DRILLING CONTRACTOR:

Clint Hurt



1)	Date: OC	ctober	12	, 19_82	
2)	Operator's Well No.	Grow	#42		
2)	A DI W. II M.	47	105	1004	

County

Permit

State

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

	OI MINLES, OIL AND GAS DIVISI
Edens Fork, WV	OIL AND GAS WELL PERMIT APPLICATION
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18) Approx) feet:	salt,_		feet.	no totale
19) Approx	imate	e coal sea	am depths:	_ No	ne		Is cos	al being	mined in the	area? Ves	/ NoX
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Conductor Fresh water	9	5/8						1100	r ou yh	1.000	Kinds
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01/12/2024

Date

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

Permit expires	June 15,	1983		unless	Filling is commerced release that I have been used to be a second release to the second
Blanket	Agent: OK lo	Plat:	Casing	Fee	rilling is commenced prior to that date and prosecuted with due diligence Administrator, Office of Oil and Gas

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).

19

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 who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

The undersigned coal operator amined this proposed well location. If added to the mine map. The undersigned operator has complied with all applications.	ed has no objection	to the work prop	area of the well loca	tion, the well his location,	provided, the v	een
abignatup our allow realization in Area remote		7	72	King A.		

By

Its



DATE	Oct.	11,	1982	
-		AND AREAST ASSESSMENT	THE RESERVE AND PROPERTY AND ADDRESS OF THE PARTY OF THE	E MANAGEMENT

State of Mest Virginia

WELL NO. Grow No. 42

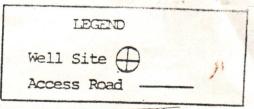
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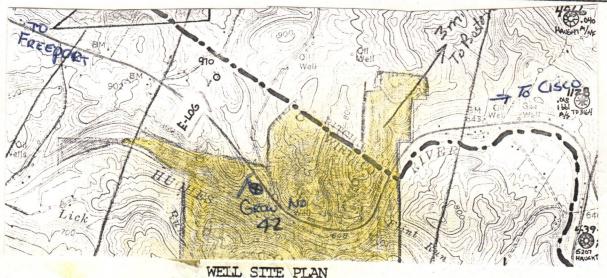
Bepartment of Mines Bil und Gas Bivision

CONSTRUCTION AND RECLAMATION PLAN

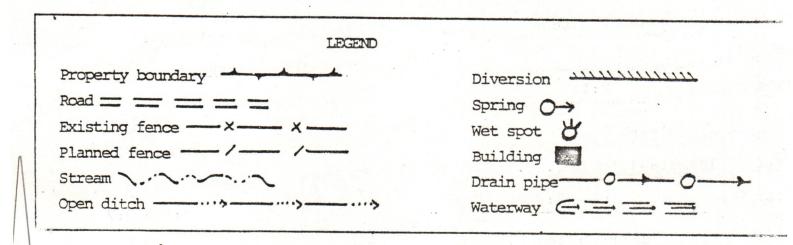
	Audit Table on the second of the Audit	
COMPANY NAME Wayman Buchanan	DESIGNATED AC	ENT Jim P. Morris
· Address San Antonio, Texas		Charleston, WV
Telephone 512-223-3897		345-6631
LANDOWNER George C. Grow		
Revegetation to be carried out by	Unknown Control	DISTRICT Little Kanawha
This plan has been marined by	onknown contrac	(Agent
This plan has been reviewed by Lit	tle Kanawha	SCD. All corrections
and additions become a part of this plan:	10-11-8 (Date)	2
	Jana H Do	0)
	(SCD Agen	t)
ACCESS ROAD		T.O
Structure Drainage Ditch (A		LOCATION
	A) Structure_	Diversion Ditch (1
Spacing	Material	Earthen
Page Ref. Manual 2:12		
	Page Ref. M	fanual 2:12
Structure Culvert (E	Structure	
Spacing 12" Min-30" Mas I. D.		And the later of the second se
Page Ref. Manual 2:7 & 2:8	CEIVEIN	Straw
	Page Ref. M	anual 3:6 & 3:7
Structure Cross Drains (C	CT 1 3 1982 Structure	•
pacing 135' - 400' OIL	Scructure	
and the same of th	& GAS DIWEGEARIAL	
age Ref. Manual 2:1 & 2:4	Page Ref. Ma	enial
All structures should be inspected now		
All structures should be inspected recommercial timber is to be cut and stack cut and removed from the site before dir	ded and all brush an	if necessary. All
cut and removed from the site before dir	rt work begins.	small timber to be
REVEG	ETATION	***
Treatment Area I	مريل	22+
or correct to pH 6-5	Lime	eatment Area II
74-11-100	or correct	Tons/acre
(10-20-20 or equivalent)	Fertilizer	600_ lbs/acre
1ch Hay 2 Tons/acre	(10)-20-20 or equivalent)
ed* Kentucky 31 Fescue 45 lbs/acre	Mulch Hay	2Tons/acre
Crown Vetch 10 lbs/acre	Seed* Kentuck	ty 31 Fescue 45lbs/acre
lbs/acre	Ladino	
		01/ 12/2024
*Inoculate all legumes such as vetch, tre cculate with 3% recommended amount.	foil and clovers wi	th the proper bactarism
		r bacter-tum.
	V PREPARED BY	Olin Shockey
COORDINATION TO CLOSE CONDENSES		
seedling for one growing season.		Rt. 1, Box 139-B
Attach separate sheets as necessary for communication		Ravenswood, WV 26164
Toolar & Jon Comments	The state of the s	101-211-2240

