1596	20 gal: in 4 hrs
Big Lime	White	Hard	1596	1610	MELET LORD	1))0	zo gar. In t ms
pra mine	WILLCE	naru	1990	1010		asing - will	moom holo
Sana	Grey	Wed*	380	303			ream noie
			7670	380	Reamed hole		la Blr./m
Big Lime	White	Hard	1610	1612		sing @ 1612	
Sand	Licht		J) Q	198		with anchor	packer set 101'
Slate	Bark		[] [] 3ò	THE	above.		
Sand	Gray		97	139	Bailed out		J BJL./Hr.
Big Lime	White	Hard	1612	1615	At 1615, for	and that pack	ters did not
580	park		65	85	seal off oi	1.	
Big Lime	White	Hard	1615	1617			hole 1612-17.
Separa	Light	ged.	112	00	Ran 7" casi	ng at 1617 a	fter dumping 8
Sand	DSUK	HELD	35	CII		ment in hole	
State	NOIN		- 60	53			g anchor packer
Sand	Yellow		- 0	-5	set at 1512	to JEJE	g anchor packer
			1/10	1600			
Big Lime	White	Hard	1617	1623	After drill	ing to 1023,	well was tested
200 Augustinu	rotor		3 65	12.01.0400		casing stil	
		Hanne				7" casing w	ith 20 sacks
Big Lime	White	Hard	1623	1649	cement.		
				#10		0° of cemen	t behind 7"
" (Proch Willer			300	The state of the s	(1617-1467)	L.ER	Theres
ON"			Department to the		Estimated Ad	qua Gel 1467.	1325.
Book President			elm	FOAL WAS	Gas		/10 W 2" 117 M
Br. ona	Le 50 M)		T.A.		Test		/10 W 1" 78 M
The Bir Lin	st ml I	otal Ti M			Test	1630 78	10 W 1" 69 M
	Village Messe		The state of the s	CASTNO CE	Test	1649 69	10 W 1" 65 M
Open, Flow	THEFT MUSEL		To the state of			and just bel	
Ah epi					OII also IO	the Just ber	ow casing -
			2/10	7/00			ut 1 gal./hr.
Big Lime	White	Hard	1649	1693	Oil		Show, 1 gal./hr.
McCrady	Red	Med.	1693	1715	Test	1679 44/	10 W 1" 52 M
Big Injun	Gray	Med.	1715	1740			art as bound
Slate	Dark	Soft	1740	1758	Test	1747 30/	10 W 1" 43 M
Lime Shell	Dark	Hard	1758	1767		KZ	15-5300
Slate	Dark	Soft	1767	1789	-		Programme and the second
Lime Shell	Light	Hard	1789	1797	1017	1417:	
Slate	Dark	Soft	1797	1829	F33:	1751 x 1	Pa (310a)
Slate & Shell		Med.	1829	1886	Test	1886 22/	10 W 1" 36.7 M
	Light		1886	1943	1650	2000 22/	
Slate & Shell	Dark	Med.				3	well Rook Wall
Slate	Light	Soft	1943	2020		X.	N OF FROMES
Slate & Shell		Soft	2020	2108	the state of the s	115	o JULE
Slate & Shell	TO ACCUPATION AND ADDRESS OF THE PARTY OF TH	Soft	2108	2156		715	* R.C/131
Slate & Shell	s Light	Soft	2156	2218		y	en casing Anchor
Shale	Dark	Soft	2218	2228	Test	2228 18/	10 W 1" 33.2 M
Slate & Shell	The second secon	Med.	2228	2246			
Shell	Dark	Hard	2246	2251	Test	2251 14/	10/2023 29 M
Berea Sand	Light	Hard	2251	2319		Off or Gas V	OH PER
	-0		METT	BECOB			

Date	November	30,	1950
		0	

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

A. H. Smith (Title) Geologist

11/10/2023

Permit No. Wayne-723



OIL AND GAS DIVISION STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

METT BECORD

Oil or Gas Well Gas

		(1) 自己の意味を含まる。			_		
мочѕ	रागर	TTO	7386	09ET	Med.	Dark	Slate & Shells
			09ET	9SET	tjos	Red	Red Rock
			9SET	T338	Hard	taghi	Sand
pore.	136	"setel.	T338	T356	Med.		Slate & Shells
ut 1007 poots	1356	Water	T356	LTET	Hard	taght	Lime Shell
	1847-1481	Hole caving	LTET	1258	Med.	Dark	Slate & Shells
elod ai '001	1510	reder	T558	ग्रा	tios	Dark	Slate
			TSTT	1219	Hard	Grey	Sand
of. @ 1522	on midget	Ran 7" csg.	1219	EGTT	Med.	BJsck	əmil
Hole full.	3811	Water	E6TT	TTO3	hard	White	gand
E.OS. "8\8 a CL\	IISO	Water	EOTT	760T	tjos	Dark	Slate
w gailling w	590T	Water	760T	T90T	Hard	Jagid	base
OVER SERVE IN OUT	3 (10117	272	TOOT	750T	1Jos	Dark	Slate
	89101	14/99	750T	TTOT	Mede	Light	pueg
. 83		06	ήτοτ	886	1Jos	Dark	late
.olo	5	5 5	586	TE6	Med.	Light	base
	0561	100	TE6	ELL	JJos	Dark	late
l.	0	8 8	ELL	874	Med.	Light	pue
F.F MEYE WITE	I A SIT	E RI	874	879	1308	Tright	late & Shells
	1000	哥心	879	169	1Jos	Dark	late
	5000	1266	159	209	Med.	Light	pue
on BH pkr. with	5612850	475. e252	209	582	1Jos	Dark	Late
midget packer.st	NO SUTERD		582	975	1Jos	Light	late
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ning casing	m T a TOTAL	ngan Tanpu	528	393	4Jos	Dark	late
buises buid	una ouogod	+20+ #0+0M	393	988	1Jos	BJsck	Lso
/a 2	occ	Water test	985	STO	Med.	Grey	pue
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o Surdama aelie	ATOT AN SE	Teed "/ desi	09	57	Med.		pue
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Tal anonor packer	SCHOOL CRE	0/(-0 X ')	SE	23	1Jos	Dark	bris
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corest was tested	POT ON RUE	LLCTD TSJIL	£zer	1201	o'ish	- eginw	SELL SE
Remarks	Pound	Oil, Gas or Water	Bottom	qoT	To bigH	Color	Formation
EET INCHES	ES E	L INCH	<u> जन्म</u>	1991	feet	おう工程報	Salt water
EET INCHES		L INCH	яяя —	1991	feet		Fresh water
6741325		a harmakina	T GWH TWOO	.erd 24 hrs., lat 24 hrs.			liO
EET INCHES	ਜ	CHOOMLERED	A SVM IVOS	46 hrs.	OO pa	E 3	Rock Pressure
T ST TT W DECKE	# 03011	Jost 1		Cu. Ft.	W T/ TPO	ST M) To	Volume Big Lime
1 69 "IF M OT /82 II	1630	fae?	WELO DITORO	Тиср		Oths Merc. in	
o. Ft. Date	RIZE	GATUA	CASING CEM				
	 	7		Inch		Oths Water in	
Perf. bottom * *	a = seg IId	B TARGOTA				I a section	With
Perf. top	FPAL	(30)	Liners Used	3258	OT SYES TO	mor4 O	Date Shot 11-16-5
A Second Plant Ultra		Jasii	2177			The second second	Drilling completed
Perf. bottom			OITI.	2101		5-11-11	Drilling commenced.
Perf. top	23091	Test	85278	1720		7 7 - 0	
5305-2306			53/16	kentucky.	daress Ashland	684 :	yean, P.O. Box
Depth set		12191	% 9	Chesley A.	le Bartram &	wned by Mi	Mineral rights are o
	100/			701A / /	ddress		Llens eni
(1618) 1191		1527		101	e pa	er ni benwo si	The surface of tract
18/I-0 x 12 to exis	3 3881	Page	10	OCAT	The second second		2017001
Dilwell Hook Wall			18		County Wayne	Market St.	District Lincol
			91	L.476 VA	E (T)	18 .ou Lai	
Kind of Packer				0000	1102	Heleki	Location (waters)
#8/5-8 x #4			əziZ	cres 87	V 4393	artram	Farm Mite B
crew casing Ancho			Acce	XXXXX			C - L - N
SALD Packers 3 75	Well	Drilling	ZuiduT	4. W. Va.	Charleston	Box 4158	
State Pentage And for	Left in	ni bəaU	Casing and		ENS GVS DEL		
	THE RESERVE OF THE PARTY OF THE	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		DESCRIPTION OF SERVICE OF STREET		The state of the s	0/2022

Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
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	Va	- W 3 Y					
	C. Feb	Arra de			18	THE RESERVE AND THE PARTY OF TH	O TO M Sa 300 M
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Otal Tente							
	n. Dark	Hard	3524		The Control	20 00 29	
brown Shale	Brown	Soft	3452		Gas (1)	3216 to 32	
Srowa Shale Slate	-Brown -	Soft	3206	3506 3206	Tost	3177 8	
Shell & Slate Brown Shale	hight "	Med.	3098	3110			
Brown Shale	Brown	Soct	5953		Gas (1)		VIO W IN 23.5
Slate	Light .	3010	\$836		Test	the state of the s	7/10 W IN 20.7
Slate	nsk k	Boft	2917	2936	on Monday (in in hole w	that starting up
Slate .	Light	Soft	2530	2630	10gt	The second secon	7/10 W J= 20.7
Slate	Inght	Soft Soft	2753 2799	2799			
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Slate 4	- Might	Soft	2568	8133	Tost	2733 8	
Shell .	THELK	Med.	25.61	2568	Test	255h 13	V to W In 2h.7
Slate	Tybite	Soft	245	577TE	Test	2011	1.00
Hite	TRUE.		21/20 21/25	SPAC			
SHELL	Bark Jaght	Soft Med.	24.90				
Sinale Sinte	Brown	Sort	2357	5105			
Clate	Dark	Sort	2335	2347			1
Broken Sand	TARRET .	Med.	2329	23.35	Test	2317 II	[/ 0 W Ju 29
		201/		Bostom	er Water	- Tokke	Keinnika
	Galia	Hard or Soft	45		00, 630	- Depth	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
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		feet	feet	i e tu	EN THE	An La Transition	SECTION IN CHES
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			On Pt				
	/16ths : Mer	B	- Inch	- CASTNG CA	CM SMLED	BISB W	for 215 That I Date
	Violating Water	в тупет у	1005				
						ATTEMPT	Pod bottom
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	1			3		1	Feet topic
		Addition		9 A) 9 - 1			
							D. FF
		Address		10 P	TWA		
	CE PLONIEG IV	gar pa		10-			Sign of
District Line		County Ways	19	437	_		
	rial Mo.	(01)	L Herman	10			Kod of Packer
Location (waters				2120			
	But bran		CLOTES A. A.	107	And the second s		
Address Att.				, Losson &		Most	Packers
	* 177 HQL27	- METE OVE DE	STATE OF THE PARTY	Capital at		Left in	3.7
	1 LDMor		Transfer and the second				1/10/2023
	165					Oil or Ga	
- Parmit No. 489	The second secon	A STATE OF THE PARTY OF THE PAR	METER	MECO			

Date November 30, 19 50

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

A. H. Smith (Title) Geologist



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS DIVISION

Page 3

Permit No. Wayne-723

Location (waters)_

Drilling commenced_

Drilling completed___

Date Shot____

With_

Volume_

Open Flow

Farm_

Nile Bartram

Mineral rights are owned by___

WELL RECORD

Oil or Gas Well Company OWENS, LIBBEY-OWENS GAS DEPARTMENT Casing and Tubing Used in Drilling Left in Well Packers Size 16_ Kind of Packer_ Well No. 1 (Serial No. 801) District Lincoln County Wayne The surface of tract is owned in fee by_ Size of___ Address 65% Depth set_ 53/16_ Perf. top_ Perf. bottom_ Perf. top_ To_ Liners Used Perf. bottom_ /10ths Water in_ Inch _/10ths Merc. in_ CASING CEMENTED_ Inch SIZE Date Cu. Ft.

Rock Pressure				COAT TEAC	C PAGOTAMEDED	1.00	TERM			-
			bbls., 1st 24 hrs.		S ENCOUNTERED				LINCHES	
Fresh water		feet	feet	FF	EETINCH	HES	FEET		INCHES	3
Salt water	the state of the state of	feet	feet	FF	EETINCH	IES	FEET		INCHES	3
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Dept		Rem	arks	
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		12				
Slate	Light	Soft	2445	2564	Test	2514	13/10 W	11"	28	M
Shell	Dark	Med.	2564	2568	Test	2554	10/10 W		24.7	
Slate	Light	Soft	2568	2733	Test	2733	8/10 W			M
Slate	Dark	Soft	2733	2753						
Slate	Light	Soft	2753	2799						
Slate Slate	Dark	Soft	2799	2830	Test	2830	7/10 W	1"	20.7	M
Slate	Light	Soft	2830	2917	1/2 bbl. oi	1 in hol	e when s	tart	ing up	
Slate	Dark	Soft	2917	2936	on Monday (24 hrs.)				
Brown Shale	Light	Soft	2936	2953	Test	2908	7/10 W		THE OWNER OF THE PARTY OF THE P	
Shell & Slate	Brown	Soft	2953	3098	Gas (?)	2988	9/10 W	Ju	23.5	M
Brown Shale	Light Brown	Med.	3098	3110			2 (2 2 2			
Slate	Light	Soft Soft	3110	3206	Test	3177	8/10 W	Ju		
Brown Shale	Brown	Soft	3206	3452	Gas (?)	3191	10/10 W	In	24.7	M
Corniferous Lm.		Hard	3452 3524	3524 3526	Hole caving	3216 to	3238			
Total Depth				3526	Test	3349	8/10 V	W 1"	22	M
					Test	3526			same	
					Test before		7/10 1	W 1"	21	M
		626272820			Test after	THE RESIDENCE OF THE PARTY OF T				
	A	2425262728293	103		1	hr.	10/10 1			
	(3)	SA 49 3			18	hrs.	7/10 V	N 2"	83 1	M
	18192027	TO CO	23		Test before		120/100/2	2023	79 1	M
	03	The Topic	2 4		" after			74		
	100	CA CA	05		Br.		40/10 V		50 1	
	W.	a The	2		Big	g Lime	7/10 V	W T	21 1	M
		Chamming!			Set tubing 6	2306 0	- LIW man	1-028		
	E. Salas	Canha			Tubing is 2				loon	
	A SHARE THE PARTY OF THE PARTY				Tanting To T	70 000	Le dell'	OF TA	TOOT 9	

