DRILLING CONTRACTOR:



1)	Date: December	1	, 1982
2)	Operator's Well No. Grow #7		
3)	API Well No. 47	105	1028

County

Permit

State

Clint Hurt	STATE OF WEST VIRGINIA
Edens Fork, WV	DEPARTMENT OF MINES, OIL AND GAS DIVISION

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quirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

	August 2,	1983		unless dril	lling is commonandi
Bond:	Agent: OK	Plat:	Casing	Fee	lling is commenced prior to that date and prosecuted with due dilig
Blanket	20	111.3.	C:111	1894	Administrator, Office of Oil and Gas

#### Line Item Explanation

- Date of Application 1)
- Your well name and number 2)
- To be filled out by office of oil & gas
- "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.
- "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of 4B) 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.
  - Where well is located 5)
- 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
- Present surface owner at time application is filed. 8)
- 9) Optional
- See Reg. 7.01 relating to code §22-4-1k 11)
- tneiship association or corporation that proposes to "Coal Operator" means any persons, firm, 12) or does operate a coal mine. See Note 24
- As per §22-4-20; See Note 24 13 & 14)
  - Work that will be attempted—A separate from 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. 15)
  - Anticipated formation for which well will be completed
  - Self explanatory
  - Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
  - All coal seam depths 19)
  - 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, 20) 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 applicant 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 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.
  - Code 22-4-11(d) and 22-4-11(e). 22)

Date:

- 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.
- The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee

	TIMA	VAIVERLUNG	
nined this proposed well location. If a	d has no objection	to the work propos	of the coal under the well 2021 has exact of the well location, the well location has been ed to be done at this location, provided, the well Code and the governing regulations.



DATE	Oct	. 22	, 1982	
WEIT.T.	NO	CHOIL	7	

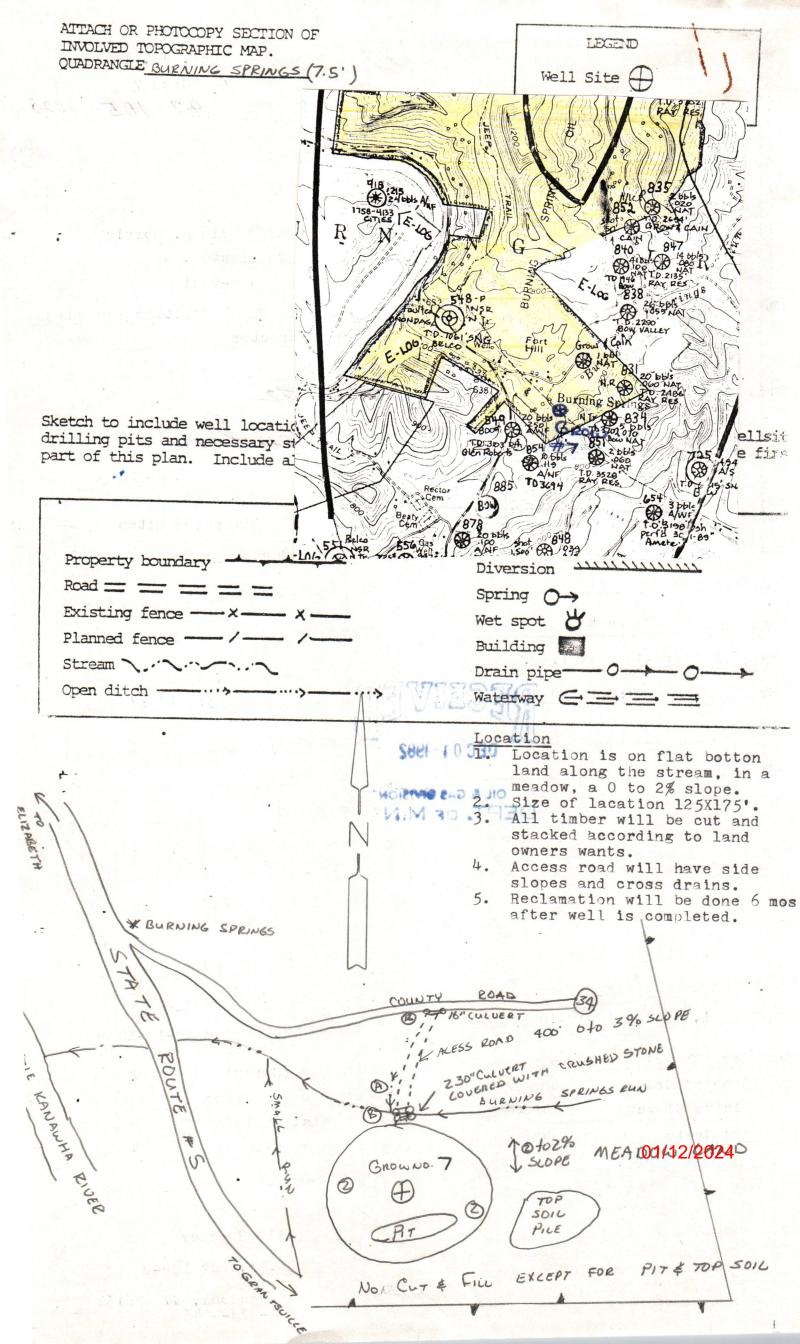
API NO. 47-105

## State of Mest Airginia

Bepartment of Mines Bil and Gas Bivision

## CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Wayman Buchanan		DESIGNATED AGENT Jim P. Morris
· Address San Antonio, Texas		Address Charleston, WV
Telephone 512-223-3897	na patridimen volume	Telephone 345-6631
LANDOWNER George Grow		SOIL CONS. DISTRICT Little Kanawha
Revegetation to be carried out by_	Ur	known Contractor (Agent
		e Kanawha SCD. All corrections
and additions become a part of this pl	an:	10-25-82
	0	(Date)
	Ja	rett lewton
200000 2000	0	(SCD Agent)
ACCESS ROAD		LOCATION
Structure Drainage Ditch	(A)	Structure Diversion Ditch
Spacing		Material Earthen
Page Ref. Manual 2:12		The second secon
1		Page Ref. Manual 2:12
Structure Culvert	(B)	Structure
Spacing 12" Min-30" Max I. D.		Material Straw
Page Ref. Manual 2:7 & 2:8	TOTAL	The state of the s
N. S.	200 E	Page Ref. Manual 3:6 & 3:7
Structure	0 1- 1982	Structure
Spacing	01 100E	Material
raue roet wanta	GAS ONISIO	Page Ref. Manual
All structures should be inspected commercial timber is to be cut and s cut and removed from the site before	regularly	and repaired if necessary. All
R	EVEGETATIO	ON
Treatment Area I	•	The same is a second se
ime 3 Tons/acm	a	Treatment Area II
or correct to pH 6-5		or correct to pH 6-5
Certilizer 1,000 lbs 10-10-10lbs/acre (10-20-20 or equivalent)		Fertilizer 1.000 1bs 10-10-10bs/acre
tulch Hay (Straw) 2 Tons/acre	2	(10-20-20 or equivalent)
eed*_Orchard Grass 40lbs/acre		The same of the sa
Alsike Clover 4lbs/acre		And
Rye Grain 41bs/acre		Rye Grain 01/12/2024
*Inoculate all legumes such as vetch, noculate with 3X recommended amount.	trefoil a	and clovers with the proper bacterium.
	PLAN PREF	ARED BY Olin Shockey
NOTES: Flense request landowners'	, i	DURFSS Rt. 1, Box 139-B
seedling for one growing season. Attach separate sheets as necessary for commute		Ravenswood, WV 26164



## Oil and Gas Lease

53-18

EDOLAGE PAGE 131

Agreement

Made and entered into the 15th ay of September A.D., 1982 by and between

George C. Grow, Jr. and George C. Grow, Inc., a New Jersey Corporation.