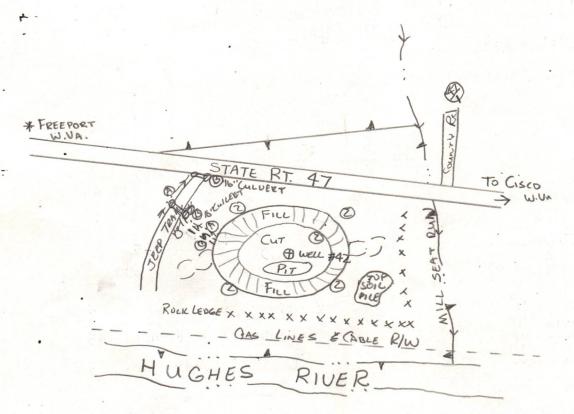
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE PETROLEUM (7.5')





Sketch to include well location, existing access road, roads to be constructed, wellsit drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.





01/12/2024

LOCATION

1. Oto 3% SCOPE TOP OF THE POINT ON ASMALL RIBGE, SECOND GROWTH TIMBER & BR.
2. Size of LOCATION 125' X 175'

3. All timber WILL BE CUT & STACKED ACCORDING TO LAND OWNERS WANTS

4. ALESS ROAD WILL HAVE SIDE SLOPES & CROSS DRAINS

4. ACESS RORD

4. ACESS RORD

5. RECLAMATION WILL BE DONE 6 MONTHS AFTER WELL IS completed

Oil and Gas Lease

PAGE 13/

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Made and entered into the 15th or September

A.D., 19 82 by and between

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

626 Shadowlawn Dr. Westfield, NJ 07090

parties 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 Lessee.

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 of the 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, proapecting, drilling, operating for and producing oil and gas, including casinghead gas and casinghead gasoline condensate, (b) saving, treating, transporting and caring for said products, (c) removing therefrom, and from lands operated therewith, brine and other refuse and injecting the same, gas, and any other substances into the subsurface thereof, (d) exercising all rights 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 and (f) pooling or unlitizing 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 Spring Districts of Wirt County, and Grant District of Ritchie County, State of West Virginia, and 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.

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

On the North by

On the East 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 and own ed or claimed by Lessor are hereby leased to Lessee.

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 or barr 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 well shall 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 of gas o 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 whole of In part, and if Lessee does so, it shall be subrogated to such lien with right to enforce same and apply rentals and royalties accruing hereunder toward satisfying same. When required b state, federal or other law, Lessee may withhold taxes with respect to rental, royalty and other payments hereunder and remit the amounts withheld to the applicable taxing authority for th credit of Lessor.

five

3. It is agreed that this lease shall remain in force for the term of ian years from the above date, (hereinafter called the primary term), and as long thereafter as the above described land, or as oll or gas is being withdrawn from the premises by Lessee, or as long as this lease is extended by any other provisions contained herein.

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 and san 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 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, include 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-eighth (1/8) of the 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 alloware 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-eighth (1/8 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 government 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 wells fr 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 further 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 expiral 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 producing ga paying quantities and gas is not being sold or used and the well or wells are shut-inster a period of one year and there is no current production of oil or gas or operations on said lea 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 shall 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 in s unit) 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 lease shall 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 provided 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 shu 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. Les

shall have free use of oil, distillate, condensate, gas, and water from the leased premises for all operations hereunder.