Derrick floor is 2' above ground.

FORM IV-4 (Reverse)

PROPOSED WORK ORDER FOR PLUGGING AND FILLING WELL

[08-78]

[THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED BY AFFIDAVIT (FORM IV-38) ON COMPLETION]

PLUGGING CONTRACTOR (IF KNOWN)U	nknown
Address	
PLUGGING METHOD PROPOSED BY WELL OPERATOR:	
As provided by Code § 22-4-10(a)(1) and without placing a liner), where the well does not penetrate - workable coal bed,
	, where the well does not penetrate a workable coal bed;
	where a coal protection string of casing has been
the same demended in the the s	there a coal protection and
NOTE: If the proposed plugging met Code § 22-4-10(c), then the the space provided below, an (including comparative estimate)	hod is the last stated above, as provided in- well operator must include cost estimates in d in addition complete the right-hand column ates) in case the coal operator, owner or request plugging under the provisions of
Description of the method by which	there the well must be cleaned out and replugged to permit
the well was previously plugged:	
	102) 4 / 1241
FOR PLUGGING METHOD PROPOSED	FOR PLUGGING ON REQUEST UNDER CODE § 22-4-10(d)(3
PLUGGING MATERIALS Type of Other Cement Materials Depth Thickness Cost	
ridge Pluge Head Type and Death	
Baker open hole bridge plug \$2,000	Bridge Plugs UsedType and Depth
to be set @ 1740'.	
30 Se Set 6 1/40 .	
ENT PIPE	
	VENT PIPE
ISCELLANEOUS MATERIALS 2 sks Cal-Seal on plug.	MISCELLANEOUS MATERIALS
YPE OF RIG:	CASING LOST
	TYPE OF RIG:
Owner: Well Op'r/ Contractor_X/ Rig time: days plus hours	Owner: Well Op'r/ Contractor/ Rig time: days plus hours
PERATOR'S LABOR COSTS .	
UTSIDE SERVICES (type and company)	OPERATOR'S LABOR COSTS OUTSIDE SERVICES (type and company) 0/2023
	- TTY 10/2023
No. 10005 10005	
SUB-TOTAL	SUB-TOTAL
LESS SALVAGE	LESS SALVAGE
TAL	TOTAL

FORM IV-4	DEPARTMENT OF MINES, OIL	Doto: May 7
(Obverse);	NORTHE OF THERMSON MO DIVID	Operator's Nile Bartram #1
[08-78]	NOTICE OF INTENTION TO PLUG	API Well No. 47 - 099 - 723
WELL TYPE:	O11_XX_/ Gas/ Liquid Injection	State 0-
	(If "Gas", Production/ Underground st	corage/ Deep/ Shallow/)
LOCATION:	Elevation: 974' Watershed:	Spruce Fork
	District: Lincoln County: Way	ne Quadrangle: Naugatuck
WELL OPERATO	Cabot Oil & Gas Corp. of W.Va.	
Address	P.O. Box 628	Address P.O. Box 628
	Charleston, WV 25322	Charleston, WV 25322
	Libby-Owens Ford Co. 811 Madison Ave., Toledo, OH 25322	NO OPERATED
		22 FA SA A A A A A A A A A A A A A A A A A
Address	Owens-Illinois, Inc. P.O. Box 1035, Toledo, OH 43601	Address
	Taranga da ang kalangan ang kal	
		COAL OWNER(S) WITH DECLARATION ON RECORD: Name State of W.Va., Public Land Corp.
	10 28 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Address	Attn: Jim Jones, Bldg 3, Rm 713	Address Attn: Jim Jones, Bldg 3, Rm 713
	1800 Washington St. E, Chas., WV 25305	25305
	100 12 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	NameAddress
	(IF MADE) TO:	Address
	MAY 9 - 1983	
Address		COAL LESSEE WITH DECLARATION ON RECORD
	CIL & GAS DIE	Name
	DEPT. OF MINES	Address
	nlug back and a	rework upper horizon in
Th	ne undersigned proposes to xxivex and xxivex	
described we	ell, 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	ve days after the day on which this Form IV-4
is received	or in due course should be received by the I	Department of Mines.
Th	ne method of plugging is planned as shown on	the work order on the reverse side hereof.
Th	is Notice is given to the Department and the	others specified above, so that they or their
representati	ves may be present at the plugging and fills	ng 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	n out and replug said well by the applicable	e method specified in Code § 22-4-10 and given
in detail on	the reverse hereof.	장마는 이렇게 모든 아이지는 것 같아요? 그 것이 모든데 모든데
Th	is notice has been or is being this day sent	by registered or certified mail to each party
named at the	address above listed.	
THIS PARTIA	AL PLUGGING PERMIT APPROVED	CABOT OIL & GAS CORPORATION OF WEST VIRGINIA
	DAY OF 1983	Name of Person Giving Notice*
Mile	10 Towis	By Robert & Horrell
	and the second second second second	Its District Production Superintendent
* Address (i	if not set forth above)	
P.O). Box 628	44/40/0000
-1	1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	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 then 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
 - 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.

.... served to st. operator, estal gwnerfel, et a coel lesser, on or before the day of the week of the Pereze of t

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.

		WAIVERLING	A Part Least	10-096-JA	404000
The undersigned coal operator	/ owner	/ lessee	of the coal u	nder this well lo	10/2023 expension has ex
mined this proposed well location. If	a mine map exists w	which covers the are	ea of the well locati	on, the well loc	ation has bee
dded to the mine map. The undersign	ed has no objection	to the work propos	sed to be done at th	is location, pro	vided, the we
dded to the mine map. The undersign	ed has no objection	to the work propos	sed to be done at th	is location, pro-	vided, the we
dded to the mine map. The undersign	ed has no objection	to the work propos	sed to be done at th	is location, pro-	vided, the we
dded to the mine map. The undersign perator has complied with all applications and the second	ed has no objection	to the work propos	sed to be done at th	is location, pro-	vided, the we
dded to the mine map. The undersign	ed has no objection	to the work propos	sed to be done at th	is location, pro-	vided, the we

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1) D	ate:	June	16
	perator's	Nile	Ba

Bartram	#1
STATE OF STA	and the latest

DRILLING	CONTRACTOR:
Ditte	communication.