626 Shadowlawn Dr.

Westfield, NJ 07090

panies of the first part hereinafter called Lessor and Wayman W. Buchanan, 444 Petroleum Commerce Building, San Antonio, Texas 78205

, party of the second part, hereinafter called Les

1. That for and in consideration of the sum of One Dollar (\$1.00) and other valuable considerations in hand paid by Lessee, the receipt of which is hereby acknowledged, and covenants and agreements hereinafter contained, Lessor does hereby grant, demise, lease, and let onto Lessee for its exclusive possession and use for the purpose of (a) exploring apecting, drilling, operating for and producing oil and gas, including casinghead gas and casinghead gasoline condensate, (b) saving, treating, transporting and caring for said producting therefore, and from lands operated therewith, brine and other refuse and injecting the same, gas, and any other substances into the subsurface thereof, (d) exercising and privileges hereinafter granted to Lessee, (e) constructing, operating and maintaining thereon all structures and facilities necessary or convenient for any and all said purposes pooling or unltizing the same with other lands for such purposes, as hereinafter more fully set out, all that certain tract of land situated in Clay and Burning S Districts of Wirt County, and Grant District of Ritchie County, State of West Virginia, a described as follows:

All those certain tracts of land described in Exhibit "B" attached hereto and made a part of this oil and gas lease.



DEPT. OF MINE

and bounded substantially by lands now or formerly owned as follows:

On the South by\_\_\_\_\_On the West by.

containing 2,337.75 acres, more or less. In addition to the above described land, any and all strings or parcels of land adjoining or contiguous to the above described land a ed or claimed by Lessor are hereby leased to Lessee.

On the East b

Lessee shall be responsible for any damage to growing crops, fences, and buildings which may result from said operations. No well shall be drilled within 200 feet of any house now on said premises without consent of Lessor. Lessor agrees that Lessee may enter upon leased premises, search for and clean out any abandoned oil or gas well, and such we then be considered to have been drilled under the terms of this lease. The same may be properly plugged and abandoned again or refitted and utilized by Lessee for the production oil. Lessor shall allow Lessee reasonable easements for roadways or pipelines on or across lands herein leased for operations conducted on other lands operated by Lessee.

- 2. Lessor hereby warrants and agrees to defend the title to said land and agrees that Lessee, at its option, may discharge any tax, mortgage or other lien upon said land, either in the line of land, either in the land, either

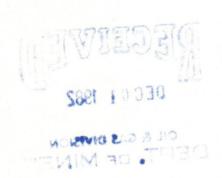
5 The royaltles reserved by Lessor, and which shall be paid by Lessee, are: (a) on oil (including but not limited to distillate and condensate) one-eighth (1/8) of that produced a from the leased premises, the same to be delivered at the wells or to the credit of Lessor in the pipeline to which the wells may be connected, provided, however, Lessee may from time purchase such royalty oil, paying therefor the current market price at the wells in the field or area for oil (crude) having the same or nearest to the same gravity; (b) on gas, i casinghead gas and all other gaseous or vaporous substances, produced from said land and sold or used off the leased premises, the market value at the wells of one-pighth (1/8) or so sold or used, such market value at the wells in no event to exceed the net proceeds received by Lessee calculated or allocated back to the wells from which produced, making a and deduction for a fair and reasonable charge for gathering, compressing and making merchantable such gas, provided, that on gas sold at the wells, the royalty shall be one-eigh the net proceeds received by Lessee from such sale, after such allowance and deduction, and provided further that, If any such sale of gas is regulated as to price by any gove agency having jurisdiction, such market value or net proceeds shall in no event exceed the amount received by Lessee, not subject to refund, calculated or allocated back to the w which produced, making allowance and deduction of a fair and reasonable charge for gathering, compressing and making merchantable such gas and which amount may be full justed up or down prospectively or retrospectively when the price or rate authorized by such governmental agency is finally determined. During any period (whether before or after a of the primary term hereof) where there is a gas well on the leased premises or on a unit that includes all or a part of the leased premises, however designated, capable of product paying quantities and gas is not being sold or used and the well or wells are shut-in for a period of one year and there is no current production of oil or gas or operations on sa premises or any portion or stratum thereof sufficient to keep this lease in force, Lessee shall be obligated to pay or tender as shut-in royalty an amount (which shall be the same and paid regardless of the number of shut-in wells and regardless of whether the shut-in well or wells be located upon said leased premises or upon such other acreage as is embraced unli) equal to the delay rental as provided herein, payable annually at the end of twelve months from date such well is shut in and while said royalty is so paid or tendered this leas held as a producing property under the provisions of this lease. The amount of each such payment or tender may be paid by check or draft of Lessee in the same manner as pr Paragraph Seven (7) hereof, and such payments may be made beyond the primary term. Lessee shall use reasonable dilligence to market gas capable of being produced from such well or wells but shall be under no obligation to market such gas under terms, conditions, or circumstances which, in Lessee's judgment exercised in good faith, are unsatisfactory shall have free use of oil, distillate, condensate, gas, and water from the leased premises for all operations hereunder.

\*\*Ninety\*\*

6. Lease agrees to commence drilling operations on said premises on or before XKK tays from the execution of this lease or pay to Leasor a delay rental at the same of the same of the lease of the same of the lease of the

8. Lessee agrees to commence drilling operations on said premises on or before XNX tays from the execution of this lesse or pay to Lessor a delay rental at it 1 not the lessed premises, or on acreage pooled therewith as above provided or until this lesse is autrendered. If operations for drilling are commenced on the lessed premises, or or pooled therewith as above provided, before the end of the term for which delay rentals have been made to Lessor, the unaccrued portion of said payment shall be credited to Lessor delay rentals or royardles that may be due Lessor. Drilling operations shall be deemed to be commenced when the first material is placed on the lessed premises or when the other than environing or staking the location, is done thereon which is necessary for such operations.