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6. Lessee agrees to commence drilling operations on said premises on or before为民族 tays from the execution of this lease or pay to 001/012/2024 at the rat per acre per year. Said delay rental shall be payable each six months thereafter during the primary term hereof until drilling operations are commence the leased premises, or on acreage pooled therewith as above provided or until this lease is surrendered. If operations for drilling are commenced on the leased premises, or on acre 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 or delay rentals or royartles that may be due Lessor. Drilling operations shall be deemed to be commenced when the first material is placed on the leased premises or when the first is other than surveying or staking the location, is done thereon which is necessary for such operations.

7. Failure to pay or error in paying any rental or other payment due hereunder shall not constitue a ground for forfeiture of this lease and shall not affect Lessee's obligation to make payment, but Lessee shall not be considered in default on account thereof until Lessor has first given Lessee written notice of the non payment and Lessee shall have falled for a peri 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 Lessee delivered or malled. authorized ("eposition" bank or Lessor (at address last known to Lessos) on or before such date for payment, and the payment or tender will be deemed made when the check or draft delivered or malled. If said named or successor bank (or any other bank which may, as hereinafter provided have been designated as depository) should fall or liquidate or for any re refuse or fall to accept rental, Lessee shall not be held in default for failure to make such payment or tender until sixty (60) days after Lessor shall deliver to Lessee a proper recordate strument naming another bank to receive such payments or tenders. The above named or successor bank or any other bank which may be designated as depository shall be tessives



and production of oil or gas on the leased pretion of oil orgas the production thereof should cease from any cause, this lease shall not terminate if Lesses commences operations for drilling, deepening, plugging buck, or reworking within ninety (90) days thereafter or if it be within the primary term, commences or resumes the payment or tender of delay rentals or commences operation for drilling, deepening, plugging back, or reworking on or before the delay rental paying date next ensuing after the expiration of ninety (90) days from date of completion of dry hole or cessation of production. If at any time 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 pooled 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, oll 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, or 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 on 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 oil or gas, so long thereafter as oil 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 Lessor 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 parties 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 structures placed on said premises, including the right to pull and remove all casing. 10. 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 oll or gas on, in or under any part of the leased 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 of 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 sald oil 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 the leased premises, there shall be refunded such part of all payments made by the Lessee hereunder as shall be proportionate to the outstanding title, and all payments and royalties 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 their 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 any

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 (30) 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 of 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. In 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 helrs or devisees 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, Lessee may pay 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 segregated 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 area of each, and the fallure 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 other 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 executed 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 be 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 notify 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 with 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 said 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 liable 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.

15. 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 insofar as the same in any way may affect the purpose for which this lease is made.

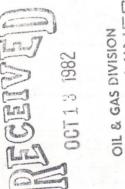
16. Should any one or more of the parties named herein as Lessor fail to execute this lease, it shall nevertheless be binding on the party or parties executing the same and additional part ties may execute this lease as Lessor, and this lease shall be binding on each party executing the same notwithstanding that such party is not named herein as Lessor; and all of the provisions 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 and assigns.

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 having 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 operations 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, flood 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 delay

shall be added to the term hereof.
18 through 24, inclusive - See Attachment "A" IN WITNESS WHEREOF, this instrument is executed on the date first above written This Document Prepared by: GEORGE C/. GROW, INC., Fred D. Clark Jersey Corporation THOMPSON, L.C. CLARK 8 Suite 612, Peoples Bldg. 25301 Charleston, WV STATE OF UNION CATANZARO BARBARA C. GROW JR GEORGE County, in the State aforesaid, do hereby certify that_ personally known to me to be the same person ____whose name 15 subscribed to the foregoing instrument, appeared before me this day in signed, sealed and delivered the said instrument as 4/5 free and voluntary act, for the uses and purposes therein set forth, and desir Seal, this 2/ STday of SEPTEMBERAD. 19 82 MAKCH 7

BARBARA H. CATANZARO NOTARY PUBLIC OF NEW JERSEY My Commission Expires Mar. 7, 1986

	ACKNOWLEDGMENT	
COUNTY OF UNION STATE	E OF NEW TERSEY	
BARBARA H. CATANZAR	0 /	In and to
LANGE State alors and do hereby certify that GEORGE C	C. GROW JR. PRESIDE	NT OF GERGE C. GROW, IN
personally known to me to be the same personwhose name	15 subscribed to the foregoing instrument,	appeared before me this day in person, and acknowled
thathesigned, scaled and delivered the said instrument as		(
auch ?'sT	CAN TEMPAP . D . 83	1
Given under my hand and Seal, this 135T day of Seal, this 1986	BARBARA H. CATANZARO	B. 0 0/10 for a
My commission explies	NOTARY PUBLIC OF NEW JERSEY.	KJUNGA F CANUNGUY



OEPT, OF MINES

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DOOK 166 PAGE 133

ATTACHMENT "A"

- 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)".
- 20. 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 1705 2024 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.