OIL	2	GAS	DIV	151	ON	B
	T		- 1	41	M	-

3) API Well No.	47	099	723 -REC.
	State	County	Permit

UNKNOWN	DE	- I WSTATE OF WEST VIRGINIA	
OMEGNET		DEPARTMENT OF MINES, OIL AND GAS DIVISION	1

WELL TYPE								sace independent		
LOCATION					10 to 10			/ Deep/	Shallow	_/)
LOCATION:	District	on: 9'	incoln	de seus	120 10	Watershed: S County: Wa	yne	Quadrangle:	Naugatuck	(A)
WELL OPER		OF CHARLES AND THE	2722 - 7724	NAMES OF TRACT	Corp.	SERVICE AND ADDRESS OF THE PARTY OF THE PART	THE RESIDENCE OF COMMERCIAL PROPERTY OF THE PARTY OF THE	AGENT _Robert	CONTRACTOR OF THE PARTY OF THE	
Address	sam sm F						Address	P.O. Box 628	Parallel College and State	
			ston,			dell'ikie abili elaj		Charleston,	WV 25322	
OIL & GAS		The second second	wens F					botspoles he	5) Where we	
				statement of the Arthurst of the	Section (12 Section)	12001	COAL OPERA	TOR NOT OP	ERATED	
Address	D OW	ens-I	llinoi	S, I	nc.	The second secon	Address	entrantial and drug	20 2101202 (D	
Acreage	F.U.	DOX I	035, 1	orea	O, OH	43601	COAL OWNE	R(S) WITH DECLARA	TION ON BECORE	
SURFACE O	WNER Mr	s. Jui	ne Bar	tram				of W.Va. Publi		
Address				在200 10 Mary 10 Co.	P1 - 2110 2 P2014 6 P	1sboro, OH	Address	Attn: Jim Jo	PARTY PRODUCED BOOK TO A CONTROL OF THE CONTROL OF	
ΑΛΛΛΛ	Mr	. Che	sley A	. Ly	can	45133		1800 Washingt		
Acreace	821 Ro	gers (Court,	Ash	land,	KY 45133	Name			25
TELD SALE							Address	The same of the sa	ANTONO CITY	
Address	TI ROLLETON			-6.00	V75-X17	<mark>eu sa</mark> ngsaning a		GER STROET TOURS		
II e cas	Neprozes	TO DE	NOTITIE	D.		14)		E WITH DECLARATION	ON ON RECORD:	
	INSPECTOR			ט			Name	S CARTIFICATION PROCESS	14) As p. 1.82	2 61
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	Barb	C. C		2000	25504	Cl how surface	ng is in be pr	inamenta io ancura	erit oraci w	
ROPOSED				CHERON IN	A CONTRACTOR OF THE PARTY		Fra	cture or stimulate	Vigue	
						/ Perforate new			Section A (A)	
		Other phy	sical char	nge in v	vell (spec	cify) Abandon B	rown Shale	e - Plug back	to Big Lime	
EOLOGICA	AL TARGET	FORMA	TION, _		Big L	ime		A ALEXANDER	phixa the 1/1	
) Estimate	d depth of co	mpleted v	vell,	d and	1700	feet		distribution teached	of slige I (8).	
Approxim	mate water st	rata depth	ns: Fresh	,	117,	358 feet; sal	t	feet.		
		State of the State					AND REAL PROPERTY OF THE PROPE			
9) Approxit	mate coal sea	m depths:	-			Is coal be	eing mined in the	e area? Yes	/ No	
9) Approxir				ORKO'			eing mined in the	e area? Yes	/ No_	
		PROGRA		ORKO		Is coal be	artis apro : is	or analog same	bangon (02)	
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CASING AN ASING OR UBING TYPE	D TUBING	PROGRA SPE Grade	AM W	ORKO Ns I	VER	FOOTAGE I	NTERVALS Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	bangon (02)	
CASING AN	D TUBING	PROGRA SPE Grade	AM W	ORKO Ns I	VER	Is coal be	NTERVALS	CEMENT FILL-UP OR SACKS	PACKERS	
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ASING AN ASING OR UBING TYPE ductor th water	D TUBING Size 8-5/8"	PROGRA SPE Grade	AM W	ORKO Ns I	VER	FOOTAGE II For drilling PRESENT PRESENT	NTERVALS Left in well 475'	on packer	PACKERS Kinds Sizes Depths set	
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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.

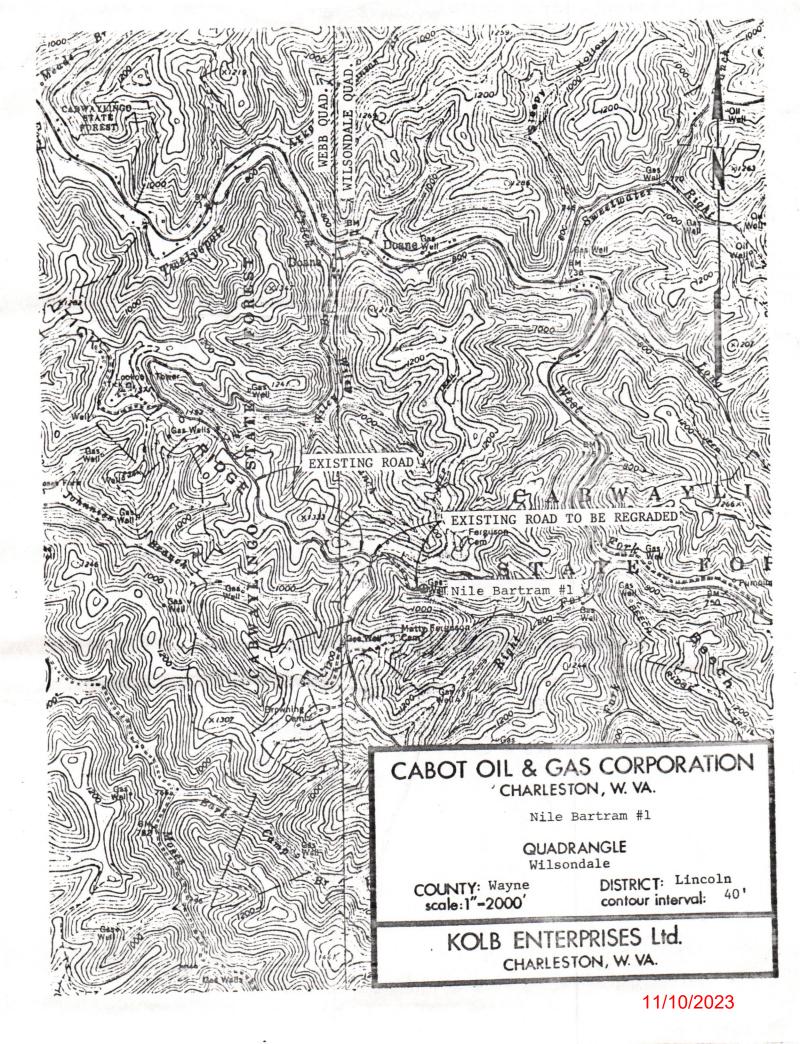
(Refer to No. 10) Prior to the construction of roads, locations and plts for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires	ANG	LA July 14	1985	unless d	rilling is commenced prior to that date and prosecuted with due diligence.
Bond:	Agent:	Plat:	Casing	Fee	Administrator, Office of Oil and Gas
					17168