7. Fallure to pay or error in paying any rental or other payment due hereunder shall not constitue a ground for forteliture of this lease and shall not affect Lesse's obligation to repayment, but Lesses shall not be considered in default on account thereof until Lessor has first given Lesses written notice of the non payment and Lesses shall have falled for sixty (60) days after receipt of such notice to make payment. Payment or tender of rental or other payment hereunder may be made by check or draft of Lesses delivered or ma authorized depositivity bank or Lessor (at address tast known to Lesses) on or before such date for payment, and the payment or tender will be deemed made when the check or delivered or mailed. If said remed or successor bank (or any other bank which may, as hereinabler provided have been designated as depository) should fall or liquidate or for a refuse or fall to accept sphtal, Lesses shall not be held in default for fallure to make such payment or tender until staty (60) days after Lessor shall deliver to Lesses a proper received to a strong another bank to receive such payments or tenders. The above named or successor bank or any other bank which may be designated as apposition, shall be be delivered.



back, or reworking on or tiefore the delay rental paying date next ensulng after the expiration of ninety (90) days from date of completion of dry hole or cessation of production. If at subsequent to ninety (90) days prior to the beginning of the last year of the primary term and prior to the discovery and production of oil or gas on the leased premises or on acreage poole therewith, Lessee should drill a dry hole thereon, no delay rental payment or operations are necessary in order to keep the lease in force during the remainder of the primary term. If at the expiration of the primary term, oil or gas is not being produced on the leased premises or on acreage pooled therewith, but Lessee is then engaged in drilling, deepening, plugging back, of reworking operations thereon or shall have completed a dry hole thereon within ninety (90) days prior to the end of the primary term, the lease shall remain in force so long as operations of said well or for drilling, deepening, plugging back, or reworking of any additional well are prosecuted with no cessation of more than ninety (90) consecutive days and, if they result in the production of oll or gas, so long thereafter as oll or gas is produced from the leased premises, or on acreage pooled therewith. 9. Lessee, at any time, and from time to time, may surrender this lease as to all or any part or parts of leased premises by tendering an appropriate instrument of surrender to the Lesse or file for record a release or releases of this lease as to any part or all of said land or of any mineral or horizon thereunder, and thereupon this lease, and the rights and obligations of the pa ties hereunder, shall terminate as to the part or parts so surrendered. Upon each surrender as to any part or parts of leased premises the rental and all other payments specified above shall be proportionately reduced on an acreage basis and Lessee shall have reasonable easements for then existing pipelines or roadways on the lands surrendered for the purpose of continuing operations on the lands retained. Lessee shall have the right at any time during or after the expiration of this lease to remove all machinery, pipelines, fixtures, buildings, or other structure placed on said premises, including the right to pull and remove all casing. Without impairment of Lessee's rights under the warranty in event of failure of title, it is agreed that if Lessor owns an interest in the oil or gas on, in or under any part of the least premises less than the entire fee simple estate (whether Lessor's interest is herein specified or not and whether or not this lease purports to cover a whole or a fractional interest), then the royalties and delay rentals to be paid Lessor shall be reduced in the proportion that his interest bears to the whole and undivided fee and in accordance with the nature of the estate which Lessor is seized. Said Lessee shall not be required in any event to increase the delay rental or the gas or oil royalty payments hereunder by reason of any royalty or interest in said or gas that may have been heretofore sold, reserved or conveyed by said Lessor or by his predecessors in title or otherwise, and if the Lessor does not have title to all the oil and gas in ti leased premises, there shall be refunded such part of all payments made by the Lessee hereunder as shall be proportionate to the outstanding little, and all payments and royalti thereafter to be made shall be reduced in the same proportion. 11. In case of notice of, or an adverse claim to the premises, affecting all or any part of the delay rentals or royalties, Lessee may withhold payment or delivery of the same until the ownership is determined by compromise, or by final decree of a court of competent jurisdiction, and to this end Lessee may file a petition for interpleader. 12. The rights of either party hereunder may be assigned in whole or in part; but no change or division in ownership of the leased premises, delay rentals or royalties or in the status of a party, however accomplished, shall operate to enlarge the obligations or diminish the rights of Lessee. No change in such ownership or status shall be binding on Lessee until thirty (3 days after Lessee shall have been furnished by U.S. Mall at Lessee's principal place of business with a certified copy of recorded instrument or instruments evidencing same. In the event assignment hereof in whole or in part, liability for breach of any obligation hereunder shall rest exclusively upon the owner of this lease or of a portion thereof who commits such breach. the event of the death of any person entitled to any sum hereunder, Lessee may pay or tender the same to the credit of the deceased or the estate of the deceased until such time as Lessee. is furnished with proper evidence of the appointment and qualification of an executor or administrator of the estate or if there be none, evidence satisfactory to it as to the helis or devise of the deceased and that all debts of the estate have been paid. If at any time two or more parties are entitled to or adversely claim any sum payable hereunder, or any part thereof, Less may have or tender the same either jointly to such parties or separately or to each in accordance with his respective ownership thereof. In event of assignment of this lease as to a segregation portion of the leased premises, the delay rentals and shut-in royalties payable hereunder shall be apportionable as between the several leasehold owners ratably according to the surface. area of each, and the failure to pay delay rentals or shut in royalties on the one segregated portion of the leased premises shall not affect the rights hereunder of the party holding the off segregated portion hereunder. If six or more parties become entitled to royalty hereunder, Lessee may withhold payment thereof unless and until furnished with a recordable instrument ecuted by all such parties designating an agent to receive payment for all. 13. The breach by Lessee of any obligation arising hereunder shall not work a forfeiture or termination of this lease nor cause a termination or reversion of the estate hereby nor grounds for cancellation hereof in whole or in part. In the event Lessor considers that operations are not at any time being conducted in compliance with this Lease, Lessor shall not Lessee in writing of the facts relied upon as constituting a breach hereof and Lessee, If in default, shall have 60 days after receipt of such notice in which to commence the compliance the obligations imposed by virtue of this instrument. 14. Lessor shall be entitled, at his sole risk and expense, to 200,000 cubic feet of gas per annum free of cost for use in one domestic dwelling from one producing gas well on premises, providing that said well has sufficient pressure for such use. Lessor agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessee shall not be held lia for any accident or damage caused by Lessor's said use of gas, nor shall Lessee be liable for any shortage or fallure in supply of gas for said domestic use. Lessor hereby expressly relinquishes dower and releases and waives all rights under and by virtue of the homestead exemption laws of the state wherein premises are situated inscribed in the state wherein premises are situated in some state wherein some sta as the same in any way may affect the purpose for which this lease is made. 16. Should any one or more of the parties named herein as Lessor fail to execute this lease, it shall nevertheless be binding on the party or parties executing the same and additional parties. ties may execute this lease as Lessor, and this lease shall be binding on each party executing the same notwithstanding that such party is not named herein as Lessor; and all of the property sions of this lease shall inure to the benefit of and be binding on the parties hereto and their respective heirs, legal representatives, successors and assigns, and successive successors 17. Lessee's obligations under this lease, whether express or implied, shall be subject to all applicable laws, rules, regulations and orders of any governmental authority has jurisdiction, including restrictions on the drilling and production of wells and the price of oil, gas and other substances covered hereby. When drilling, reworking, production or other opportunity is a substance of the price of oil, gas and other substances covered hereby. When drilling, reworking, production or other opportunity is a substance of the price of oil, gas and other substances covered hereby. tions are prevented or delayed by such laws, rules, regulations or orders, or by Inability to obtain equipment, services, material, water, electricity, fuel, access or easements, or by fire, figure 1. war, rebellion, insurrection, riot, strike or labor disputes, or by inability to obtain a satisfactory market for production or failure of purchasers or carriers to take or transport such production. or by other cause not reasonably within Lessee's control, this lease shall not terminate because of such prevention or delay, and, at Lessee's option, the period of such prevention or d be added to the term hereof.
through 24, inclusive - See Attachment "A" IN WITNESS WHEREOF, this inst WITNESS This Document Prepared by: GEORGE C/. GROW, INC., Fred Q. Clark THOMPSON, L.C. CLARK Suite 612, Peoples Bldg. WV 25301 Charleston, TERSEY NEW UNION STATE OF ATANZARO GEORGE personally known to me to be the same person, whose name 15 subscribed to the foregoing instrument, appeared before me this day in person, and signed, sealed and delivered the said instrument as 4/5 free and voluntary act, for the uses and purposes therein set forth, Seal, this 21 STday of SEPTEMBERAD. 19 82 BARBARA H. CATANZARO NOTARY PUBLIC OF NEW JERSEY 01/12/2024 My Commission Expires Mar. 7, 1986 NEW VERSEY STATE OF\_ COUNTY OF UNION CATANZARO GEORGE C A NEW JERSKY CORPO whose name 15 subscribed to the foregoing instrument, appeared before signed, scaled and delivered the said instrument as 115 free and voluntary act, for the uses and purposes therein set forth, and delivered the said instrument as 115 free and voluntary act, for the uses and purposes therein set forth, and delivered the said instrument as 115 free and voluntary act, for the uses and purposes therein set forth, and delivered the said instrument as 115 free and voluntary act, for the uses and purposes therein set forth, and delivered the uses and purposes therein set forth, and delivered the uses and purposes therein set forth act to the uses and purposes therein set forth and delivered the uses and purposes therein set forth act to the uses and purposes therein set forth act to the uses and purposes therein set forth act to the uses and purposes therein set forth act to the uses and purposes therein set for the uses and to the uses and the use of that such Given under my hand and Seal, INIONIST day of SCRIENTER APH. CATANZARO