GEORGE C. GROW, JR.



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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.
- 22. 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 entigre/12/2024 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.

OIL & GAS DIVISION
DEPT. OF MINES

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.



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OIL & GAS DIVISION DEPT. OF MINES

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	RECORDING		DB 90/273 DB 89/350	DB 90/273 DB 89/350	DB 86/467	DB 86/467	DB 162/968	DB 163/418	DB 109/99	DB 109/99	DB 109/99	DB 109/99	DB 109/99	DB 90/273	DB 90/273	
	DATE		11/30/1938 11/10/1937	11/30/1938 11/10/1937	7/31/1936	7/31/1936.	8/17/1981	1/9/1982	6/5/1951	6/5/1951	6/5/1951	6/5/1951	6/5/1951	11/30/1938	11/30/1938	Carle Group
	ACREAGE	VIRGINIA	1,129 by deed	5	6	8-3/4	46-3/4	50	3	3%	15		5	9	7-3/4	
EXHIBIT B	DESCRIPTIVE NAME	DISTRICT, WIRT COUNTY, WEST V	Rathbone Oil Tract	W.H.H. Wheaton Lot	Thorn & Roberts Tract	W.H.H. Wheaton Lot	Whitecotton Tract	·Coplin Tract	Wetzel Tract	Gracy Tract	W.H.H. Wheaton Lot	Wetzel Tract	Wetzel Tract	Webzel Tract	Rathbone Lot # 1	
DECEI	GRANTEE	BURNING SPRINGS DI	George C. Grow et al	George C. Grow et al	George C. Grow	George C. Grow	George C. Grow, Inc.	George C. Grow, Inc.	George C. Grow	George C. Grow	George C. Grow	George C. Grow	George C. Grow	George C. Grow et al	George C. Grow et al	
	GRANTOR JIM -		Louis Roberts, et al.	Louis Roberts, et al.	O. E. Grow	O. E. Grow	Mildred Kirby, et al.	Elizabeth Teeter Phillips	L. E. Shuck	L. E. Shuck	L. E. Shuck	L. E. Shuck	L. E. Shuck	Louis Roberts, et al.	Louis Roberts, et al.	2/2024

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CLAY DISTRICT, WIRT COUNTY, WEST VIRGINIA

GRANTOR	GRANTEE		DESCRIPTIVE NAME	ACREAGE	DATE	RECORDING
Val D. Bailey, et al.	George C. Grow		Bailey Tract	29	11/27/1961	DB 122/420
Roberts Oil Company	George C. Grow		California Tract	167 by Deed 253 by Survey	5/20/1929	DB 79/463
Etta Swisher	George C. Grow		Swisher Tract	66	9/23/1944	DB 98/280
John M. Nelson, et al.	George C. Grow		Mary Nelson Tract	43	7/19/1937	DB 88/486
Roberts Oil Company	George C. Grow		Rex Lease	200 by Deed 312 by Survey	5/20/1929	DB 79/463
Roberts Oil Company	George C. Grow		J. F. Dravo Tract	1423	5/20/1929	DB 79/463
	GRANT	GRANT DISTRICT, RIT	RITCHIE COUNTY, WEST VIRGINIA	INIA		
Roberts Oil Company	George C. Grow		Sharpnack Tract	62½	4/20/1929	DB 95/322
H. H. Haynes, et al.	George C. Grow		Deem Tract	65	12/20/1939	DB 107/186
			TOTAL ACREAGE	2,337.75		



OIL Q1/12/2024N DEPT. OF MINES

FORGE C. GROW, JR.

Received for Record on the day of M. 1982 a 3.55 O'clock M. M. M. mission of Wirt County, W. Va. In Deed Book No. Clerk Wirt County Commission



OIL & GAS DIVISION
DEPT. OF MINES

Filed and admitted to repord in the office of the Clerk of the County Grammission of Ritchie County, V. Va. SEPOS 9 1982.

19 at Q:00 Richie M Danson of the County of the Clerk A M

Recorded in Lease

Book No.