1)	Date of Application		.463	
2)	Your well name and number		~~	29172
3)	To be filled out by office of oil & gas			
4A)	"Oil" means natural crude oil or petrat the well in liquid form by ordinary after it leaves underground reservoirs:	"Gas" means all natural ga	as and all other fluid hydro	ocarbons not defined
4B)	"Shallow well" means any well drilled the "Onondaga Group" or a depth le	ecc inan six mousand rect,	Willemer or 10 offers	
-	"Deep well" means any well drilled an of the "Onondaga Group" or at a de	d completed in a formation	at or below the top of th	e uppermost member er.
5)	Where well is located	Apa itr		a the name must be
- 6)	Before a permit can be issued in a c registered with the Scoretary of State	orporation, company partr	iersnip, or neimous nam	e, the name mass of
7)	Use separate sheet if necessary			OTTALLY PURCHASING
8)	Present surface owner at time applica	ation is filed.		2
9)	Optional			
· · 11)	See Reg. 7.01 relating to code §22-4-	1k	Li-	ation that proposes to
12)	"Coal Operator" means any persons, or does operate a coal mine. See Not	, firm, partnership, partners te 24	nip association of corpora	tion that proposes
13 & 14)	As per §22-4-20; See Note 24		. 16 - fraturing	or stimulating a well
15)	Work that will be attempted—A sepawhere fracturing or stimulating is to be Form IV-2 filed in connection therever	vith.	h a permit is sought and i	, noted as such on the
16)	Anticipated formation for which well	I will be completed		,
17) 18)	Self explanatory — Depth to deepest freshwater, and sh	allowest salt water, taken	from nearby wells correct	ted for differences in
10)	elevation	LAR STREET		Sale of the sale o
19)	All coal seam depths		22 4 6 22 4 7 22 4 8 22	4-92 Reg 9 01 15 01
20)	Proposed casing program and cemen 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 permit described herein may file the (1)A brief description of the tract (2)The identification of all parties to extract, produce or market (3)The book and page number where market the oil or gas is recorded (4)A brief description of the royal	of land including the distr to all leases or other contin the oil or gas is claimed; herein each such lease or con	ict and county wherein the using contractual agreement intract by which the right t	ne tract is located; nus by which the righ
22)	Code 22-4-11(d) and 22-4-11(e).			
23)	Regulation 7.02 of the Department of ed with the Department, accompanies the forms prescribed by Regulation 11V-9, "Reclamation Plan", application unless previously paid on the same we quired by Code §22-4-8a from the or	ed by (1) a plat in the form p. 12, or in lieu thereof the other ble to the reclamation required, the fee required by Code owner of any water well or	ner security allowed by Co fired by Code \$22-4-12b at a \$22-4-12a, and (v) if appl dwelling within 200 feet of	ode §22-4-2, (iii) Form nd Regulation 23, (iv licable, the consent re of the proposed well.
24)	The above named coal operator, cost to make or are required to make by days after the receipt of this Applic	Code \$22-4-3 must be thed	are hereby notified that as with the Department of 1.7	ny objection they wis ines within fifteen (15

•	The following waiver must be comple who has recorded a declaration under days of receipt thereof.	Code 22-4-20, if the perm	id by any coal owner or countries to be issued within file	oal lessee freen (15)
taning as a second	and it is the same of the same	WANTER	4	11/10/2022
mined this	proposed well location. If a mine map e mine map. The undersigned has no ones complied with all applicable require	in the tip my my work upos	ed to be done at this location	ion, provided, the we
		4	11	
) = te:	May 20 . 19 83		vid C. Callagher etary of the Public	Land Corneration
		becre	stary of the rubite	name oorboratt

ORM IV-2 Obverse) 5-82)						15.151	1) Date		19
								Nile Ba	artram #1
*						1	3) API	Well No. 47	099 723
RILLING CON	TRACTOR:					1000		State_	County Permit
UNKNO	WN		DE	EPARTM		OF MINES, OIL	AND GAS DIVISIO) = [] = N	是長少塩川
	in day, ye	26 (S. Pr.)	. 1	OIL AN	ID G	AS WELL PERMIT	APPLICATION	IN JU	N 6 1983
A MICH TVI	D. A Oil	XX	/ Gas		,	in el consum			19
	B (If "	Gas" Pro	duction			/ Underground st	orage	_/ Deep	/ Shallow
5) LOCATION	N: Elevat	ion:	974	<u>'</u>		Watershed:	Spruce F	Ork Quadrangle: N	laugatuck
a ment one	TRATOR C	abot C	il & (Gas Co	orp.	of W.Va. II	DESIGNATED	AGENT Rober	t E. Horrell
Address	P.C	Box	628			talk or risk stofe	Address	P.O. Box	628
	Cha	rlesto	on. WV	2532	22	20 1 AV 4 4 4 1 2	or constant	Charlesto	n, WV 25322
7) OIL & GAS	OWNER _	Bll Mad	ens For	ra Co. Ave.	•	12	COAL OPERA	TOR NOT	OPERATED
Address		coledo	OH	43624	1	3.3			
		ens-Ill					COALOWNER	WITH DECLAR	ATION ON RECORD:
Acres CE	P.O. I	t of	W. Va.	Publi	ic I				ic Land Corp.
Address	Attn:	Jim Jo	nes, I	Bldg 3	3, R	m 713	Address	Attn: Jim Jon	es, Bldq 3, Rm 71
	1800 W	Tashing	ton St	t. E.,	Ch	as., WV 253			on St. E., Chas., 2530
Acreage							NameAddress	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2530
) FIELD SAI	LE (IF MADI	E) TO:			j	·	Address		
Addiess						14		WITH DECLARATI	ION ON RECORD:
O) OIL & GAS	INSPECTO	R TO BE	NOTIFIE	D				major store little same tiller store store store store	
Name	Kennet	h Buto	her	150 m			Address		
Address	Barbo	ursvil	le. W	V 255	04				
5) PROPOSEI	WORK:	Drill		Drill dee	per	Redrill	Frac	ture or stimulate	
		Plug off	old form	ation	XX		ew formation	nlug bag	k to Dig Time
							n Brown Sha	re - Prog Dac	k to Big Lime
6) GEOLOGIC	CAL TARGE	T FORMA	TION, _	B1	700	feet	The State of the S		1.
17) Estima	imate water s	ompieteu v trata depth	s: Fresh	. 117	7. 3		salt,	fcet.	
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(ASING A (ASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production	Size	PROGRA	AM WOF	RKOVER	· ·	FOOTAGE For drilling PRESENT PRESENT PULL	Left in well 475' 1617' 2309'	on packer	PACKERS Kinds Sizes Depths set 2302 Perforations:
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(ASING A CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production Tubing Liners	Size 3-5/8" 7" 3" 2-3/8" ON RIGHTS	SPE Grade	CIFICATION Weight per ft.	NS New	Used	FOOTAGE For drilling PRESENT PRESENT PULL PROPOSED	Left in well 475' 1617' 2309'	on packer on packer Hookwall @	PACKERS Kinds Sizes Depths set 2302 Perforations: Top Bottom
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Date: October 20 , 198 Operator's Nile Bartram #1 API Well No. 47 - 099 - 723 | Permi

