



1) Date: April 5, 19 83
 2) Operator's Well No. 1 - 1878
 3) API Well No. 47 083 0756
 State County Permit

DRILLING CONTRACTOR:
Union Drilling, Inc.
P. O. Drawer 40
Buckhannon, WV 26201

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

R. K. Talbott, et. al. #1
 (1878)

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas XX /
 B (If "Gas", Production XX / Underground storage / Deep / Shallow XX /)
- 5) LOCATION: Elevation: 2735' Watershed: Roaring Creek
 District: Roaring Creek County: Randolph Quadrangle: Beverly West
- 6) WELL OPERATOR Union Drilling, Inc. 11) DESIGNATED AGENT Joseph C. Vanzant, Jr.
 Address P. O. Drawer 40 Address P. O. Drawer 40
Buckhannon, WV 26201 Buckhannon, WV 26201
- 7) OIL & GAS ROYALTY OWNER R. K. Talbott, Trustee and Charles P. Henderson, Trustee 12) COAL OPERATOR
 Address 1599 Quarrier Street Address
2530 Charleston, WV 25311
- 8) SURFACE OWNER Westvaco Corporation 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address 203 Randolph Avenue Name R. K. Talbott, Trustee and
Elkins, WV 26241 Address Charles P. Henderson
 Acreage 2530 1599 Quarrier Street
 Name Charleston, WV 25311
 Address
- 9) FIELD SALE (IF MADE) TO:
 Address Not Determined at this time
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Stewart (884-7782)
 Address P. O. Box 345
Jane Lew, WV 26378
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name James Polino
 Address Box 230
Elkins, WV 26241
- 15) PROPOSED WORK: Drill XX / Drill deeper / Redrill / Fracture or stimulate XX
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Elk
- 17) Estimated depth of completed well, 5500 feet
- 18) Approximate water strata depths: Fresh, ? feet; salt, feet.
- 19) Approximate coal seam depths: ? Is coal being mined in the area? Yes / No XX /

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OIL AND GAS DIVISION
 WV DEPARTMENT OF MINES

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well			
Conductor	11 3/4			X		20'	20'		Kinds	
Fresh water	8 5/8		23#	X		850'	850'	to surface		NEAT
Coal	4 1/2		10 1/2#	X			5500'	400 sks. or	Sizes	
Intermediate								as required		
Production									Depths set	
Tubing									Perforations:	
Liners									Top Bottom	

- 21) EXTRACTION RIGHTS
 Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Sharon L. Kelley
 My Commission Expires 05/22/89

Signed: Joseph C. Pettey
 Its: Joseph C. Pettey, Vice President of
Production

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-083-0756 Date April 21 19 83
10/20/2023

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

Permit expires December 21, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>004280</u>
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[Signature]
 Administrator, Office of Oil and Gas

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

Line Item Explanation

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

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

WAIVER

10/20/2023

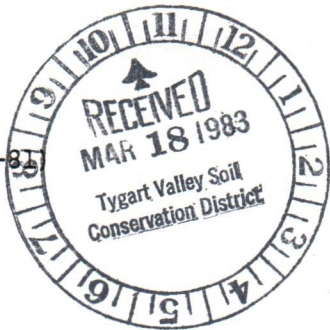
The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the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

Date: _____, 19____

By _____

Its _____

IV-9
(Rev 8-81)



DATE 3-16-83

WELL NO. 1878

State of West Virginia API NO. 47 - Randolph 0756

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME UNION DRILLING, INC.
Address P. O. Drawer 40
Telephone Buckhannon, WV 26201

DESIGNATED AGENT Joseph C. Vanzant, Jr.
Address Union Drilling, Inc.
Telephone P. O. Drawer 40
Buckhannon, WV 26201

LANDOWNER Wesvaco

SOIL CONS. DISTRICT Tygart Valley

Revegetation to be carried out by Union Drilling, Inc. (Joseph C. Pettey, VP) (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan: 3/19/83
(Date)

Jean Freeman
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Culvert Pipe (12" MIN) (A)
Spacing ft. Natural Drain
Page Ref. Manual _____

Structure _____ (1)
Material _____
Page Ref. Manual _____

Structure Cross Drains (B)
Spacing 250' + -
Page Ref. Manual _____

Structure APR 6 - 1983 (2)
Material OIL AND GAS DIVISION WV DEPARTMENT OF MINES
Page Ref. Manual _____

Structure Roadway Ditch (C)
Spacing _____
Page Ref. Manual _____

Structure _____ (3)
Material _____
Page Ref. Manual _____

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

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch 2 Tons/acre
Seed* Ky - 31 30 lbs/acre
Birdsfoot 10 lbs/acre
Domestic Rye 10 lbs/acre

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch 2 Tons/acre
Seed* Ky - 31 30 lbs/acre
Birdsfoot 10 lbs/acre
Domestic Rye 10 lbs/acre