Andrea McCoy



IV-35 (Rev 8-81)

State of Mest Virginia

Bepartment of Mines Gil und Gas Bivision

Date Nov.1,1982	
Operator's	
Well No.	
Farm Grow # 42	
APT No	

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil X / Gas X / Liquid Injection (If "Gas," Production / Undergroup	/ Wast	e Disposa ge/ Dee	l/ p/ Sha	llow_X_/)
LOCATION: Elevation: 686.5 Watershed Huc	thes Rive	r		
District: Clay County Wirt			e_Petrole	eum 7.5!
COMPANY Wayman W. Buchanan				
ADDRESS San Antonio, Texas 78205 DESIGNATED AGENT Jim P. Morris	Caşing Tubing	Used in Drilling		Cement fill up Cu. ft.
ADDRESS Charleston, W.V. 25301 SURFACE OWNER George C. Grow, JR.	Size 20-16 Cond.			
ADDRESS Westfield, N.J. 07090 MINERAL RIGHTS OWNER same as above	13-10" 9 5/8		347'	125 sks
ADDRESS	8 5/8			123 585
OIL AND GAS INSPECTOR FOR THIS WORK Deo Mace ADDRESS Sandyridge, W.V. 25274			1452'	210 sks
PERMIT ISSUED Oct.15,1982	5 1/2			
DRILLING COMMENCED Oct. 25,1982	4 1/2		4512	225 sks
DRILLING COMPLETED Oct. 31, 1982	3			
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Brailler Shale			3500	
Daniel - C - 1 - 1 - 1 - 1515	otary X		h_3500 T∞ls	feet
Water streets 3	Salt_ 560	_/ cable feet	10015	
Coal seam depths: None		eing mine	d in the	area?No
OPEN FLOW DATA				
Producing formation Devonian Shale	Pay	zone depti	h 26937to	feet
Gas: Initial open flow TSTM Mcf/d C		ial open/	,	Bbl/d
Final open flow 250 Mcf/d		l open flo		Bb1/d
Time of open flow between initial Static rock pressure 825 psig(surface	al and fin	al tests	24 hou	20
(If applicable due to multiple completion	.)		1.001	2 2106 III
Second producing formation	Pay	zone depti	1	feet
Gas: Initial open flowMcf/d C		ial open		Bbl/d
Final open flow Mcf/d O	il: Fina	l open flo	w	Bbl/d
Time of open flow between initia	l and fin	al tests	· hour	
Static rock pressurepsig(surface m	easuremen	t) after_	hours	s shut in

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

Perforated 32 holes from 4005 to 4474 feet.

Treated and fractured with 1,000,000 sef N₂

avg. breakdown 2350 psi

Perforated 32 holes from 3111 to 3337 feet

Treated and Fractured with 750 gal 15% HCL and 1,000,000 sef N₂

Treated and Fractured with 750 gal 15% HCL and 1,000,000 sef N₂ avg. breakdown 2650 psi
Perforated 32 holes from 2601 to 2984 feet

Treated and Fractured with 750 gal 15% HCL and 1,000,000 sef N₂

Avg. breakdown 2600 psi

WELL LOG

						REMA	RKS
FORMATION	COLOR	HARD OR	SOFT	TOP FEET	BOTTOM FEET	Including indic	ation of all fr
I Old I II I I	00200					and salt water,	coal, oil and
Charles Control of the Control of th	S	and and		0.	500	da y 1	. •
			Sand	500	524		
			Shale	524	527	in the state of th	
			Sand	527	532		
			Shale	532	534		
			Sand	534	554	The fame of the second	
			Shale	554	560		
			Sand	560	579		
			Shale	579	596		
			Sand	596	706		
			Shale	706	713		
			Sand	713	718		
			Shale	718	729		
			Lime	729	773		
		Big	Injun	773	798		
			Shale	798	801		
			Squaw	801	822 834		
			Shale	822	900	of the state of th	
		Lw	Squaw	834	906		
			Shale	900	910		
		SIL	tstone	906	914	A Harris	
		0:3	Shale	910	921		
		Sil	tstone	914 921	926		
		0:1	Shale	926	932		,
		511	tstone		1202		
		G : 1	Shale		1205		
		511	tstone		1302		
			Shale	The state of the s	1305		
		7 - /0:1	Berea		1800		
	Sr	nale/Sil			4515		-
			Shale TD		4515		
			TD	4515			

(Attach separate sheets as necessary)

	an W. Buc	hanan	01/12/	2024
Well	Operator		: 01/12/	2024
By:	Guy U	Jia State	= .	
Date:	0	0 3	/15/83	

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

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 165-1604			Oil o	r Gas Well
Company W. Buchanan	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address	Size			
Farm G. GROW	16			Kind of Packer
Well No. 42	13			
District Clay County wit	81/4			Size of
Drilling commenced 10 - 25 - 82	6%			Depth set
Drilling completedTotal depth	5 3/16			and the second second second
Date shotDepth of shot	2		2,447	Perf. top
initial open flow/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing/10ths Merc. inInch				Perf. bottom
/olumeCu. Ft.	CASING CEMEN	TED	SIZE	No. FTDate
ock pressurelbshrs.	NAME OF SERV			Date
ilbbls., 1st 24 hrs.	*	OUNTERED A	Т	FEETINCHES
resh waterfeetfeet	FEET_	INCHE	5	FEETINCHES
alt waterfeetfeet	FEET_	INCHES	SI	FEETINCHES
rillers' Names Hunt Q			REC	
marks:			11/1/	5 - 1982
Spust Today			OU AT	ND GAS DIVISION PARTMENT OF MINES