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

	DEP1. UP	. IAIIIAL		
		AFFIDAV	IT OF PLUGGI	NG AND FILLING WELL
	V / Co.	/ 14	ould Injecti	lon/ Waste Disposal/
WELL TYPE:	OII A / Gas	uction	/ Undergro	ound storage / / Deep / Shallow /,
	Cli das , Frodo	4' G.L.	Watershed	H: West Fork of 12 Pole Creek
LOCATION:	Pictrict: Lin	coln	County:	Wayne Quadrangle: Naugatuck
	District		Marie de la casa de la	
WELL OPERATO	OR Cabot Oil &	Gas Corpor	ation of W	V DESIGNATED AGENT Robert E. Horrell
Address	s P.O. Box 628			Address P.O. Box 628
	Charleston,	West Virgi	nia 25322	Charleston, West Virginia 25322
and of Me	ST VIRGINIA,)			
COUNTY OF _)	SS:		
COUNTY OF _				
_	Gene McCl	ure		and Mark McCormick
being first	duly sworn acco	rding to la	w, depose a	nd say that they are experienced in the work of
plugging an	d filling oil an	d gas wells	; that they	were employed by Cabot Oil & Gas Corp. of WV
the well op	erator, and part	icipated in	the work o	f plugging and filling the above well; that the work
was commenc	ed onJuly 26	5	19 <u>83</u> , a	nd completed on August 23 , 1983 , in the
following m	anner:			
		abondon	/ (1	ean out and replug/
PERMIT *NOTE:	THIS WELL WAS	PLUGGED B	ACK FROM TH	HE SHALE AND RECOMPLETED IN THE BIG LIME & INJUN.
PLUGGING MA				COAL SEAMS (NAMES AND DEPTHS)
Туре	of Other	1		
Cement		Depth T	hickness 24'	
	Clay and Calseal	2130		
	Caiseai			
				DESCRIPTION OF WELL MONUMENT
	16	1		
Bridge	e Plugs UsedTy	pe and Dept	h	
			1	1, 1
			111/	
VENT	PIPE			
MISCE	LLANEOUS MATERIA	LS		
CASIN	G LOST			
The state of the s	OF RIG:			Ga malling 1
Own	er: Well Op'r_	_/ Contrac	ctor_X/	Sene Michiel (SEAL
Rig	time: days	plus h	nours	Mark a. M= Cormick (SEAL)
-				11/10/2023
ちゃしまし	Subscri	bed and swe	orn to befor	
The said	A CONTRACTOR OF THE PROPERTY O	_	Hober	
	My comm	riceion ovn	ines Mas	L 5 . 1989.

Notary Public



State of West Virginia

Department of Mines Gil 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:	PERMI	T NO:	47-099-0723-REC-P				
		FARM:	Nile	Bartram				
		WELL NO: DISTRICT:		1				
				Lincoln				
		COUNTY:		Wayne				
				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:

 $\frac{\text{XXXX}}{\text{Blanket Bond.}}$ The well designated by the above permit number has been released under your

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.

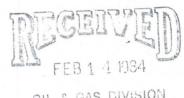
Very truly yours,

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



OIL & GAS DIVISION
DEPT. OF MINES

Permit No.	099-0723 REC -	County Wayne/L	Incorn
Company Cal	bot Oil & Gas Corp. of WV	Farm Nile Bar	ram
Inspector	ARTHUR ST. CLAIR	Well No.	
Date Sep	ptember 20, 1983		6
r va			
			IN COMPLIANCE
RULE	DESCRIPTION		Yes No
23.06	Notification Prior to starting	Work	-
25.04	Prepared before Drilling to pre-	vent waste	
25.03	High-Pressure Drilling		discussion department
16.01	Required Permits at wellsite		
15.03	Adequate Fresh Water Casing		COLUMN TO THE PROPERTY OF THE
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strength		
23.02	Maintained Access Roads		4500
25.01	Necessary Equipment to prevent W	laste	-
23.03	Reclaimed Drilling Site		/
23.04	Reclaimed Drilling Pits		V
23.05	No surface or underground Pollut	ion	V
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 Holcoml

11/10/2023

STATE OF WEST VIRGINIA

OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 1/49- 18	23			Oil or	Gas Well	
Company Owens Lile	lber Owens Gas lo	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
000	58. Charlecton My a	Size				
Farm Miles Bo	artram	16		1944.8	Kind of Pack	cer
Well No. 1-Sn-8	01	13	4	4 10 10 10 10 10 10 10 10 10 10 10 10 10	Size of	
District Sin eslu	County Wayne	81/4				
Drilling commenced		65%			Depth set	
Drilling completed	Total depth	3			Perf. top	
Date shot	Depth of shot	2			Perf. bottom	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing	/10ths Merc. inInch				Perf. bottom	
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbshrs.					
011	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	_INCHES
Fresh water	feetfeet	FEET_	INCE	IES	FEET	_INCHES
Salt water	feetfeet	FEET	INCE	HES	FEET	_INCHES
Drillers' Names Buy	gess Mills - V	Valter Lo	we,	30311	1239	
				(OC	71950	
Remarks:		P. 0.		WEST WEST	VIRGINIA E	707
1661	he, oil on,	Deg Fren	· ,	LES WALLE	NI OF MINES	
		V		ELEOS61	8171818171	
9/25/50			00	allu	1	
DATE			4,0	della		2023"