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

PLAN PREPARED BY Danny O' Morgan 10/20/2023

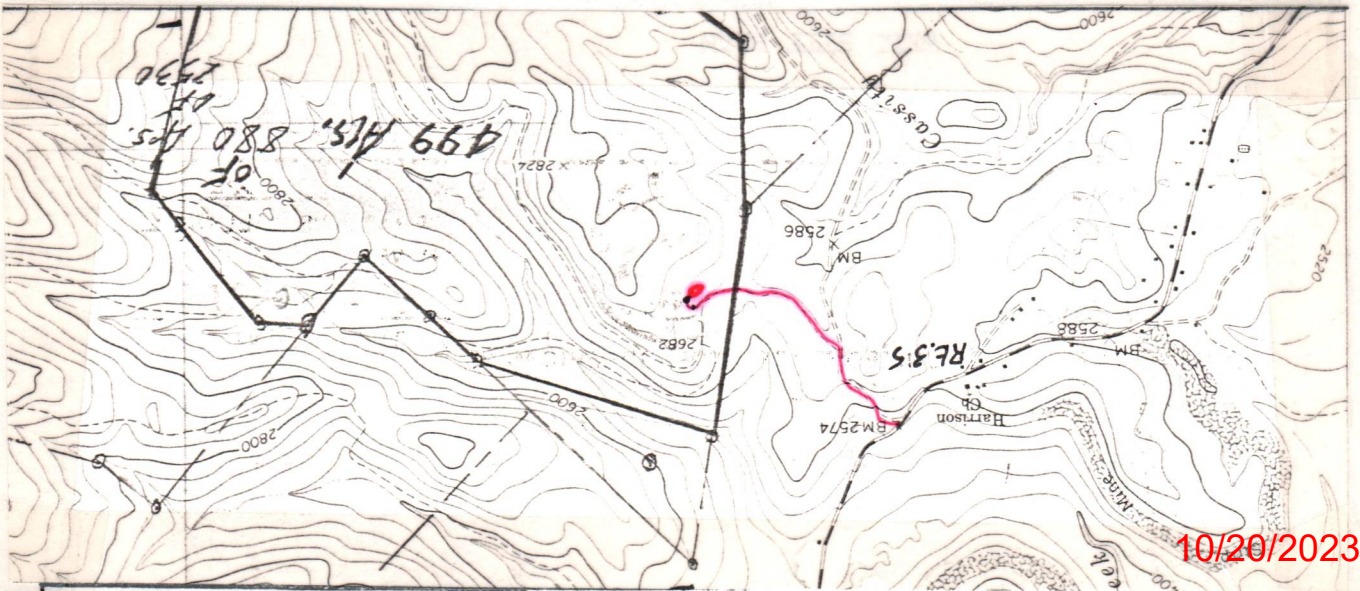
ADDRESS P. O. Drawer 40
Buckhannon, WV 26201

PHONE NO. (304) 472-4610

NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE REV. 1.1, p. 7.5

10/20/2023



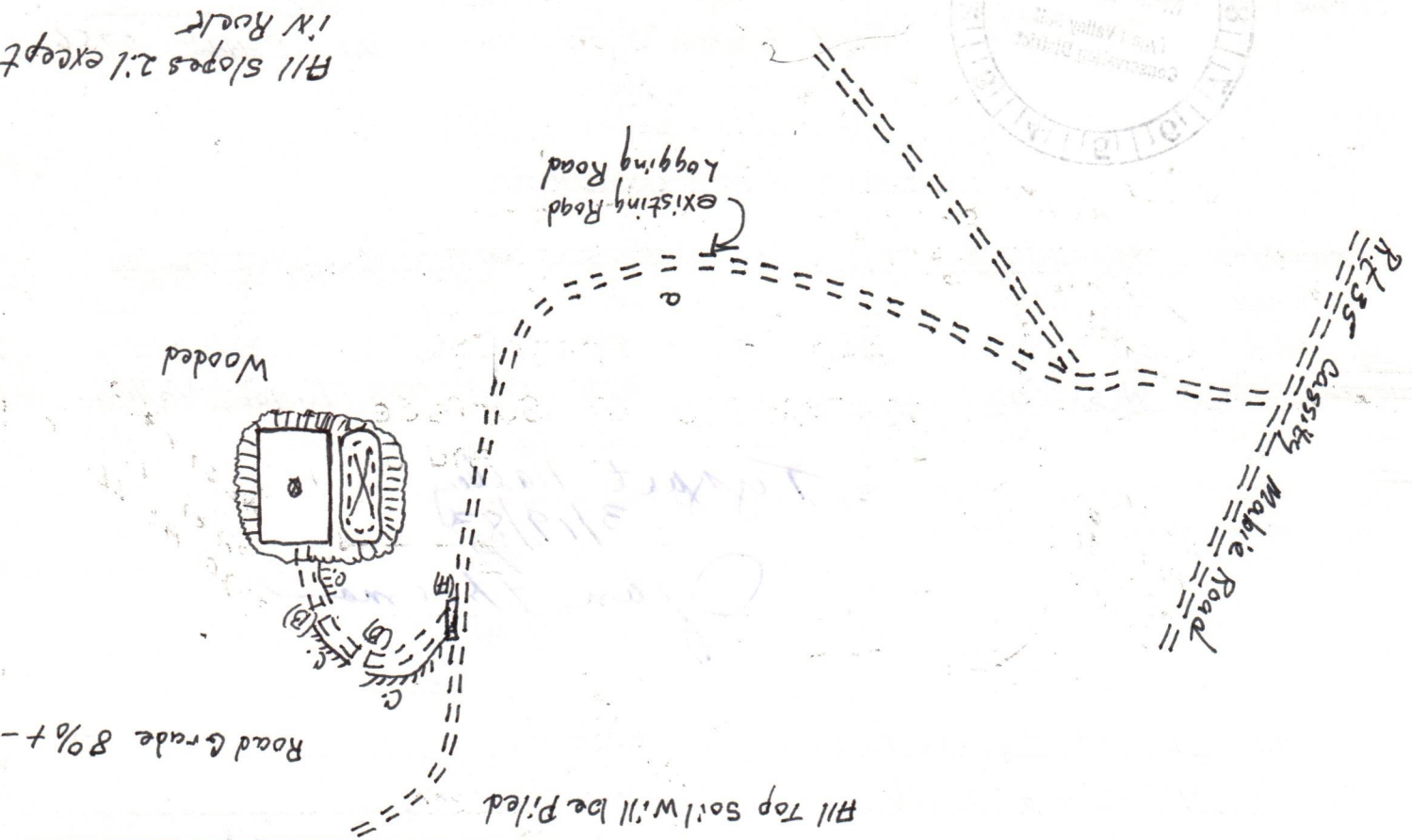
LEGEND

- Well Site
- Access Road

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

LEGEND

- Property boundary
- Road
- Existing fence
- Planned fence
- Stream
- Open ditch
- Division
- Spring
- Wet spot
- Building
- Drain pipe
- Waterway