10-29-82

Dra mace

DATE

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY				ADDRESS	-	II No	
FARMCOUNTYCOUNTY							
filling Material Use	d	,					
iner	Location		Amount	Packer	Location		
PLUGS	JSED AND DEPTH	PLACED		BRIDGES	CASIN	G AND TU	
CEMENT-THICKNE	wood-	-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	Los
							. 10.7
	-						
				American de la companya del companya del companya de la companya d			
,							7
	1:			,			
illers' Names			-				
		- FEB	M				
marks:						-	

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 105 - 100			Oil or Gas Well		
Company W. Bu	change	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address		Size	*****	3 - 11 -	, and the special section of the sec
Farm B. Groce		16			Kind of Packer
Well No. 42		13			
District Clay		81/4			Size of
Drilling commenced		6%		360 800	Depth set
Drilling completed	Total depth	5 3/16			
	Depth of shot	3			Perf. top
	/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing	/10ths Merc. inInch				Perf. bottom
	Cu. Ft.	and the same of th	TED 93/	SIZE 347	7 10-26 No. FT
ock pressure	lbshrs.	NAME OF SERV	ICE COMPAN	y Hal	iberton
il	bbls., 1st 24 hrs.	COAL WAS ENC	OUNTERED A	т	FEETINCHE
resh water	_feetfeet	FEET_	INCHE	5	EETINCHES
alt water	feetfeet	1			EETINCHES
rillers' Names	nt 2				Mones
marks:			I	IECE	IVED
175 SACKS	Cenust			MOV 3 -	
				OIL AND	SAS DIVISION

Weo moce

DATE

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit Ne				Wei	II No			
COMPANY			ADDRESS					
FARM								
Filling Material Used								
iner Loc	eation	Amount	Packer	Location				
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	Los		
				-				
	:							
1			Marine William - 1998 - Children					
			•					
illers' Names		2						
	1				and the same of th			
marks:								

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

04/42/2024

11/2010

coverage for the life of the well.

TMS/chm

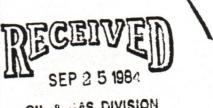


State of West Virginia

Department of Mines Gil and Gas Division Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT

11/ R /



DEPT. OF MINES

Sar	Antonio, texas		LL NO Grow OUNTY Clay	1 11 /
RULE	DESCRIPTION		IN COMPLIA	
23.06	Notification Prior to Starting Work			110
25.04	Prepared before Drilling to Prevent Wa	este		
25.03	High-Pressure Drilling	1916		
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		V	
25.01	Necessary Equipment to Prevent Waste		1	
23.04	Reclaimed Drilling Pits			
23.05	No Surface or Underground Pollution		1	
23.07	Requirements for Production & Gatherin	g Pipelines		
16.01	Well Records on Site	B Formi		
16.02	Well Records Filed			
7.05	Identification Markings		V	
HAVE I	NSPECTED THE ABOVE CAPTIONED WELL AND R	ECOMMEND TH	HAT IT BE REL	EASED:
		SIGNED 2	tomes The	Dougheit
		DATE	7/20/84	10
our wel	l record was received and reclamation r	equirements	approved. I	n accordance

with Chapter 22, Article 4, Section 2, the above well will remain under bond

Administrator-Oil & Gas Divis

November 8, 1984

FERC-121

1.0 API well number:	!					į.
(If not available, leave blank. 14 digits.	.)		47-10	05-1004		1 - man w/ /
2.0 Type of determination being sought: (Use the codes found on the front of this form.)		10 Section	3 of NGPA			MAR 2 5 1983
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)		Section	451		Carregory Co	& GAS DIVISION OF MINE
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name 444	Petroleur	chanan		ding	Seller Code
50 Location of this way	City			State	7820 Zip Cod	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells:	Cis Field! Wir Count	Name t			WV	_
107 FOR GCS Wells:	i					
	Area N	Date of L	1 1 1	——— Ē	Block Numbe	,
(c) Name and identification number	-	Mo. Day	Yr.	OCS Le	ease Number	-
of this well: (35 letters and digits maximum.)	Gro	ow #42				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)						
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	CC	onsolidated	d Gas Sup	ply Co:	rp.	
(b) Date of the contract:						Buyer Code
(c) Estimated annual production:			Mo. Day	Yr.	,	
to, Estimated annual production:					MMcf.	
7.0 Contract price:		(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Prices ((+) or (Other	(d) Total of (a), (b) and (c)
(As of filing date. Complete to 3 decimal places.)		Unknown				
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)						
9.0 Person responsible for this application:						
Agency Use Only Date Received by Juris—Agency MAR 251983 Date Received by FERC	Stephe Name Signature	en E. Cain	2	Tit		p. Officer
	March Date Applie	15, 1983 Cation is Completed	<u>(</u>	304) 34 Phone N	15-6631	.
					- criticer	

DATE:	
WELL OPERATOR: Wayman W. Buchanan.	004228
WELL OPERATOR: Way man W. Buchanan. FIRST PURCHASER: Consolidated Gas Supply Cosp.	007220
OTHER: 1500 Dived 1	1 - 1
W. Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER	1) & rank
8303B5-103-105=1004	
Uso Above File Number on all Communications Relating to Determination of this Well	
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	
ITEM NO. All 7.0	+ 8.0
1. FERC -121 Tems not 2. IV-1 Agent Leroy Hopkins	
3. IV-2 Well Permit	
4. IV-6 Well Plat ✓	ing
5. IV-35 Well Record Was Oil Produced?	
7. IV-39 Annual Production years 8. IV-40 90 day Production Days off line:	
Complete?	
52 - 55 - 56 - 57 - 58 Complete:	Affidavit Signed
Structure Map	
(5) Date commenced: 10-25-82 Date completed 10-31-82 Dec	
7601-3337	
(5) Production Depth:	
(5) Final Open Flow:	
(6) Other Gas Test:	
(6) Other Gas Test:	
on day anding w/1-120 days	
Ducceure	- PSIG from Daily
From Completion Report	·
10-17. Does lease inventory indicate enhanced recovery being done	/
10-17. Does lease inventory indicated Notarized?	-01/12/2024 es
Does official well record with the Department confirm the submitted info	7
Additional information Boes computer program compared By Whom?	
Was Determination Objected to	78

DATE: JUN 231983

BUYER-SELLER CODE

STATE OF WEST VIRGINIA

Date March 15 ____, 19_83

DEPARTMENT	OF	MINES	OTT	AND	CAS	חדווד כיריי:
JEPAK . T.E.	Ur	E3.	OIT.	AND	643	21.1210.

coe:	rator's	Gr	OW	#42	
API No.	We!!		10	15	1004

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

WELL OPERATOR Wayman W. Buchanan DESIGNATED AGENT Leroy Hopkins	
ADDRESS 444 Petroleum Commerce Bldg. ADDRESS P. O. Box 106	,
San Antonio, Texas 78205 Kenna, WV 25248	-
Gas Purchase Contract No and Date	_
Meter Chart Code (Month, day and year)	
Name of First Purchaser Consolidated Gas Supply Corporation	
P. O. Box 2450	
Clarksburg, WV 26301 Box) (City) (State) (Zip Code)	
FERC Seller Code FERC Buyer Code	
TYPE OF DETERMINATION BEING SOUGHT:	
(1) Initial determination (See FERC Form 121.) Section of NGPA Calegory Code	
(2) Determination that increased production is the result of enhanced	
recovery technology. (3) Determination of a seasonally affected well.	
Stephen E. Cain Reg. Comp. Office	er
Name (Print) C	•
Signature 401 Peoples Building	
Street or P. O. Box	
Charleston, WV 25301	
City State (Zip Code)	
(304 345-6631 Phone Number	
Code	
(Certificate of Proof of Service to Purchaser)	
(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	. +
The Department of Mines has received a request, for certification of the above described well as meeting the requirements of Section	
(NGPA): lor for determination that in a line in actural Gas Policy Act of 1976	
a seasonally affected well under Section 108 of ("	GP.
All interested parties are hereby notified that on the day of 19 , at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard there will be a public hearing, if requested, or if objection is filed.	
This Application is assigned File No.	
Initial review of information submitted indicates the well is. is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter is the matter may be heard.	
Unless objections are timely filed or a request for a hearing is made within fifteen (15) as a hearing will not be held except on ex parte motion of the department and the matter will to determination.	
WEST VIRGINIA DEPARTMENT OF MINES	
·	

MAR 251983

Date received by Jurisdictional Agency

Title .