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				Wel	I No		
COMPANY			ADDRESS				
ARMDISTRICTCOUNTY							
Filling Material Used	The second second second second						
Liner Loc	eation	Amount	Packer	Location			
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	JBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
						18642 STAD	
Mark Mark Land to							
			The second that are second	en e	F	i neza his	
And Control of the Co							
	18 18 18 18 18 18 18 18 18 18 18 18 18 1			1			
						1	
					the second		
rillers' Names							
Remarks:							
temarks;							
		G.					
DATE	I hereby certify I vi	sited the abo	ve well on this date				

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

FINAL INSPECTION REQUEST

INSPECTOR'S COMPLIANCE REPORT



OIL & GAS DIVISION
DEPT. OF MINES

11/10/2023

Permit No.	099-0723 REC	County Wayne/Lincoln	
Company Ca	bot Oil & Gas Corp. of WV	Farm Nile Bartram	
nspector	ARTHUR ST. CLAIR	Well No.	
ate Se	ptember 20, 1983		
	4		
		IN	COMPLIANCE
ULE	DESCRIPTION	Ye	
3.06	Notification Prior to starting W	lork _\lambda	
5.04	Prepared before Drilling to prev	ent waste	
5.03	High-Pressure Drilling		
6.01	Required Permits at wellsite	L	
5.03	Adequate Fresh Water Casing	<u></u>	
5.02	Adequate Coal Casing		
5.01	Adequate Production Casing	1	
5.04	Adequate Cement Strength	1	
3.02	Maintained Access Roads	<u></u>	
5.01	Necessary Equipment to prevent Wa	aste	
3.03	Reclaimed Drilling Site	1	
3.04	Reclaimed Drilling Pits		
3.05	No surface or underground Polluti	ion	
.03	Identification Markings	1	
MMENTS:			
	all Condition es	i Couple	.4
onles	Rea Condition	in trisker	1 Noto lo
un-1	Proper I Rant	of Occass Ro	A Rose
1121	of an logging	Road	0
	7/07	4	
have inspe	ected the above well and (HAVE/HAVE	NOT) found it to be in compli	ance with

all of the rules and regulations of the Office of Oil and Gas Department of Mines of

the State of West Virginia.



			Name and Post Office Address of the Owner, where the Owner, where the Owner, where the Owner, where the Owner,	Name and Address of the Owner, where the Owner, which is the Owner,		NAME AND ADDRESS OF THE OWNER, WHEN PERSON NAMED IN	
1.0 API well	l number: available, leave blank. 14 digits.)	•	47- •	099-0723	OIL & GAS DIVIN	3/0.	
	determination being sought: e codes found on the front form.)	107 Section of NGPA Category Code				NES	
location	of the deepest completion 1: (Only needed if sections 103 1in 2.0 above.)		_	NA	feet		
applicar maximu	address and code number of nt: (35 letters per line um. If code number not e, leave blank.)	Name P. (ork Corporat D. Box 3711 rleston	W	7 25337 tate Zip Code	N/A Seller Code	
or (b).] (a) For (35	n of this well: {Complete (a) onshore wells letters maximum for field ne.)	NA Field Nam Way			WV State		
(b) For	OCS wells:	NA Area Nam	Date of Lea		NA Block Number NA OCS Lease Number		
of t	ne and identification number his well: (35 letters and digits kimum.)	Nil	e Bartram	1-801			
of t	ode 4 or 5 in 2.0 above, name he reservoir: (35 letters kimum.)	NA					
pur ma:	ne and code number of the chaser: (35 letters and digits kimum. If code number not liable, leave blank.)	Tenne Name	ssee Gas Pi	peline Comp	any	018629 Buyer Code	
(b) Dat	e of the contract:			0,8,1,7,8 Mo. Day	3 ₀ , Yr.		
(c) Est	imated annual production:			1	.1MMcf.		
			(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	
	t price: iling date. Complete to 3 places.)		2.404	3 2 4	0.0	2 7 2 8	
(As of 1	im lawful rate: iling date. Complete to 3 places.)		2.404	3.2.4	0.0	2.728	
Date Receiv	responsible for this application: 64 Use Only ed by Juris. Agency 1 1980	Lawre Name Signature	ence B. Men	tzer	Corporat	e Attorney	
Date Receiv	ed by FERC	Date Application is Completed Phone Number					

FT7900806/2-2

TICH WIS: 0 N FATE: AUG 4 1980	BUYER-SELLER CODE
WELL CHERATOR: Tug Fork Corp.	1/1
FIRST FURCHASER: Tennessee Gas Pipeline Co.	NA
THER:	018629
'a. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER	
100331.107.099-0723	
e 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. 1V-2 Well Fermit	
4. IV.6 Well Plat	
5. IV-35 Well Record Drilling Deanening	
6. IV-36 Gas-Oil Test: Gas Coly Was Oil Produced?	
7. IV-39 Annual Freduction No Prodyears	
8. IV-40 90 day Froduction Days off line:	
9. IV-48 Application for certification. Complete?	
IV Form =51 - 52 - 53 - 54 - 65 - 56 - 57 - 58 Corplate?	FET WIT STOVERS
Ciber: Survey Logs Geological Charts	
Structure Map 1:4000Map Well Tal	culations
5) Date commenced: 8/15/50 Date completed ///18/50 Deepe	ned
5) Production Septh: 2953/3098;	
5) Freduction Formation: Br. 54 a/e;	
5) Final Open Flow: 7/mcEd	
5. Afrer Free, E.P. 300#	
f) Ctler Gas Test:	
7) Avg. Daily Cas from Annual Production: No	Prod
6) Avg. Daily Gas from 90-day ending w71 - 120 days	4
8) Line Pressure: None PS	16 from Daily Papert
5) Oil Production: Ves From Completion Report 14/2; 1583	15961169623
) Does lease inventory indicate enchanced recovery being done	No
) Is affidavit signed?Notarized?	
fficial well record with the Department confirm the submitted informat onal Information Does computer program confirm?	
	PL.

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

Date	MAR	? 3 1980	19
Operator Well No.	's	1-801	
API Well No. 47		099 -	0723

WELL CLASSIFICATION	N FORM
HIGH COST GAS	
NGPA Section 1	
	ESIGNATED AGENT Lawrence B. Mentzer
	DDRESS P. O. Box 3711
	Charleston, W.Va. 25337
	OCATION: Elevation 974 -
**************************************	Watershed N/A
ADDRESS P. O. Box 3711	Lincoln Wayne . Naugatuck
Charleston, W. Va. 25337	
GAS PURCHASER Tennessee Gas Pipeline Company	ontract No. TF-1
ADDRESS P. O. Box 2511 Houston, Texas 77001	eter Chart Code R0903
	Date of Contract 08/17/80
* * * * * * * * *	* * * * * * *
AFFI	DAVIT
	having been first sworn according to law,
state that, the well is producing natura	l gas produced from the fractures, micropores
and bedding planes of shales deposited d	uring 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 pur	poses of this statement, Devonian shale is
defined as that shale stratigraphic inte	that of the Ocean Comics, and the top of
Mississippian Berea Sand or, if absent,	chert equivalent, the top of the Huntersville
the chordaga limestone formation of its	e 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.	conclusion that the worl quarries as a
night cost natural gas well.	
	m > 1
	ames C. Dave
	Geologist
STATE OF WEST VIRGINIA,	
COUNTY OF Kanawha , TO WIT:	
I, Charlotte I. Mathews , a Notar	y Public in and for the state and county aforesaid,
do certify that James O. Sayre , whose name	
the 3rd day of March . 1980, has ac	knowledged the same before me, in my county
aforesaid.	212
	this 3rd day of March, 1980
My term of office expires on the $5th$	day of December . 1985.
	$\Omega I \longrightarrow \Omega M$
	harlatto Ill achews

[NOTARLAL SEAL]

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.