All slopes 2:1 except 1:1 Road

29965

184762

This Agreement, Made and entered into the 26th day of February, A. D., 1980, by and between R. K. TALBOTT - Trustee; CHARLES P. HENDERSON - Trustee R. K. Talbott, Trustee for Frances T. Miller, Margaret T. Dare and R. K. Talbott; Charles P. Henderson, Trustee for Raymond C. Cushwa, George E. Mayhew, Florence M. Chaney, Margaret R. Holzworth, Sara Andrews, H. G. Heedy, Mary Williams, Nancy Hall, William Heedy

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parties of the first part, hereinafter called the Lessor, and COLUMBIA GAS TRANSMISSION CORPORATION, a Delaware corporation, party of the second part, hereinafter called the Lessee

OIL AND GAS DIVISION
DEPARTMENT OF MINES

WITNESSETH: That the said Lessor, in consideration of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and of the covenants hereinafter contained on the part of the said Lessee to be paid, kept and performed, does grant, demise, lease and let, with covenants of quiet possession and sole right so to grant and demise, unto the said Lessee that certain tract of land (herein referred to as the leased premises) situate in Roaring Creek, Middle Fork and Beverly Districts, Randolph County, and State of West Virginia, on the waters of Roaring Creek, bounded substantially as follows:

Being the same property as described in that certain deed dated the 9th day of October, 1905, made by Fred O. Blue, Special Commissioner, to D. Hess Poling, et al, for certain timber rights, which said deed is recorded in Randolph County, West Virginia, in Deed Book 77, Page 427. containing Two Thousand Five Hundred Twenty-nine and 67/100 (2529.67) acres, more or less; solely for the purposes of: Searching for, exploring, drilling and operating for and marketing oil and gas and all products produced therewith or which may be derived therefrom; storing gas of any kind, regardless of the source thereof, in the oil and gas strata including the injecting of gas therein and removing the same therefrom; protecting stored gas; conducting geological and geophysical surveys and explorations; pooling or unitizing the leased premises or part thereof with other lands to form operating units for any or all of the purposes of this agreement; laying pipelines, building tanks, stations, telephone and electric power lines, radio towers, houses for gates, meters and regulators, drips, dehydration units, cathodic protection devices and all other appliances and structures, whether of a like or different nature than those enumerated, with all other rights and privileges necessary, incidental or convenient for the operation or use of this land or any part thereof separately or conjointly with neighboring lands, for any or all of the aforesaid purposes.

IN CONSIDERATION OF THE PREMISES, the parties hereto covenant and agree that:

FIRST: This lease is for a term of Five (5) years, commencing February 26, 1980 and for as long thereafter as the leased premises or other lands with which the leased premises or part thereof is pooled or unitized are operated in the search for or production of oil or gas, or as long as the same is used for underground storage of gas and the removal thereof, either through the operation of a well or wells on the above described tract of land or on tracts in the same storage field, or as long as said land is used for the protection of stored gas, alone or in conjunction with other lands, all with an extended term by payment of rentals as hereinafter set forth. It is expressly understood and agreed that the Lessee shall be the sole judge as to whether gas is being stored in said land, held in storage therein, or whether said land is being used for the protection of stored gas, and Lessee's determination thereof shall be final and conclusive.

SECOND: (a) Lessee shall deliver to the credit of the Lessor, their heirs or assigns, free of cost, in the pipeline to which said Lessee may connect its wells, a royalty of the equal one-eighth (1/8) part of all oil produced and saved from the leased premises.

(b) Lessee shall pay a royalty for all gas, except stored gas and gas produced from the storage horizon or horizons, produced, saved and marketed from the leased premises equal to one-eighth (1/8) of the wholesale market value thereof at the well based on the usual price paid therefor in the general locality of said leased premises, payable each three months. Royalty payments shall commence ninety (90) days after the completion of each well and shall constitute the entire consideration to Lessor for such gas including the gasoline and other content thereof. Lessor shall pay a proportionate part of all excise, depletion, privilege and production taxes levied, assessed or charged on oil or gas produced from said premises. In the event that Lessee does not market the gas from said premises, Lessee is to pay delay rental until such time as said gas is marketed. It is agreed, however, that gas produced from any well or wells may be taken by Lessee for fuel in its operation on and in the vicinity of said premises, free of charge, but if other use be made of the gas from any oil well or gasoline extracted therefrom, then Lessee shall pay at the rate of Twenty-five Dollars (\$25.00) annually for the gas from each oil well while so utilized.

(c) Lessee shall pay Three Hundred Dollars (\$300.00) per year in quarterly installments payable in advance for each well utilized or classified by the Lessee as a gas storage well, except that in the event said storage well payment is less than the Lessor would receive as rental under paragraph FOURTH hereof, then the Lessee shall pay to the Lessor the difference between the storage well payment and the said rental payment. Lessee shall have the right to install and maintain on said premises all necessary equipment and appliances to do any and all other things as may be reasonably necessary for the purpose of utilizing said premises for the production and storage of gas, as well as the injection of gas therein and the removal of same therefrom.

10/20/2023

(d) No well shall be drilled by either party, except by mutual consent, within _____ feet of the dwelling house or barn now on said premises.

THIRD: The leased premises may be fully and freely used by the Lessor for farming purposes, excepting such parts as are used by the Lessee in operating hereunder.