F	URM	IV-	54WC
- 1	12-	78]	

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Grow #42

API Well No. 47 - 105 - 1004 Permit

WELL CLASSIFICATION FORM

NEW ONSHORE PRODUCTION WELL

NGPA Section 103
DESIGNATED AGENT Leroy Hopkins
ADDRESS P. O. Box 106
Kenna, WV 25248
WELL OPERATOR Wayman W. Buchanan LOCATION: Elevation 686.50
ADDRESS 444 Petroleum Commerce Bldg. Watershed Hughes River
San Antonio, Texas 78205 Dist. Clay County Wirt Quad. Petroleum
GAS PURCHASER Consolidated Gas Supply Gas Purchase Contract No.
ADDRESS F. O. BOX 2450 Meter Chart Code
Clarksburg, WV 26301 Date of Contract
* * * * * * * * * * * * * * * *
Date surface drilling was begun: 10/25/82
Indicate the bottom hole pressure of the well and explain how this was calculated:
BHP = $P_1 + P_1$ [e $\frac{TD (.68)}{53.34 (T+460)}$ -1]
(2.100)
BHP = 870 + 870 [e $(\frac{4515}{53.34}(.68)) - 1$]
BHP = 964.53
AFFIDAVIT
I, Gregory Wrightstone having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, within a proration 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 gas was capable of producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which the best of my information, knowledge and belief, that the well for which this determination is sought application which is inconsistent with this conclusion.
Com Washington
O
STATE OF LINES WITHOUT .
STATE OF WEST VIRGINIA,
COUNTY OF Kanawha . TO WIT:
I. Vicky R. Burdette a Notary Public in and for the state and county aforesaid,
the 15 day of March , 19 83, has acknowledged the same before me, in my county aforesaid.
of the midel my hand and official seal this 15 day of March 1983
My term of office expires on the <u>lst</u> day of <u>December</u> , 1990.
[NOTARIAL SEAL]

IV-27 11/23/81



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Date: MAY 13,1983
Well No: GROW # 42
API NO: 47 - 105 - 1004
Chata Caustu Damit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE:	Oil/ Gas Liquid Injection	/ Waste Di	sposal/
	Of "Gas" - Production/ Storage	/ Deep	/ Shallow/
LOCATION:	Elevation: Watershed:	HUGHES	RIVER
	District: CLAY County: W		
WELL OPERAT	OR WAYMAN BUCHANAN DEST		The state of the s
Addre	ssA	ddress	P.O. BOX 106
			KENNA WU. 25248
violation o	The above well is being posted thin f Code 22-4- $\frac{128}{2}$ and/or Regulation		
	(USE REVERSE SIDE OF THIS N	OTICE IF NECESS	ARY)
BECKA	MATION HAS NOT BEEN	- GIAM CO	MPLETED.
A conv	of this notice has been posted at t	he well site an	d sent by certified or
	mail to the indicated well operator		
	e hereby granted until MAY RC		
	e to abate the violation may result		
	7 or Code 22-4-18.		
	4	10.	10
			mare inspector
	TOTAL CONTRACTOR		
A	Addr	ess A7	1 Box 5
Osd.	MAY 1 8 1983	SAA	LO RIDE
Rostid 83	7		WU 23274
6/21	OIL & GAS DIVISION		
7	DEPT. OF MINES	Telephone: _	695-01/12/2024

FORM IV-31

E-4

Date	e &	pit	£ .	7	,	19	F3	
Ope:	rator	's We	e11	No	Bu	ile	, 42	
API	Well	No.	47		105	_	1004	
			Sta	ate	County		Permit	

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

NOTICE OF ABATEMENT

WELL TYPE:	Oil/ Gas/ Liquid Injection/ Waste Disposal
	Underground If "Gas" - Production/ Storage/ Deep/ Shallow
LOCATION:	Elevation:Watershed:
	District: (lay County: With Quadrangle:
WELL OPERATO	OR Waynam Buchanan DESIGNATED AGENT Leray Hopkins
Address	
	Renna 40 25248
Notice	is hereby given that the undersigned authorized oil and gas inspector made
a special in	nspection of the above named well on Sept 7, 1987.
Upon th	he expiration of a period of time originally fixed for abatement.
Upon the	he order of the Deputy Director for Oil and Gas at the request of the well or.
	ne request of the Deputy Director for Oil and Gas.
The vic	plation of Code 22-4-128, heretofore found to exist on May 13 1983
COMMENTS:	(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY) SEP 9 - 1983
A copy o	oil & GAS DIVISION DEFT. OF MINES of this NOTICE has been posted at the well site and sent by certified or hail to the indicated well operator or his designated agent. Out Mac 01/12/2024 Oil and Gas Inspector
	Address

Telephone

Charleston, WV