				0.		
1.0 API well number: (If not available, leave blank. 14 digits.	I	/ 7	099 _ 07	722)FF	La cast	and the same of th
2.0 Type of determination being sought:	<u>'</u>	_4/-	099 _ 0,	723	1	MINEE
(Use the codes found on the front	į	108	3		N/A	
of this form.)		Section	of NGPA		Category Co	ode
3.0 Depth of the deepest completion location: (Only needed if sections 103	į					
or 107 in 2.0 above.)	1		N/	Α .	feet	
4.0 Name, address and code number of applicant: (35 letters per line	Caha	+ 0/1 4 6				
maximum. If code number not	Name	t Oil & Gas	S Corporat	ion of	W.Va.	000728
· available, leave blank.)	P. O Street	Box 628				Seller Code
		leston		WV	2532	2.2
	City			State	Zip Cod	N. P. County
5.0 Location of this well: [Complete (a) or (b).]	Linc	coln				
(a) For onshore wells (35 letters maximum for field	Field N	lame				*****
name.)	County				WV	
(b) For OCS wells:	1			-	State	
	Area Na	1	N/A			
	Area Na	ame	; -		Block Numb	per
	İ	Date of t	_ease:			
	i	Mo. Day	Yr.	OCSI	ease Numbe	
(c) Name and identification number of this well: (35 letters and digits				0000	.case Numbe	r
maximum.)	Nile	Bartram 1-	801			
(d) If code 4 or 5 in 2.0 above, name	1					
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	Tennessee Gas Pipeline Company					07000
available, leave blank.)	Name Company				018629	
(b) Date of the contract:						Buyer Code
	į		0,8,1			
(c) Estimated annual production:			Mo. Da	ay Yr.		
	i		1			
		(a) Base Price	T		MMcf.	
		(\$/MMBTU)	(b) Tax		Il Other (Indicate	(d) Total of (a),
7.0 Contract price:				(+) or	(-).]	(b) and (c)
(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 Raind Whitchard				gional	Manager
Agency Use Only Date Received by Juris. Agency	Name Drilling & Product					& Production
MAY 25 1983	74 R I . D. O I					
Date Received by FERC	Signature					
THE PROPERTY OF PERCENTY	May 25,	1983		(2011		
		cation is Complete	ed .	(304) 34 Phone	47-1600 Number	MARKER

FT7900806/2-2

PARTICIPANTS: DATE: OCT 14 1983	BILVED CELLED OF
WELL OPERATOR: Cabot Oilt Gas Corp. of W.Vo.	BUYER-SELLER CO
FIRST PURCHASER: Tennessee Gas Pipeline Co.	000728
OTHER:	018629
W Va Department of Miles Office	
W. Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER	
830525-108-099:0723 QUALIFIED	
Use Above File Number on all Communications	
Relating to Determination of this Well	
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	
TIEM NO.	
7.0	+ 8.0
Jaird Whitehead	
zv z well reimit	
4. IV-6 Well Plat	
5. IV-35 Well Record Drilling Deepening	~
0. 1V-36 Gas-Oil Test: Gas Only Was Oil Produced?	Ratio
years years	
8. IV-40 90 day Production 92 Days off line:	encom
9. IV-48 Application for certification. Complete?	
10-17. IV Form 51 - 52 - 53 - 54 - 55 - (56) - 57 - 58 Complete?	
Geological Cham	
Structure Map 1: 4000 Map Well Tabu	lations
(5) Date commenced: 8 - 15 - 50 Date	, acrons
(5) Date commenced: 8 - 15 - 50 Date completed 11 - 14 - 50 Deepened (5) Production Depth:	-
(5) Production Formation: Brown Shale Big Lime (5) Final Open Flow: 71MCF	and the same of th
(5) After Frac. R. P. 300# 46 hrs.	
(6) Other Gas Test:	
(7) Avg. Daily Gas from Annual Production: <u>∠60 MCF</u>	
oas from 90-day ending w/1-120 days $\angle 60~mcF$	
70 "	from Daily Rope
From Completion Report 14/12	- /691
The state of the s	
Notaria 10	1/10/2023
with the Department confirm the author	VPC
computer program confi	763
Determination Objected to By Whom?	
	713

FORM	IV-	56WC	
[12-7	8]		-

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

Date_		May 2	25		19_83
Opera Well	tor'	^s Nile	Bartram	1-	801
API W	47	-	099		0723
S	tate	(County		Permit

WELL CLASSIFICATION FORM

STRIPFER GAS WELL

NGPA Section 168

	DESIGNATED AGENT H. Baird Whitehead
	ADDRESS P. O. Box 628
6 UV	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. Naugatuc
GAS PURCHASER Tennessee Gas Pipeline Co.	
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&O 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

FORM IV-56WC (Reverse) [12-78]

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 \underline{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. Bud West Land

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 25 th day of May . 19 83 , 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

1. The state of th

Notary Public

[NOTARIAL SEAL]

Title

DEPARTMENT OF MINES, OIL AND GAS DIVISION

May 25

Nell No Nile Bartram

1083

IV-39-WC

" OIL AND GAS STATE OF WEST VIRGINIA OFFARTHENT - MINES

ANNUAL REPORT OF MONTHLY PRODUCTION-198

51,20183

REPORT NO. CCATOIPI CURRENT DATE --REPORT DATE --

TOTALS

364

GAS VOLUMES IN MFC 2 14.73 DIL IN BARRELLS 2 60 DEGREES OPERATOR (Cabot Oil & Gas Corp. 10 1 18

268 OAS 30 SHUT-IN PRESSURE ø 34~183 53 18 COUNTY! WAYNE AVO. FLOW PRESSURE 40 P 3 APIMP-99-0723 FARM I NILE BARTRAM #1 55 28 ADR BE 89 3/ DAYS ONLINE GAS MFC 016 336

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 ~ B-7



CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

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

District Production Superintendent

REH/ccc

Attachment

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 Chief Engineer

TSF:jt