My commission explices 1188CH 7 1886 MOTARY PHOLIC OF NEW JERSEY OF NEW JERSEY

53-18

100 MAGE 133

- 18. LESSOR hereby excepts and reserves all formations from the surface of the herein leased premises to the top of the Big Lime formation.
- 19. In addition to the one-eighth (1/8) royalty interest reserved by LESSOR in paragraph 5, herein, LESSOR reserves an additional one-thirty second (1/32) royalty interest, so that wherever in paragraph 5, herein, the term "one-eighth, (1/8)" appears, it shall be read as "five-thirty seconds, (5/32)".
- In addition to the royalty interests specified herein, LESSOR shall receive a One-Sixteenth (1/16th) working interest in any well drilled under the terms of this agreement after LESSEE has recouped all drilling and production costs applicable to such well, together with the recoupment by LESSEE of any and all bonus payments paid to LESSOR and all associated acreage costs paid by LESSEE for the total acreage specified herein. Working interest shall be defined as Eighty per cent (80%) of the gross proceeds from any well less One Hundred per cent (100%) of all costs incurred in the drilling and production of said well. working interest herein provided to LESSOR shall be a net profits interest and LESSOR shall not be required to prepay any costs incurred by said working interest. It is agreed that drilling costs for each well shall be considered recouped when all monies spent for the drilling of such well have been recovered by LESSEE or when LESSEE has recovered Three Hundred Ten Thousand Dollars (\$310,000.00) per well, whichever amount is less. In addition, bonus payments and all associated acreage costs shall be recouped at the rate of Thirty-Six Thousand Five Hundred Dollars (\$36,500.00) per well until all such costs are recouped, making the 1/12/24/24 maximum recoupable cost per well prior to LESSOR receiving the aforesaid working interest Three Hundred Forty-Six Thousand Five Hundred Dollars (\$346,500.00). It is.

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expressly understood and agreed that recoupable costs herein defined shall not be recouped from or otherwise affect the prompt and timely payment of any and all royalties herein reserved to LESSOR.

- 21. Each well drilled by LESSEE on the subject acreage will hold One Hundred and Twelve (112) acres thereof by production within the meaning of Paragraph 3, herein, and the location of such acreage around each well shall be determined by the LESSEE in his sole discretion.
- LESSEE agrees to commence drilling operations for the first well on the subject acreage within ninety (90) days after the execution hereof. The parties hereto recognize that the acreage which is the subject of this Lease is the same acreage which is the subject of an Assignment between these parties bearing even date herewith, and that the commencement of drilling operations upon any of the properties leased or assigned shall be such as to satisfy any drilling commitment as required in said Assignment or this Lease. In order to hold by production the subject acreage as set forth in paragraph 21 herein, LESSEE agrees thereafter to drill additional wells at the rate of one well per each ninety day period. It is understood and agreed that each ninety day time period shall be cumulative for each well drilled and the drilling of additional wells shall not be required until all ninety day time periods established by previously drilled wells have expired. It is further understood and agreed that the provisions of this paragraph relate only to the manner in which the subject acreage or any part thereof is to be held by production and there is no covenant by LESSEE to drill any specific number of wells nor is there any restriction on the maximum number of wells which LESSEE can drill thereon. If LESSEE does not drill the twenty wells necessary to hold the entire leased premises as a producing property, then LESSEE shall release all acreage which is not held as a producing property. amount of acreage to be released will be determined by

GEORGE C. GROW, JR.

subtracting the number of wells drilled from twenty and multiplying that number by One Hundred and Twelve (112) acres, and the location of such acreage shall be determined by the LESSEE in his sole discretion.

- 23. In addition to any other bonus consideration paid to LESSOR, LESSEE agrees to pay LESSOR Ten Thousand Dollars (\$10,000.00) per well as a bonus payment for the eleventh (11th) through twentieth (20th) wells drilled upon the leased premises. Said payment shall be made at the commencement of drilling operations for the eleventh (11th) through and including the twentieth (20th) well so drilled, provided however, that in the event LESSEE is not satisfied with the state of LESSOR'S title to any of the herein leased premises prior to the drilling of said wells, LESSEE may in its sole discretion reject such acreage by the tendering of a release of said acreage, and LESSEE shall receive a credit of Two Hundred Ten Dollars (\$210.00) per gross acre to be credited against payments due LESSOR for drilling the eleventh (11th) through twentieth (20th) wells as provided herein for a maximum credit of One Hundred Thousand Dollars (\$100,000.00). Any amount of the aforesaid credit shall be applied against the Ten Thousand Dollar (\$10,000.00) bonus payments on a well-by-well basis, commencing with the eleventh (11th) well, and shall not be applied on a prorata basis.
  - 24. LESSOR agrees that all monies received by LESSOR under the terms of this Lease shall be applied by LESSOR to discharge in due course all liens of record which affect the subject acreage.

01/12/2024

GEORGE C. GROW, JR.