FOURTH: The Lessee covenants and agrees to pay their proportionate part of _____ a rental at the rate of \$1.00 per acre per annum payable annually in advance, beginning February 26, 1980, until, but not after, a well yielding royalty to the Lessor is drilled or a storage well is completed under the terms hereof, or this lease is surrendered. Any rental paid for time beyond the date gas is first marketed or the date a storage well is completed shall be credited upon the first royalty for gas or the first payment for such storage well. Upon the drilling of a nonproductive well, the Lessee may continue to hold the leased premises for the further term of one (1) year after the completion of such nonproductive well, without rental, but if before the expiration of said year another well shall not be commenced or payment of rentals renewed at the rate above provided, or unless use of the leased premises for storage purposes as herein authorized shall have commenced, this lease shall terminate.

FIFTH: The Lessee is hereby given the right to convert any gas well heretofore or hereafter drilled upon the leased premises to a gas storage well and at the time of conversion to storage, if gas is still being produced therefrom, Lessee shall pay Lessor for the estimated recoverable gas remaining in the well. In arriving at the volume of said recoverable gas, the Lessee shall use such methods of calculating gas reserves as are generally accepted by the natural gas industry, and the Lessor shall be paid therefor at the rate prescribed in paragraph SECOND, subparagraph (b), hereof.

SIXTH: Lessee hereby is given the right at its option, at any time from the date hereof while this agreement shall be in effect and from time to time within such period, to pool all or any part or parts of the leased premises or rights therein with any other land in the vicinity thereof, or with any leasehold, operating or other rights or interests in such other land to create units of such size and surface acreage as Lessee may desire, but containing not more than 640 acres plus 10% acreage tolerance. If at any time larger units are required under any then applicable law, rule, regulation or order of any governmental authority for the drilling, completion, or operation of a well, any such unit may be established or enlarged to conform to the size specified. Each unit may be created by governmental authority or by a written declaration-notice executed by Lessee and delivered to Lessor containing a description of the unit so created, specifying the mineral stratum or horizon so pooled, if so limited. Any well which is commenced, or is drilled or is producing on any part of any lands theretofore or thereafter so pooled shall, except for the payment of royalties, be considered a well commenced, drilled, and producing on the lands hereby leased. There shall be allocated to the portion of the leased premises included in any such pooling such proportion of the actual production from all lands so pooled as such portion of the leased premises, computed on an acreage basis, bears to the entire acreage of the lands so pooled. The production so allocated shall be considered for the purpose of payment or delivery of royalty to be the entire production from the portion of the leased premises included in such pooling in the same manner as though produced from such portion under the terms of this lease. Each of said options may be exercised by Lessee from time to time, and a unit may be formed either before or after a well has been drilled or production has been established on the leased premises or on a portion of the leased premises which is included in the pool or on other lands which are pooled therewith.

SEVENTH: It is agreed that said Lessee may drill or not drill on the leased premises as it may elect, and the consideration and rentals paid and to be paid constitute adequate compensation for such privilege.

EIGHTH: If the Lessor does not have title to all the oil and gas (and other minerals, including oil and gas, in the event the leased premises are utilized for underground storage of gas hereunder) under the leased premises, or if the acreage or area herein recited is in excess of the true quantity of land in the leased premises, Lessor agrees on demand to refund, as applicable, delay rentals and royalties or storage rentals paid and to release Lessee from the payment of future delay rentals, royalties, or storage rentals in proportion to the outstanding title or difference between the recited and true acreage. In case of the failure of Lessor to so refund, Lessee shall have and is here given the right to apply future delay rentals, royalties, or storage rentals on such overpayment until the amount thereof is paid, without in anywise affecting the validity of said lease. If the recited acreage or area be found to be less than the quantity of land in said premises, Lessee on demand made, shall pay up arrears or deficiency in rental payments on the basis of the excess of the true over the said recited acreage, and thereafter pay the rental under this lease on the basis of the true acreage.

NINTH: Lessor hereby warrants and agrees to defend the title to the property herein leased, and agrees that Lessee shall have the right at any time to redeem for Lessor by payment, any mortgages, taxes or other liens on the above-described lands, in the event of default of payment by Lessor, and be subrogated to the rights of the holder hereof; further agrees in case of notice of any adverse claim or suit filed affecting the title to the leased premises or affecting all or any part of the rentals or royalties hereunder, Lessee, in event suit is not then pending, may file same, and in either event hold the rentals and royalties until the ownership is determined by final decree of a court of competent jurisdiction without in anywise affecting its rights hereunder.

10/20/2023

TENTH: All payments due hereunder may be made by cash or check to R. K. Talbott, Agent (1/3) or by deposit to _____ credit in the _____ Bank of _____, or by check made payable to _____ order and mailed to _____ at 1599 Quarrier Street P. O., Charleston _____ County, State of WV 25311, who is hereby appointed Agent of the part _____ of the first part for such purposes. In the event

any amount payable to any Lessor by Lessee is less than One Dollar (\$1.00), Lessee shall have the right to withhold such payment, without interest, until the amount so payable exceeds One Dollar (\$1.00), at which time payment will be made as herein provided.

ELEVENTH: Lessor agrees that upon confirmation of this said lease by the surface owner or owners thereof that said owner or owners or the tenant who resides thereon, at the direction of such owner or owners, may use, free of charge, subject to the conditions and provisions hereafter contained, for light and heat in one (1) dwelling house located on the leased premises, 200,000 cubic feet of gas per year from a well drilled and utilized by Lessee on said leased premises either for the production of oil or gas or for gas storage purposes. All gas in excess of 200,000 cubic feet used in each year shall be paid for by such user at the current published appropriate rates of the Lessee's affiliated distribution company. This privilege is granted upon condition that such user shall furnish and install the necessary line, regulators and all other equipment and appliances necessary to receive and control said gas and assume all risk in connection therewith, and user shall use said gas with economy through and in safe and suitable appliances, and shall subscribe to and be bound by the reasonable rules and regulations of the aforesaid distribution company relating to such use of gas. All connections shall be made by the Lessee at points it may select. Before making such connection, satisfactory evidence of the right and privilege to the use of free gas shall be furnished by said surface owner or owners to Lessee, and in no event shall more than one (1) free gas privilege be granted on said tract of land. Said free gas shall be exclusively used on said premises. If such user does not promptly pay for gas used in excess of said 200,000 cubic feet per year, Lessee may, and it is here given the right to, apply the emoluments accruing hereunder to the owner or owners of the leased premises to satisfy any sums which then may be due for such excess gas. Each and all of the terms, conditions and provisions hereof, with respect to the use of free gas, shall be fully complied with and shall be considered and construed to be conditions precedent to the right to the use thereof. The Lessor further agrees to accept at any time at the option of the Lessee a cash payment of Seventy-five Dollars (\$75.00) per annum as full consideration and compensation in lieu of the right to take and use such quantity of gas free of cost for such year.

TWELFTH: In the event any gas well drilled on said premises shall produce raw or drip gasoline, Lessor shall be paid for their proportionate part one-eighth (1/8) of the wholesale price received therefor less transportation and handling charges.

THIRTEENTH: It is agreed that the said Lessee is to have the privilege of using sufficient water, gas and surface rock from the said premises to run all machinery necessary for drilling and operating thereon and the abandoning of any well on said premises, and at any time to remove all machinery and fixtures placed on said premises; and further upon the payment of One Dollar (\$1.00), at any time, by said Lessee to the Lessor or to the above named Agent, the Lessee shall have the right to surrender all or any portion of this lease to the Lessor for cancellation, after which all payments and liabilities thereafter to accrue under and by virtue of its terms shall cease and terminate, and this lease shall thereafter be absolutely null and void. Lessor agrees that the recordation of a deed of surrender in the proper county, and the mailing of a check, payable as above provided, for said last mentioned sum and all amounts then due hereunder, shall be full surrender and termination of this lease, or portions thereof.

FOURTEENTH: All terms, conditions, limitations and covenants between the parties hereto shall extend to their respective heirs, successors, personal representatives and assigns, but no change in the ownership of the land or assignment of rentals or royalties shall be binding on the Lessee until after the Lessee has been furnished with proper evidence of such written transfer or assignment or a true copy thereof. The covenants herein on behalf of the "Lessor" are the joint and several covenants of each of the parties of the first part,

.....
.....
.....
.....
.....

WITNESS, the following signatures and seals, all as of the day and year first above written.

..... (SEAL) *A. K. Ketchum, Trustee* (SEAL)
..... (SEAL) *Charles P. Hudson, Trustee* (SEAL)
..... (SEAL) (SEAL)
..... (SEAL) (SEAL)
..... (SEAL) (SEAL)
..... (SEAL) (SEAL)
..... (SEAL) (SEAL)
..... (SEAL) (SEAL)
..... (SEAL) (SEAL)
..... (SEAL) (SEAL)

ATTEST: _____ Assistant Secretary
COLUMBIA GAS TRANSMISSION CORPORATION 10/20/2023
By _____ Vice President

STATE OF WEST VIRGINIA,
COUNTY OF Ranawha, to-wit:
I, W. Wilson Woodall, a notary public of said county of Ranawha, do
certify that R. K. Talbott - Trustee

whose name is signed to the writing above bearing date the 26 day
of February, 1980, has this day acknowledged the same before me
in my said county.

Given under my hand this 25 day of March, 1980

My commission expires Jan 13, 1988 W. Wilson Woodall
Notary Public.
State of W. Va.

Ohio
STATE OF ~~WEST VIRGINIA~~,
COUNTY OF MAHONING, to-wit:
I, Louise Petransky, a notary public of said county of Mahoning, do
certify that Charles P. Henderson Trustee

whose name is signed to the writing above bearing date the 26th day
of February, 1980, has this day acknowledged the same before me
in my said county.

Given under my hand this 28th day of Mar., 1980

My commission expires No Exp. Louise O. Petransky
Notary Public.

Lease No. 184768
OIL AND GAS LEASE
From R. K. Talbott, Trustee
To ad. al.
COLUMBIA GAS TRANSMISSION CORPORATION
Incorporated
Date Feb. 26, 1980
Term of Years Five (5)
No. Acres 2529.67 acres
On the Waters of Roadway Parcel
District Mahoning Co. Miller town
County Randolph
State of West Virginia.

Received O'clock, M.
Recorded , 19.....
In County, W. Va.
Record of Leases, Vol. Page.....
County Clerk.
Clerk's Fee \$.....
When Recorded Return To
COLUMBIA GAS TRANSMISSION CORPORATION
P. O. Box 1273,
Charleston, West Va. 25325

WEST VIRGINIA; RANDOLPH COUNTY CLERK'S OFFICE

JUNE 21 1980

This instrument was this day presented to me in my office,
and thereupon, together with the Certificate thereto annexed,
is admitted to record.

Teste: Virgil Hamrick Clerk

in my said county. day acknowledged the same before me

Given under my hand this day of 19.....

My commission expires
Notary Public.

This Form Completed By W. Wilson Woodall

RECORDED IN THE OFFICE OF THE CLERK OF THE COUNTY OF RANDOLPH, WEST VIRGINIA
10/20/2023

IV-35
(Rev 8-81)

RECEIVED

DEC 27 1983

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date September 7, 1983

Operator's
Well No. 1 - 1878

Farm R. K. Talbott, et. al. #1

API No. 47 - 083 - 0756

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 2735' Watershed Roaring Creek
District: Roaring Creek County Randolph Quadrangle Beverly West

COMPANY Union Drilling, Inc.

ADDRESS P O Drawer 40, Buckhannon WV 26201

DESIGNATED AGENT Joseph C. Vanzant, Jr.

ADDRESS P O Drawer 40, Buckhannon, WV 26201

SURFACE OWNER Westvaco Corporation

ADDRESS 203 Randolph Avenue Elkins WV 26241

MINERAL RIGHTS OWNER R.K. Talbott, Trustee and Charles P. Henderson, Trustee

ADDRESS 1599 Quarrier Street, Charleston WV 25311

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Stewart ADDRESS P O Box 345, Jane Lew WV 26378

PERMIT ISSUED 4/21/83

DRILLING COMMENCED 8/17/83

DRILLING COMPLETED 8/23/83

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	25'	25'	
9 5/8			
8 5/8	1217.35'	1217.35'	370 SKS
7			
5 1/2			
4 1/2	3143.05'	3143.05'	223
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk Depth 5500' feet

Depth of completed well 5517' feet Rotary x / Cable Tools

Water strata depth: Fresh feet; Salt feet

Coal seam depths: 239', 427', 540' Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Speechley, Balltown Pay zone depth 3064' feet

Gas: Initial open flow show Mcf/d Oil: Initial open flow Bbl/d

Final open flow 18 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 2 hours

Static rock pressure 425 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

10/20/2023

Second producing formation Pay zone depth feet

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

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

Time of open flow between initial and final tests hours

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

(Continue on reverse side)

Randolph 0756

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

Halliburton Water Fractured 8/30/83

2840/44 Speechley, 3062/64 Balltown----55,000# sand and 483 Bbls. water

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Silt and Top Soil			0	10'	
Sand & Shale			10'	239'	
Coal			239'	241'	Coal @ 239'
Sand & Shale			241'	427'	
Coal			427'	432'	Coal @ 427'
Sand & Shale			432'	540'	
Coal			540'	546'	Coal @ 540'
Sand & Shale			546'	1471'	
Big Lime			1471'	1609'	
Big Injun			1609'	1730'	
Sand & Shale			1730'	2308'	
5th Sand			2308'	2416'	
Sand & Shale			2416'	2838'	
Speechley			2838'	2852'	
Sand & Shale			2852'	3060'	
Balltown			3060'	3066'	
Sand & Shale			3066'	3768'	
Benson			3768'	3776'	
Sand & Shale			3776'	4962'	
Elk			4962'	5025'	
Sand & Shale			5025'	5223'	
2nd Elk			5223'	5239'	
Sand & Shale			5239'	5517'TD	
					Small show of gas

(Attach separate sheets as necessary)

Union Drilling, Inc.

Well Operator

By: Joseph C. Pettey 10/20/2023
Joseph C. Pettey, Vice President of Production

Date: September 7, 1983

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

OK



RECEIVED

JUN 26 1984

OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
May 30, 1984

COMPANY Union Drilling, Inc.

PERMIT NO 083-0756 (4-21-83)

P. O. Drawer 40

FARM & WELL NO R. K. Talbott #1-1878

Buckhannon, West Virginia 26201

DIST. & COUNTY Roaring Creek/Randolph

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Phillip Tracy

DATE June 14, 84

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

T. L. ...
Administrator-Oil & Gas Division

July 19, 1984

DATE



August 2, 1982

Union Drilling, Inc.
Drawer 40
Buckhannon, W. Va. 26201

Gentlemen:

FARMOUT AGREEMENT

For and in consideration of \$12,648.35 payable to Columbia Gas Transmission Corporation (hereinafter called "Columbia") by Union Drilling, Inc. (hereinafter called "Union") upon the execution of this agreement by both parties, Columbia grants Union the right to earn a sublease of certain rights from the surface to 100' below the base of the Oriskany Formation in Columbia's interest in certain oil and gas leases containing a total of 2,529.67 acres, more or less, situate in Beverly, Middle Fork and Roaring Creek District, Randolph County, West Virginia, said leases being listed on Exhibit "A" attached hereto and made a part hereof.

One (1) well is to be drilled on the aforesaid lease, or on a drilling unit including part of the subject lease, within one (1) year from the date of this agreement, and one (1) well is to be drilled on the subject acreage, or on such drilling units, each subsequent year until the acreage is fully developed. Each well, if productive of oil and/or gas shall earn Union a sublease, which Columbia will make upon written request, of only those rights acquired by Columbia in and to the oil and gas down to the stratigraphic equivalent of total depth of the well. Each productive well will earn up to a maximum of approximately 320 acres or the lease upon which the well is situate or Columbia's acreage in the drilling unit, whichever is the lesser.

Upon receipt of sublease Union will promptly pay Columbia the further consideration of \$15.00 per earned acre. Union further agrees to record said sublease and forward the recording data to Columbia.

Failure to maintain the aforesaid drilling schedule will make this Farmout voidable as to the undeveloped acreage at the election of Columbia, which election shall be exercised by Columbia's giving Union written notice thereof, sent to Union's last known mailing address.

Columbia reserves the right but not the obligation to purchase any and all gas produced by Union from said leases or drilling units including parts of the subject leases. In addition Union will dedicate to Columbia any and all gas produced from acreage now held in its own right or acreage acquired in its own right within the area of interest as shown on the map

designated as Exhibit "A". Said area of interest being more particularly described as being all lands contiguous to leases shown on Exhibit "A". All such gas shall be purchased at the rate and under the terms of Columbia's standard gas purchase agreement in use at the time Columbia exercises its right to purchase gas from each well drilled pursuant to this Farmout.

Columbia excepts and reserves unto itself an overriding royalty of $\frac{1}{32}$ of $\frac{7}{8}$ on all gas produced, except when gas is produced from the Devonian Shale or formations classified as tight formations pursuant to Section 107(c)(5) of the N.G.P.A. of 1978 in which case Union will pay Columbia a $\frac{1}{16}$ of $\frac{7}{8}$ on all gas produced from subject acreage. Union will pay Columbia a $\frac{1}{16}$ of $\frac{7}{8}$ on all oil produced from said leases. Aforesaid overriding royalties shall be reduced to that proportionate part that Columbia's acreage contributed to a drilling unit bears to the total acreage in the drilling unit. In addition Union will pay any existing overriding royalties on the subject acreage.

All operations conducted by Union upon subject premises shall be performed in a workmanlike manner and consistently with the standards in the industry. Such operations shall be subject to and in accordance with the terms and conditions of the aforesaid leases and further in accordance with all State and Federal laws, and regulations pursuant to such laws. Union agrees to save harmless and indemnify Columbia from any and all claim, damages and liabilities, and costs incurred in defending the same, of any kind whatsoever including, but not limited to, an obligation on Union to plug and abandon any well drilled by Union on subject premises in compliance with then existing laws and regulations. In the event that Union is in violation or arrears of any covenant herein, any terms or conditions of the aforesaid leases, any State or Federal laws, or regulations pursuant to such laws, then upon notice from Columbia served in writing upon Union by mail, return receipt requested, Union shall have thirty (30) days within which to remedy the violation or arrearage to Columbia's satisfaction. After such period, if such violation or arrearage has not been rectified, Columbia shall have the right, forthwith, by written notice to Union addressed as herein provided, to terminate this Farmout Agreement as to any unearned acreage. As to any earned acreage, Columbia shall have the right to withhold any emoluments accruing to the account of Union including, but not limited to, payments for gas purchased from any wells drilled hereunder with the right to apply the same on any claims, damages, liabilities, costs, expenses or fines.

It is agreed that Union will furnish Columbia, at this address, with a plat showing the location and surface elevation of the well as staked. It is also agreed that Union will furnish Columbia with a completion report and a complete set of all logs, including but not limited to Gamma Ray, Neutron, Density and Resistivity Logs for all wells drilled.

Union shall promptly notify Columbia of the completion of any well capable of production on the aforesaid leases, furnishing a plat of the drilling unit and a copy of the unit designation, if applicable.

Rights granted under this Farmout Agreement shall not be assigned, sub-let, mortgaged or encumbered by Union without the prior written consent of Columbia.

Columbia does not warrant title to the premises described in Exhibit "A" and represents that will sublet only those rights held by Columbia in the aforesaid leases.

In the event of the development of acreage, Union shall, before plugging and abandoning or otherwise terminating production or surrendering rights, notify Columbia in writing of its proposed action, and shall, if Columbia desires, execute and deliver to Columbia such surrenders or other documents as may be appropriate to evidence reinstatement of Columbia's full leasehold rights.

Union shall reimburse Columbia for all land and delay rentals and shut-in royalty payments attributable to the acreage subject to this Farmout Agreement falling due during the term of said agreement and will pay the landowner's royalty and any overriding royalty in respect to subject horizons. In the event Union fails to pay all rentals, royalties, or other liabilities accruing by virtue hereof, Columbia shall have the right to reserve and deduct a sufficient sum or sums from any amount due Union on account of the sale of gas from said premises by Union to Columbia, under and pursuant to the standard gas purchase contract made between Union and Columbia. In the event production has not been established or gas purchase revenues are not sufficient to offset all rentals or shut-in royalty payments made by Columbia on the farmout acreage, Union's failure to reimburse Columbia for any and all such payments within sixty (60) days after billing will make this Farmout voidable as to the undeveloped acreage at the election of Columbia, which election shall be exercised by Columbia's giving twenty (20) days written notice thereof and sent by registered or certified mail or delivered to Union last known address.

Columbia shall have the election to participate as a non-operator in the drilling and ownership of each well within the Area of Mutual Interest (as heretofore defined) up to a maximum of Fifty Percent (50%) as a working interest owner, or to not participate, on a well-by-well basis; Columbia to evidence its election within forty five (45) days after receipt of Union's AFE for each well. Union shall be the operator of all such joint wells, the drilling and operation of which shall be governed by an appropriately modified AAPL Form 610-1977, Model Form Operating Agreement, to be entered into by the parties.

10/20/2023

Except insofar as Columbia elects to participate under the terms and conditions set forth above, in the drilling of any well or wells and otherwise complying with the terms and provisions of this agreement, Union is acting independently of Columbia and not as a partner in any capacity, mining or otherwise. Columbia shall likewise have no responsibility whatsoever in connection with the drilling of any well or wells and all drilling will be at Union's sole cost, risk and expense, except to the extent and only to the extent that Columbia elects to participate in said wells, as set forth above.

With Columbia's written permission Union may top-lease, renew or extend undeveloped leases committed to this Farmout and such top-leases, renewals, extensions or leases acquired through other parties covering acreage shown on Exhibit "A" shall be held subject to the terms and conditions, including Columbia's overriding royalty interest, of this Farmout so long as this Farmout remains in force and effect.

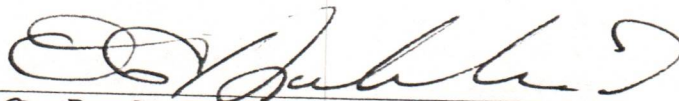
All covenants and conditions between the parties hereto shall extend to their successors and assigns.

If this letter, which is submitted in duplicate, is satisfactory and you desire to proceed accordingly, please sign the acceptance provided below and return one (1) copy to this office, within twenty (20) days.

The signed copy of this letter along with all copies of permits, plats, drilling logs, completion reports and all other related material are to be sent to the attention of James D. Brodt, Manager, Land Projects.

COLUMBIA GAS TRANSMISSION CORPORATION

By



D. C. Hubbard
Senior Vice President

ACCEPTED this the 11th day
of August, 1982.

UNION DRILLING, INC.

By Thomas B. Dunn
(ITS) President

10/20/2023

4-11-83

5050'

LATITUDE 38°52'30"

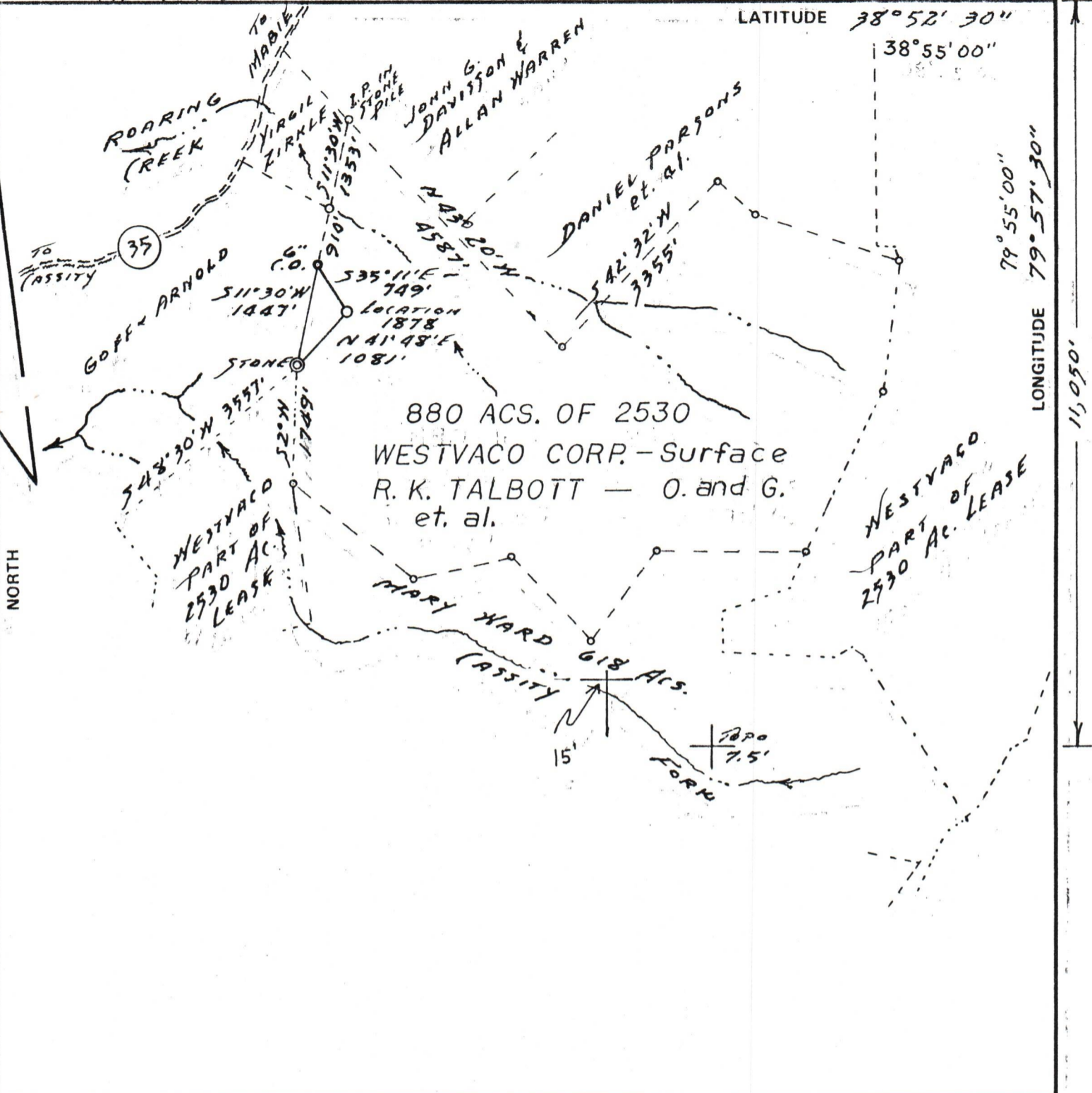
38°55'00"

79°55'00"

LONGITUDE 79°57'30"

11,050'

NORTH



FILE NO. UDI-3-19
 DRAWING NO. 83-10
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION SEC. OF ROADS 550' N. OF LOCATION EL. 2682

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Thomas P. Weaver, Jr.
 R.P.E. _____ L.L.S. 410

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE MARCH 16, 1983
 OPERATOR'S WELL NO. 1-1878
 API WELL NO. _____
47 - 083 - 0756
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 2735 WATER SHED ROARING CREEK
 DISTRICT ROARING CREEK COUNTY RANDOLPH
 QUADRANGLE BEVERLY WEST
 SURFACE OWNER WESTVACO CORPORATION ACREAGE 2530
 OIL & GAS ROYALTY OWNER R.K. TALBOTT et. al. LEASE ACREAGE 2530 **10/20/2023**
 LEASE NO. 184768
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ELK ESTIMATED DEPTH 5500'
 WELL OPERATOR UNION DRILLING INC. DESIGNATED AGENT JOSEPH C. YANZANT, JR.
 ADDRESS P.O. DRAWER 40 BUCKHANNON, W.VA. 26201 ADDRESS P.O. DRAWER 40 BUCKHANNON, W.VA. 26201

RAND. 0756