GRANTOR	GRANTEE	EXHIBIT B DESCRIPTIVE NAME	ACREAGE	DATE	RECORDING 038
	BURNING SPRINGS DIST	BURNING SPRINGS DISTRICT, WIRT COUNTY, WEST VIRGINIA	VIRGINIA		
Louis Roberts, et al.	George C. Grow et al	Rathbone Oil Tract	1,129 by deed	11/30/1938	DB 90/273 DB 89/350
Louis Roberts, et al.	George C. Grow et al	W.H.H. Wheaton Lot	2	11/30/1938	DB 90/273 DB 89/350
	George C. Grow	Thorn & Roberts Tract	6	7/31/1936	DB 86/467
O. E. Grow	· .	W.H.H. Wheaton Lot	8-3/4	7/31/1936.	DB 86/467
Mildred Kirby et al.	o.	Whitecotton Tract	46-3/4	8/17/1981	DB 162/968
toth Tooton Dhilling		Coplin Tract	50	1/9/1982	DB 163/418
Elizabeth leeter fillityps	G. Grow	Wetzel Tract	3	6/5/1951	DB 109/99
		Gracy Tract	32	6/5/1951	DB 109/99
		W.H.H. Wheaton Lot	15	6/5/1951	DB 109/99
		Wetzel Tract		6/5/1951	DB 109/99
		Wetzel Tract	5	6/5/1951	DB 109/99
L. E. Snuck O. I. Louis Roberts. et/al.		Werzel Tract	9	11/30/1938	
	George C. Grow et al	Rathbone Lot # 1	7-3/4	11/30/1938	DB 90/273

GEORGE C. GROW, JR.

166 NG 132

VIKGINIA	
WEST	
COUNTY.	
TOTIL	MINT
1	DISTRICI,
	CLAY

RECORDING  DB 122/420  DB 79/463  DB 98/280  DB 88/486  DB 79/463  DB 79/463	DB 95/322 DB 107/186
DATE 11/27/1961 5/20/1929 9/23/1944 7/19/1937 5/20/1929 5/20/1929	4/20/1929
ACREAGE  67  167 by Deed 253 by Survey 99  43  200 by Deed 312 by Survey	VIRGINIA 62½ 65 2,337.75
CLAY DISTRICT, WIRT COUNTY, WEST VIRGINIAND DESCRIPTIVE NAME  W  Bailey Tract  California Tract  Swisher Tract  Swisher Tract  NARY Nelson Tract  Rex Lease  DW  J. F. Dravo Tract	GRANT DISTRICT, RITCHIE COUNTY, WEST V  Grow  Deem Tract  TOTAL ACREAGE
George C. Grow	George C. Grow George C. Grow
GRANTOR  Jal D. Bailey, et al.  Roberts Oil Company  Etta Swisher  John M. Nelson, et al.  Roberts Oil Company	Roberts Oil Company Roberts Oil Company H. H. Haynes, et al.

01/12/2024

Received for Record on the 39 day of 1920 a 355 O'clock M. Recorded in the Office of the Clerk of the County Commission of Wirt County, W. Va.

In Deed Book No. 1620 at page 131 In Deed Book No. 1000

Sushan Musik County Commission

1 . . . . .

ANDREA MCCOY

of the Clerk of the County Commission of Ritchie Filed and admitted to record in the office County, W. Va. SEP 89 1982

19 at 9:00 Plock A M

Recorded in hease

Book No. 142 Puge

(Fev 8-81)

Sixte of West Firguria Well No. 12884 Bepartment of Mines Gil und Cas Zivision APR1 4 1303

Date Jan. 3, 1983 Coarstoris Farm Grow #7

API NO.047 -105 -102 105-1028

GAS PROCUREMENT WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STEMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil x / Gas x / Liquid Injecti (If "Gas," Production / Undergr	on/ Was curd Stora	te Disposa ge/ Dee	l/ p/ Sha	allow_x_/
LOCATION: Elevation: 759.6' Watershed B	urning Sp	rings		
District: Surning Springs nty Wirt			e <u>Burnin</u>	g Spring
CMPANY Wayman W. Buchanan				
ADDRESS San Antonio, Texas 78205		7	1	T-
DESIGNATED AGENTJim P. Morris	Casing	Used in	Left	Cement fill up
	Tubing	Drilling	in Well	Cu. ft.
ADDRESS Charleston W. V. 25301	Size			
SURFACE CONVER George C. Grow, Jr	20-16 Cond.			
ADDRESS Westfield, N.J. 07090	13-10"			
MINERAL RIGHTS OWNER same as above ADDRESS	9 5/8		346'	150 sks
	8 5/8		per per	
OIL AND GAS INSPECTOR FOR THIS WORK Deo  Mace ADDRESS Sandridge, W.V.	7		1190'	250 sks
	5 1/2		1130	1 250 GKS
PERMIT ISSUED Dec. 1, 1982	4 1/2		4107'	204 sks
DRILLING COMENCED Dec. 26, 1982	3		4107	1204 585
DRILLING COMPLETED Dec. 31, 1982	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REMORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
CEDIOGICAL TARGET FORMATION Devonian Shale		Dent	h 4000	5
Depth of completed well 4122 feet	Rotary x	/ Cable	4800	
Water strata depth: Fresh 120 feet;	Salt 560	feet	. 10013	
Coal seam depths: None	Is coal	being mine	d in the	=ros3 No
CFEN FLOW DATA				4
Producing formation Devonian Shale	Pav	Zona čent	h 1866-3	937 -
Gas: Initial open flow S/G Nat Mcf/d	Oil: Ini	tial coan	f] ~	337 10-6
Final open flow 380 Mcf/d	Fir	al coan fi	COLUMN UN	at. sbl
Time of open flow between init	ial and fi	nal teste	18 5-	24 Eb1/0
Static rock pressure 700 psig(surface	ביוני ביות	pant) after	10 1	ırs
(If moliospie due toIti-i		حادر ما تعا	TO DOM	rs shut ir

Pay zone depth

\_Mof/d Oil: Final open flow \_\_\_\_\_ Fb1/d

Cas: Initial open flow Mcf/d Oil: Initial open flow Fbl/d

Time of eyen flow between initial and final toute

ficet

(If applicable due to multiple completion--)

Second producing formation\_\_\_\_\_

Final open flow

DETAILS'OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, EIG.

3/30/83 Selectively perforated zone 1 with 28 0.375" ID holes 3363-3937.

4/3/83 Fractured Zone #1 with 26,100# 20/40 sand and 456,000SCF N<sub>2</sub> Used 63 bbls 90 quality wes-foam. Perforated zone #2 under 1350# press. w/28 holes from 2644 to 3032. Used 513,000 SCF N<sub>2</sub>, 12,400# 20/40 sand & 45.5 bbls of 90.6 quality wes-foam. Perforated Zone #3 from 1866-2493. Used 27,737# 20/40 sand, 586,000 SCF N<sub>2</sub> and 60.3 bbls. of 80 quality wes-foam

### WELL LOG

FORMATION	COLOR HARD OR SOFT	TOP FEET	BOTTCM FEET	REFARKS  Including indication of all f
	Sand and shale Sand Shale Sand Shale Sand Shale Siltstone/Sand Shale Maxton Sand Big Lime Big Injun Shale Squaw Shale Siltstone Shale Sunbury Shale Berea Siltstone/Shale Shale Shale TD	0 330 368 396 500 541 582 668 748 771 778 904 989 1028 1060 1358 1435 1447 1452 1820 3822 4122	330 368 396 500 541 582 668 748 771 778 904 989 1022 1028 1060 1350 1368 1435 1447 1452 1820 3806 3822 4122	and salt water, coal, oil and

(Attach separate sheets as necessary)
01/12/2024

Well Operator

By: Our Unitation

Date: April 12, 1983

Wayman W. Buchanan

#### STATE OF WEST VIRGINIA

## DEPARTMENT OF MINES



JAN 4 - 1983

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

## INSPECTOR'S WELL REPORT

			Oil or Gas Well		
Company Wayman Buchana	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS	
Address	Size		and the second	amazigi , a a masa .	
Farm Grow	16	50 m	49.	Kind of Packer_	
Well No	13	programment of the			
District Bunky Spring County Wh	E 81/4	The state of the s		Size of	
Drilling commenced 12 - 26 - 82	6%	a di Lin de Pakaro di A	and many desired the second	Depth set_	
Drilling completedTotal depth	5 3/16			and the second second section is the	
Date shotDepth of shot	3		f = q = 12 ·	Perf. top	
Initial open flow/10ths Water in	Inch Liners Used			Perf. top	
Open flow after tubing/10ths Merc. in	Inch			Perf. bottom	
Volume	Cu. Ft. CASING CEMEN	TED	SIZE	No. FTDa	
lock pressurelbs	hrs. NAME OF SERV			Da	
oilbbls., 1st 2		OUNTERED A	т	FEETINCHE	
resh waterfeet	feetFEET			EETINCHE	
alt waterfeet	feet  FEET	INCHE		EETINCHE	
rillers' Names Hut 2					
emarks:					
336' of 976" casting	Haliberton	coment	al 15	d 545	

12-27.82

Wis Mar

DATE

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

Permit No.	•	-			We	II No	
COMPANY	ma FQ		ADDRE	css			
FARM	A STATE OF THE STA	DISTRI	CT		_COUNTY		
Filling Material Used	.1.E.W	241211111					
Liner Loc	eation	Amoun		Packer	Location	1	
PLUGS USED A	ND DEPTH PLACED		E. S.	RIDGES	CASIN	G AND T	UBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRU	CTION-LOCATION	RECOVERED	SIZE	LOST
				The following of the description will be a second	14130/		The second second
The state of the s						market on the other life.	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
					icali fetoT	e annue en	erslamce so
					Jone To Migoli		20ths
Total Town			beelf every	1 and 1 and 2	son V adible		woh asgo
and deciding				fort int	syst silion	- 19 <sup>11</sup> 3	dat reite wal
		2000 100	mazen notico	5 68 10		a part in a sufficiency	
40.00	NO A	VICE COM	SEE TO EMA		801		*1.32.32
TTWEES	17TA (	BREEKE	Marit Was Envi	27 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	140		
rillers' Names	977	OVE	120		3493		23:11.0
	3 1 2018	INCI	THE	1332			1015
Remarks:	CHICAGO A CANADA		A STATE OF THE STA				agera V

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

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



### INSPECTOR'S WELL REPORT

Permit No. 105-1028

OIL & GAS DIVISION
DOFFORGE WEE MINES

			İ	( KI	ND)	
Company Waymi	an Buchanan	TUBING	DRILLING	WELL	PACKE	RS
Address		Size				
Farm G. OR	OW	16			Kind of Packe	er
Well No		13				
District B. S.	County Wit	81/4			Size of	
Drilling commenced		6%			Depth set	10 10 10 10 10 10 10 10 10 10 10 10 10 1
Drilling completed	Total depth	5 3/16				
	Depth of shot	3			Perf. top	
		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 CEMEN	NTED	_SIZE	No. FT	Dat
lock pressure	lbshrs.					
Dil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
Fresh water	feetfeet	FEET_	INCH	ES	FEET	INCHES
Salt water	feetfeet	FEET_	INCHI	ES	FEET	INCHES
Orillers' Names						
Remarks:	* 7	+11	1105 110	* 4:0		
Deed	langtion not ste	ucas, 61	1000. 110	o sigo.	7	
Shaw	I home receive	of final	Map.	Mar	les.	
		•				

6-10-83

Wes MOXICE 2024

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

			Wei	1 No		
		ADDRESS				
eation	Amount	Packer				
ND DEPTH PLACED		BRIDGES			BING	
WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
		- 4				
					v	
				- The state of the	-	
				and the second		
			1			
The second secon	eation  ND DEPTH PLACED  WOOD—SIZE	DISTRIC	ADDRESS  DISTRICT  Construction  Amount  Packer  Packer  Packer  Construction-Location  Construction-Location	ADDRESS  DISTRICT COUNTY  Eation Amount Packer Location  ND DEPTH PLACED BRIDGES CASIN  WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED	ADDRESS  DISTRICTCOUNTY	



## DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION

## OIL & GAS DIVISINSPECTOR'S WELL REPORT

Permit No./05-/0	028				Oil o	Gas Well	
Company Way	nan Bu	chanar	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PAG	CKERS
Address			Size				
Farm Grou	× ×		16			Kind of Pa	icker
Well No. #7	7		13				
District Spr	ing County L	Wiit	81/4			Size of	
Drilling commenced			65%			Depth set_	
Drilling completed	Total dans		5 3/16		-		
			3			Perf. top_	
Date shot	Depth of shot.		2			Perf. botto	m
Initial open flow	/10ths Wate	er inInch	Liners Used			Perf. top_	
Open flow after tubing	/10ths Merc	inInch				Perf. botto	m
Volume		Cu. Ft.	CASING CEMEN	TED	_SIZE	No. FT	Date
lock pressure	lbs,		NAME OF SERV				
);[	bb	ls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
resh water	feet	feet	FEET_	INCH	ES	FEET	INCHES
alt water	feet	feet	FEET_	INCHE	S	FEET	INCHES
Prillers' Names	-					files and character and construction and	
emarks:							
grass co	ver the	n'					

9-9-83

Ous Mod 12/2024

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

*		ADDRESS			
	DISTRICT_				
		C	OUNTY		
	Amount	Packer	Location		
PLACED		BRIDGES			
-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS
			-		-
					enlight ethydyr thether on trages as menne
-					
					-
		•			
		· · · · · · · · · · · · · · · · · · ·			
	The state of the s			<del>d and Ameline or halon</del>	the top respect to the second
					repaired softeness subspective
	SIZE	-SIZE LEAD	-SIZE LEAD CONSTRUCTION-LOCATION	PLACED BRIDGES CASIN—SIZE LEAD CONSTRUCTION—LOCATION RECOVERED	PLACED BRIDGES CASING AND TU

01/12/2024





OIL & GAS DIVISION DEPT. OF MINES

### State of West Virginia Bepartment of Mines Gil and Gas Bivision Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT

	. Jan	uary 17, 198	34			
COMPANY	Wayman W. Buchanan		PERMIT NO _	105	-1028	
444	Petroleum Commerce Building		FARM & WELL	NO _	George Grow #7,	1288
San	Antonio, Texas 78205		DIST. & COU	NTY _	Burning Springs	/Wirt
RULE	DESCRIPTION	- Canada		IN O	COMPLIANCE NO	1
23.06	Notification Prior to Start	ing Work	Charles the transfer of the second of the se	ating a series when		
25.04	Prepared before Drilling to	Prevent Wa	ata.			
25.03	High-Pressure Drilling	TICYCILL WA	3.5			
16.01	Required Permits at Wellsite	•				
15.03	Adequate Fresh Water Casing					-
15.02	Adequate Coal Casing					
15.01	Adequate Production Casing					
15.04	Adequate Cement Strenght					
15.05	Cement Type	*				
23.02	Maintained Access Roads			1		
25.01	Necessary Equipment to Preve	ent Wasta		1	<del></del>	
23.04	Reclaimed Drilling Pits	ant waste		1	<del></del>	
23.05	No Surface or Underground Po	llution		1	<del></del>	
23.07	Requirements for Production	& Gatheria	g Pinolines	1		
16.01	Well Records on Site	d Gatherin	g ribetimes -			
16.02	Well Records Filed					
7:05	Identification Markings			-	<del></del>	
	The state of the s			U		-
I HAVE I	NSPECTED THE ABOVE CAPTIONED	TJETT AND D	ECOMMENTO TUAT	ייי דייי	DE BELEACED.	
	The state of the s	WELL AND K	COMMEND THAT	11	DE RELEASED:	
			SIGNED /	om	es the love	she
			DATE	11/5	20/84	
Your wel	l record was received and roc	lamation m	agui mamanta	/	, .	
with Char	l record was received and recort 22, Article 4, Section 2	the skeet	equitements a	bbro.	ved. in accord	ance
coverage	for the life of the well.	, che above	= METT MITT I	.ema1	n under bond	
	The same and the world.		1	1	-//	•
			1-21	-	10	
	The second of the second of the second		Administrato	r-Oi	l & Gas Divisi	0.0
					- 2 AGO DIATOT	ULI

1985 01/12/2024

PRICE	ION FOR E UNDER	DETERMINAT THE NATURA	ION OF THE	E MAXIMUN	1 LAWFUL	200
1.0 Ari well number:	1	MATURA	L GAS POL	ICY ACT (N	GPA)	S BROW
(If not assigned, leave blank. 14 digits.)	) i		7 - 105 -	01028	- // 6	a Octo M
2.0 Type of determination being sought:		The state of the s				
(Use the codes found on the front of this form.)	į		103		/	MAYON
3.0 Depth of the deepest completion	-		Section of NGP	A Categ	ory Code	MAY 2 3 1983
location: (Only needed if sections 103	i				OII .	
or 107 in 2.0 above.)	I		MC SAFERON COMP		THE FOR	GAS DIVISION
4.0 Name, address and code number of			and the same of th		1-1,	GAS DIVISION  DF MINE  00422
applicant: (35 letters per line	1	Consolidated	Gas Sunn?			WINE
maximum. If code number not	Name		das Subbi	y corporat	ion	00422
available, leave blank.)		445 West Mair	Street			Seller Coc
	Street	THE RESIDENCE OF THE PROPERTY AND ADDRESS OF THE PARTY OF	- 001000			The same of the sa
		Clarksburg		TATET	2/11	
5.0 Location of the	City			WV	26301	COLUMN WEST OF THE PARTY OF THE
5.0 Location of this well: [Complete (a) or (b).]	i	The second live produce of the second		State	Zip C	ode
(a) For onshore wells	B	urning Spring	S			
(35 letters maximum for field	Field					Marine and the state of the sta
name.)	-	irt		WV		
(b) For OCS wells:	Count	<b>Y</b>		State		
	i					
	I Acce N					
	Area N	ame			Block Nu	mber
	!					
	1	D	ate of Lease:			
The Control of the American Control of the Control	1			1	-	
(c) Name and identification number	1	Mo.	Day Yr.	OCS L	ease Number	
of this well: (35 letters and digits	Geo	orge Grow #7		72001		
maximum.)				12884		
(d) If code 4 or 5 in 2.0 above, name	1					
of the reservoir: (35 letters maximum.)	!					
0 (a) Name and code number of the	-					
purchaser: (35 letters and digits	i					
maximum. If code number not	1					
available, leave blank.)	Gen	eral System	Purchasers			001004
(b) Date of the contract:	Name					004228
						Buyer Code
				1 1 1 1		
(c) Estimated total annual production			Mo.	Day Yr.		
from the well:						
		-		14	_ Million Cubic	Feet
			T			
!		(a) Base Price	(b) Tax	1	All Other	(d) Total of (a),
Consultation			(b) lax		s [Indicate	(b) and (c)
Contract price:				(+) 0	r (-).]	157 and (c)
(As of filing date. Complete to 3 decimal places.)	S/MMBTU					
Maximum lawful rate:		STREET, STREET			-	
(As of filing date Committee						
decimal places.)	MMBTU	2765		i		
Person responsible for this application:		The state of the s				-
this application:						
Agency Use Only		. Huzzey			Manage	79
Received on James	Name	911			Title	1
0111	Signature	Muzei	1			
Received by FERC	Signature	0/02			/	
	Date Applic	ation is Completed		ت	04/62	3-8385
C-121 (8-82)		completed		Pho	ne Number	000

PARTICIPANTS:  WELL OPERATOR: Consolidated Gas Supply Corp.	BUYER-SELLER CODE
WELL OPERATOR: Consolidated Gas Supply Corp.	004228
FIRST PURCHASER: General System Purchasers	*
OTHER:	
1500 Qual Di	
W. Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER	
830523 -103-105:1028 QUALIFIE	-D
Uso Above File Number on all Communications	net Same
Relating to Determination of this Well	
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	
ITEM NO.	
1. FERC -121 Items not completed - Line No. 7.6	+ All 8.0 bcd
2. IV-1 Agent L. J. Timens, Jr.	
3. IV-2 Well Permit	,
4. IV-6 Well Plat ✓	
5. IV-35 Well Record Drilling	Deepening
6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced?	Ratio
7. IV-39 Annual Production years	
8. IV-40 90 day Production Days off line:	
9. IV-48 Application for certification. Complete?	
10-17. IV Form 51 - 52 - 53 - 84 - 55 - 56 - 57 - 58 Complete?	
18-28. Other: Survey Logs Geological Char	ts
Gas Analyses1: 4000 Map	Well Tabulations
(5) Date commenced: $12 - 26 - 82$ Date completed $12 \cdot 31 - 82$	Deepened
(5) Production Depth: 1866-3937	
(5) Production Formation: Devonian Shale	
(5) Final Open Flow: 380 MCF	
(5) After Frac. R. P. 700# 48 hrs.	•
(6) Other Gas Test:	
(7) Avg. Daily Gas from Annual Production:	
(8) Avg. Daily Gas from 90-day ending w/1-120 days	
(8) Line Pressure:	PSIG from Daily Repor
(5) Oil Production: From Completion Report	
0-17. Does lease inventory indicate enhanced recovery being done $M$	0
0-17. Is affidavit signed?	/
pes official well record with the Department confirm the submitted in	01/12/2024 formation?
dditional information Does computer program confirm?	
as Determination Objected toBy Whom?	
	78

#### Date May 18 ,:983 Operator's STATE OF WEST VIRGINIA .ck ilek DEPARTMENT OF MINES, OIL AND GAS DIVISION API Weil No. 47 105 State County 01028 STATE APPLICATION FOR WELL CLASSIFICATION Provious Filo No. (If Applicable) WELL OPERATOR Wayman W. Buchanan DESIGNATED AGENT L. J. Timms, Jr. ADDRESS ADDRESS 445 West Main Street Clarksburg, WV 26301 San Antonio, Texas 78205 and Date Gas Purchase Contract No. NA (Month, day and year) Meter Chart Code NA Name of First Purchaser Consolidated Gas Supply Corporation 445 West Main Street (Street or P. O. Box) Clarksburg, WV 26301 (Zip Code) (City) (State) 004228 FERC Buyer Code FERC Seller Code TYPE OF DETERMINATION BEING SOUGHT: TYPE OF DETERMINATION BEING 3000.... [X] (1) Initial determination (See FERC Form 121.) Section of NPGA Category Code [ ] (2) Determination that increased production is the result of enhanced recovery technology. 1 (3) Determination of a seasonally affected well. T. E. Huzzey Manager Name (Print) Title gnature 445 West Main Street Signature Street or P. O. Box Clarksburg, WV 26301 (Zin Code) State City 623-8000 (304)Phone Number Area Code (Certificate of Proof of Service to Purchaser) CERTIFICATE OF SERVICE This will certify that Applicant has served a complete copy of this document and attachments thereto, if any, including FERC Form 121, properly addressed and with postage prepaid upon the identified purchaser, if any, of the natural gas which is the subject of this application. (All of the above to be completed by the Operator/Applicant) (To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known). The Department of Mines has received a request, [ ] for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1978. (NGPA); [ ] or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); [ ] or for determination of a seasonally affected well under Section 108 of (NGPA). All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_\_, 19\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may All interested parties are hereby notified that on the be heard, there will be a public hearing, if requested, or if objection is filed. This Application is assigned File No. Initial review of information submitted indicates the well [ ] is, [ ] is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard. Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination. 01/12/2024 WEST VIRGINIA DEPARTMENT OF MINES MAY 231983

Date Received By Jurisdictional Agency By Director By Title

01/12/2024

MAY 231983

FORM TV-5412 Dece Fay 18

STATE OF WEST VIRGINIA Operator's Well No. DEPARTMENT OF MINES, OIL AND GAS DIVISION 12884 API Well No. 47 - 105 - 01028 Scare County Fermic

## WELL CLASSIFICATION FORM NEW ONSHORE PRODUCTION WELL

MGPA Section 103

	DESIGNATED AGENT L. J. Timms, Jr. ADDRESS 445 West No.
Wayman W. Buchanan  ADDRESS San Antonia T	Clarksburg. MV 26201
TEXAS 78205	LOCATION: Elevation 759.6'  Wetershed Burning Springs  Distring Springs
CIAIRSDURG, WV 26301	Macer Chart Code Not Applicable
* * * * * * *	Date of Contract Not Applicable
ate surface drilling was begun: Dec. 26,	1982
ndicate the bottom hole pressure of the well and	explain how this was calculated:
BHP = 766.1	$BHP = P_1 + P_1 (_e GL / 53.34 T1)$

#### AFFIDAVIT

I, T. E. Huzzey

surface drilling of the well for which this determination is sought was begun on or after February 19.

1977; the well satisfies applicable state or faderal well spacing requirements and the well is not within a protation unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing to the was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought application which is inconsistent with this conclusion."

J Ethingey

STATE OF WEST VIRGINIA.

COUNTY OF HARRISON , TO WIT:

I, Roxann Shuttleworth, a Notary Public in and for the state and county aforesaid. o carrify that T. E. Huzzey , whose name is signed to the writing above, bearing date he 18 day of May , 1983 , has acknowledged the same before me, in my country aforesaid. Given under my hand and official seal this 18 day of Nav My term of office expires on the 31 day of July . 19 88

OTARIAL SEAL!

KD 14 / Mr. H 11 11 11 12/2024

JUN 24 1983 11/23/81



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

Date: Qu	ine 22,	1983.
Well No:_	GROW #	7
API NO:	47 - 105	1028
S+	ate County	Permit

# Oil and Gas Division NOTICE OF VIOLATION

Notice of Violation
WELL TYPE: Oil / Gas Liquid Injection / Waste Disposal /
Of "Gas" - Production / Storage / Deep / Shallow /
LOCATION: Elevation: Watershed:
District:County:Quadrangle:
WELL OPERATOR Wayman Buchanan DESIGNATED AGENT & erog Happins
Address Po. Box 106
KENNA WU 25248
The above well is being posted this 22 day of June, 1983, for a
violation of Code 22-4-128 and/or Regulation, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)
Declamation not completed 6 menths ofter well completion.
A copy of this notice has been notted at the well site and sent by contified or
A copy of this notice has been posted at the well site and sent by certified or
registered mail to the indicated well operator or his designated agent.
You are hereby granted until June 28, 1983, to abate this violation.
Failure to abate the violation may result in action by the Department under
Code 22-4-17 or Code 22-4-18.
Des mace
Oil and Gas Inspector
Address RT 1 Box 5
Sand Rielgo w 0 25274
Telephone: 635 - 101/12/2024

FORM IV-31 [08-78]

Date: Se	pt 7	, 1983
Operator's Well No.	Brow	7
API Well No.	State Count	5- 1028 y Parmit

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

NOTICE C	OF ABATEMENT
WELL TYPE: Oil/ Gas/ Liquid Inj	lection /: Wasta Dienosa:
(If "Gas", Production / Under	remound Storage / Deen / Shallow //
OCATION: Elevation: Watersh	bed: Burnin Spring Dum
District: B.S. County:	: Wit Quadrangle:
	DESIGNATED AGENT Lewy Hopkins
Address	Address P. O. Box 106
- Add 650	Kenna wo 25 29
	- 11 en ma 000 29 29
Notice is hereby given that the unders	signed authorized oil and gas inspector made a special
spection of the above named well on Sept.	7 , 19 83,
Upon the expiration of a period of time	ne originally fixed for abatement.
Upon the order of the Deputy Director	for Oil and Gas at the request of the well operator.
Upon the request of the Deputy Directo	or for Oil and Gas.
17-11 128	1 22 23
The violation of Code S da 4 120 h	neretofore found to exist on June 22, 1983,
	IV-28, "Imminent Danger Order"/ of that date has
	as found by an Imminent Danger Order requiring operation
cease, such requirement is hereby rescinded,	and the well operator is hereby notified that he may
sume operations.	
MENTS	
unit 15	
	그는 사람들이 얼마나 나는 사람들이 들었다.
	SERVE TETRATETO
	DIEGEIVEI
	SEP 9 - 1983
	() im i
	OIL & GAS DIVISION
	DEPT. OF MINE
	DEF1. C
A copy of the	
	at the well site and sent by certified or registered
to the indicated well operator or his design	ated agent.
	Deo Mace 01/12/2024
	Oil and Gas Inspector
	Address:

