



1) Date: October 14, 19 83
 2) Operator's Well No. T. Gore #8
 3) API Well No. 47 - 001 - 2006
 State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil XX / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 2163 Watershed: Tygart Valley River
 District: Valley County: Barbour Quadrangle: Audra 7 1/2
- 6) WELL OPERATOR Doran & Associates, Inc. 7) DESIGNATED AGENT Charles Stimeling
 Address 200 Roessler Road Address P. O. Box 39
Pittsburgh, PA 15220 Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name _____
 Address Forest Festival Terrace Address _____
P. O. Box 345 Elkins, WV 26241
Jane New, WV 26378
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Haverty
- 12) Estimated depth of completed well, 5600 feet
- 13) Approximate trata depths: Fresh, 55 feet; salt, _____ feet
- 14) Approximate coal seam depths: 310, 575, 780 Is coal being mined in the area? Yes _____ / No X /

RECEIVED
 NOV 10 1983

OIL & GAS DIVISION
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	Size	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
		Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4				X	30'			
Fresh water								Kinds	
Coal								Sizes	
Intermediate	8 5/8		20#	X		1250'	to surface	by rule 15.05	
Production	4 1/2		10.5	X		5650'	500 sks.	or as req. by rule 15.01	
Tubing								Perforations:	
Liners								Top Bottom	

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-2006

December 12, 1983
 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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires December 12, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>LS</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>15907</u>
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Margaret J. Hassel
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) LOCATION: B (L) Gas, Production 225, Elevation: 2108, District: Valley, County: Boone, State: WV, Well No. 47-001-24005, Date: October 14, 1983

2) WELL OPERATOR: Dorman & Associates, Inc., 200 Rossiter Road, Martinsburg, WV 26030

3) DRILLING CONTRACTOR: [Name], [Address], [City], [State], [Zip]

4) PROPOSED WELL WORK: Drill 2 1/2" hole, 3000 feet, to test for gas in the [Formation]

5) GEOLOGICAL TARGET FORMATION: [Formation]

6) APPROXIMATE COAL SEAM DEPTHS: [Data]

RECEIVED
NOV 10 1983

Casing or Tubing Type	Size	Class	Weight per ft.	Specifications		Footage Intervals	Cement Slab or Packers
				New	Used		
Conductor	4 1/2"	20	30	X		0-30'	
Fresh water							
Coal							
Intermediate							
Production							

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Date	Date(s)
Application received	Follow-up inspection(s)
Well work started	" "
Completion of the drilling process	" "
Well Record received	" "
Reclamation completed	" "

OTHER INSPECTIONS

Reason:	Agent	Plate	Casing	Fee
Reason:				

12/01/2020

1) Date: October 14 1983
 2) Operator's Well No. T. Gore #8
 3) API Well No. 47
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OFFICE OF OIL & GAS
 NOTICE OF APPLICATION FOR A WELL WORK PERMIT

- 4) SURFACE OWNER(S) OF RECORD TO BE SERVED
- (i) Name _____ Address _____
- (ii) Name _____ Address _____
- (iii) Name _____ Address _____
- 5(i) COAL OPERATOR Domenick Marrara
 Address Kingwood, WV 26301
- 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name _____ Address _____
- 5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
 Name _____ Address _____

SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse. (CONSULT POSTMASTER FOR FEES) 1. The following service is requested (check one). <input checked="" type="checkbox"/> Show to whom and date delivered 65 <input type="checkbox"/> Show to whom, date, and address of delivery .. 6 2. RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt fee.)	ARTICLE ADDRESSED TO: Domenick Marrara Kingwood, WV 26301	ARTICLE NUMBER P 468 626 978	<input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED <input type="checkbox"/> EXPRESS MAIL	<input type="checkbox"/> INSURED <input type="checkbox"/> COD	SIGNATURE <input type="checkbox"/> Address <input type="checkbox"/> Authorized agent I have received the article described above.	DATE OF DELIVERY 11/12/83	ADDRESSEE'S ADDRESS (Only if requested)	UNABLE TO DELIVER BECAUSE:	EMPLOYEE'S INITIALS	Following documents: 4 if the well is or other work, proposed casing and and work is only to rol and for
			TOTAL \$							

PS Form 3811, Dec. 1980
 RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

M. Laurie Cecchini
 Vice President - Operations
 Address 200 Roessler Road
 Pittsburgh, PA 15220
 Telephone 412-344-5200

By Donald P. Laughlin
 Vice President - Operations
 Address 200 Roessler Road
 Pittsburgh, PA 15220
 Telephone 412-344-5200

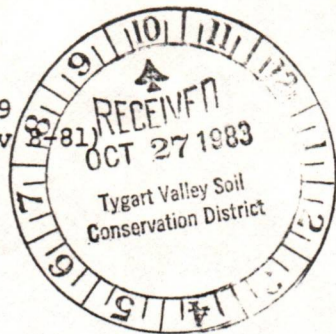
WELL OPERATOR Doran & Associates, Inc.

M. LAURIE CECCHINI, NOTARY PUBLIC
 SCOTT TOWNSHIP, ALLEGHENY COUNTY
 MY COMMISSION EXPIRES JULY 11, 1987
 Member, Pennsylvania Association of Notaries

- 6) EXTRACTON 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.)
- 7) ROYALTY PROVISIONS
- Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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 **XX**
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-50.

P 468 626 978

IV-9
(Rev 8-81)



DATE October 26, 1983

WELL NO. T. Gore No. 8

API NO. 47 - 001 - 2006

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Doran & Associates, Inc.
Address 200 Roessler Road
Pittsburgh, PA
Telephone 412/344-5200

DESIGNATED AGENT Charles Stimeling
Address P. O. Box 39
Bridgeport, WV 26330
Telephone 304/842-6919

LANDOWNER Costal Lumber Co.
Revegetation to be carried out by Charles Stimeling

SOIL CONS. DISTRICT Tygart Valley
(Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan:

10-27-83
(Date)
Charles Stimeling
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
Spacing Along Access Road
Page Ref. Manual 2-12 to 2-14

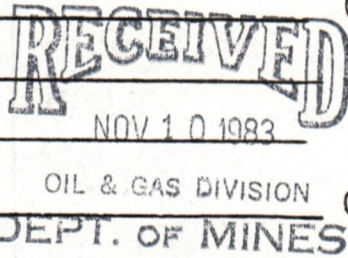
Structure Diversion Ditch (1)
Material Earth
Page Ref. Manual 2-12 to 2-13

Structure Cross Drains (B)
Spacing As Noted on Sketch
Page Ref. Manual 2-1 to 2-6

Structure _____ (2)
Material _____
Page Ref. Manual NOV 10 1983

Structure _____ (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

Lime 3.0 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or straw 2.0 Tons/acre
Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

Treatment Area II

Lime 3.0 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or straw 2.0 Tons/acre
Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

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

Robert J. Staley

PLAN PREPARED BY MSES Consultants 12/01/2023

ADDRESS 609 West Main Street
Clarksburg, WV 26301

PHONE NO. 304-624-9700, 842-3325

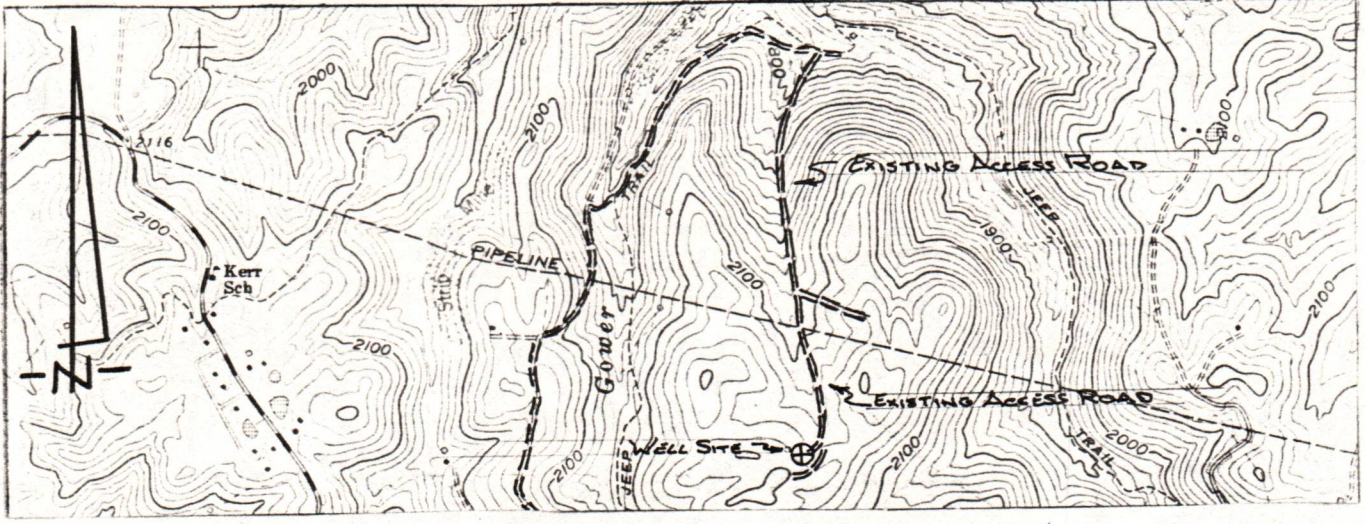
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION C INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Audra 7.5' (1977)

LEGEND

Well Site ⊕

Access Road ———

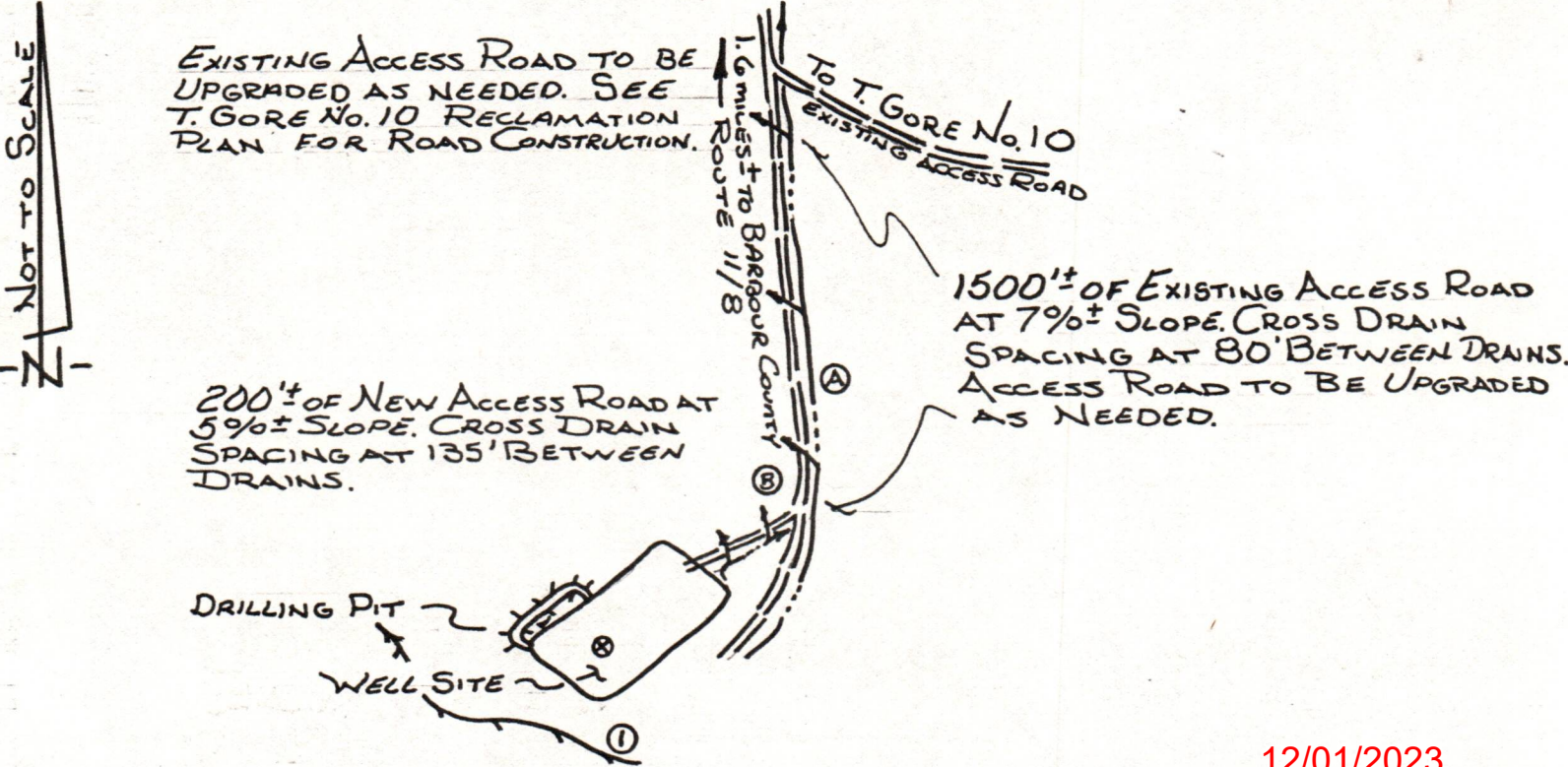


WELL SITE PLAN

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

LEGEND

Property boundary ———▲———	Diversion ———▲▲▲▲▲
Road = = = = =	Spring ○→
Existing fence —x—x—	Wet spot ⊕
Planned fence —/—/—	Building ■
Stream ~~~~~	Drain pipe —○→○→○→
Open ditch ———>———>———>———>———>———	Waterway <= = = =



12/01/2023

Comments: Access to the well site will be gained by constructing approximately 200 feet of new access road, beginning at a junction point in the existing access road off of Barbour County Route 11/8. The access road will be sloped at 2-3% towards the open ditch. All outlets of drainage structures and ditches will be to stable areas. The well location will be located in a flat cleared area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Under most condition the preceding plan will be followed; however, due to lease restrictions, surface owner request and weather conditions, etc., the plan may be altered. Subsequently, the proper erosion and sediment control measures will be installed.

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STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OFFICE OF OIL & GAS
 NOTICE OF APPLICATION FOR A WELL WORK PERMIT

- 4) SURFACE OWNER(S) OF RECORD TO BE SERVED
- (i) Name Coastal Lumber Company
 Address P. O. Box 671
Buckhannon, WV 26201
- (ii) Name _____
 Address _____
- (iii) Name _____
 Address _____
- 5(i) COAL OPERATOR
 Address _____
- 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name _____
 Address _____
- Name _____
 Address _____
- 5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
 Name _____

PS Form 3811, Dec. 1980

SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
 Show to whom and date delivered
 Show to whom, date, and address of delivery...
 RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt, etc.)

TOTAL \$ _____

3. ARTICLE ADDRESSED TO
COASTAL Lumber Co
P.O. BOX 671
Buckhannon WV 26201

4. TYPE OF SERVICE:
 REGISTERED INSURED COD
 CERTIFIED EXPRESS MAIL
 ARTICLE NUMBER P 468
626979

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE John P. Doran Address Authorized agent

5. DATE OF DELIVERY 11-14-83

6. ADDRESSEE'S ADDRESS (Only if requested)
BUCKHANNON
NOV 14 1983
WV

7. UNABLE TO DELIVER BECAUSE:
 7A. EMPLOYEES' INITIALS _____

Following documents:
 V-4 if the well is being or other work, proposed casing and
 and
 all work is only to control and for OIL & GAS DIVISION OF MINES

NOV 10 1983

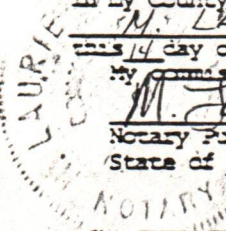
RECEIVED

RETURNING THE APPLICATION
 COPY OF THE APPLICATION
 NEED TO TAKE ANY

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL
 by hand to the person(s) named above (or by publication in certain instances) on or before the day of mailing or delivery to the Administrator.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
M. Laurie Cecchini
 this 14 day of October, 1983.
 My commission expires July 11, 1987.
M. Laurie Cecchini
 Notary Public, Allegheny County,
 State of PA

WELL OPERATOR Doran & Associates, Inc.
 By Donald P. Laughlin
 its Vice President - Operations
 Address 200 Roessler Road
Pittsburgh, PA 15220
 Telephone 412-344-5200



6) 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.)

7) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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.

This Lease, Made this 30th day of November A. D. 1953

Between Truman E. Gore and Eileen W. Gore, his wife; C. Burke Morris and Christine H. Morris, his wife; S. Austin Smith and L. Blanche Smith, his wife; H. H. Cutler and Ruth S. Cutler, his wife; Domenick Marrara and Angelina Marrara, his wife;

of Harrison County, West Virginia hereinafter called Lessor, and Cumberland & Alleghany Gas Company hereinafter called the Lessee.

Witnesseth: The Lessor in consideration of ONE Dollar

paid by the Lessee, the receipt of which is hereby acknowledged, does hereby grant, demise and let unto the Lessee all the Oil and Gas in and under the following described land, and also said land for the purpose and with the exclusive right of drilling and operating thereon for said Oil and Gas, and of storing Gas of any kind in the Oil and Gas strata therein, with the right at will to withdraw such stored gas from storage at any time, together with the right-of-way, and the right to lay pipes, to convey water, oil, steam and gas, and the right to use sufficient water and gas from the premises to drill and operate wells thereon, and such other rights and privileges as are necessary for conducting said operations, and the right to remove at any time all property placed thereon by the Lessee, to-wit:

All that certain tract of land situate on the waters of Tygarts River in Valley Township, District, Barbour County, and State of West Virginia bounded and described as follows, to-wit:
On the North by lands of H. J. Thorne, Amon Fidley et al
On the East by lands of Sarah Venlow
On the South by lands of S. W. Wilmoth et al
On the West by lands of Paul B. Ware, Wm. T. George et al
Containing 850 acres, more or less,
and being same property secured from No well being drilled, however, within two hundred feet of the dwelling house or barn now on the premises without the consent of Lessor.

To have and to hold, The same unto the Lessee for the term of ten years from the date hereof, and as much longer

as operations for Oil and Gas are being conducted on the premises, or Oil or Gas is found in paying quantities thereon; yielding and paying to the Lessor one-eighth of all the oil produced and saved therefrom, to be delivered free of expense into tanks or pipe lines to the credit of the lessor, and if any well produces gas in sufficient quantities to justify marketing the same the said lessor shall be paid Seventy-five & No/100 Dollars quarterly for such well, the first payment to fall due fifteen days after a producing well is completed, and a similar payment quarterly thereafter.

All payments for delay in operating hereunder may be made direct to 3/5 to Truman E. Gore, Agent, Box 506, Clarksburg, West Virginia; 1/5 to H. H. Cutler, Helene Apartments, Clarksburg, West Virginia; 1/5 to Domenick Marrara, Kingwood, West Virginia.

State of he being hereby appointed agent for such purposes; all payments of royalty to be made according to lessor's respective interests therein, and ten days grace shall be allowed on all payments that may become due under provisions of this lease.

Provided, however, that if one well shall not be completed on the said premises before December 30th, 1953 this lease shall become null and void, and all rights thereunder shall cease and determine, unless the Lessee shall pay to the Lessor, in advance, a rental of Two Hundred Twelve and 50/100 - - (\$212.50) Dollars for each additional three months until one well is completed, and any rental for delay, paid as above provided, which is paid to a period beyond the date of completion of a producing gas well shall be applied, to the extent of such overpayment, to the first payment of royalty thereon.

If gas is found in paying quantities and conveyed from the premises and marketed, the Lessor reserves gas from the well or wells on the premises to an amount not exceeding 150,000 cubic feet per year free of cost, for light and heat in the dwelling house on the premises, by laying the necessary line and making connections at Lessor's cost at such point as may be designated by the Lessee, provided said gas is used with economical appliances approved by the Lessee, and is measured by meter as in the case of other consumers; said gas to be used at Lessor's own risk, and Lessee not to be in any way liable for insufficient supply caused by the use of pumping stations, breakage of lines or otherwise; but nothing herein shall prevent the Lessee from abandoning any well or wells and removing the pipe therefrom. If more than 150,000 cubic feet per year is used, the excess shall be paid for at the rate charged by the Lessee to domestic consumers. The Lessee shall have the right to utilize and use free of cost, for power, on this and adjoining premises, any waste or casing head gas produced on the premises.

If there is now, or shall at any time be any outstanding interest in said land or said oil or gas not owned by the Lessor, the royalty and the payments herein provided to be made to the Lessor shall be reduced proportionately.

It being agreed that the Lessors are to receive 1/8 of the proceeds derived from the sale of gas produced and marketed from the oriskany sand or any sands underlying the same.

"All express or implied covenants of this lease shall be subject to all Federal and State Laws, Executive Orders, Rules or Regulations, and this lease shall not be terminated, in whole or in part, nor lease held liable in damages, for failure to comply therewith, if compliance is prevented by, or if such failure is the result of, any such Law, Order, Rule or Regulation."

It is further agreed that the Lessee shall have the right at any time upon the payment of one dollar to surrender this lease to the Lessor and thereafter shall be fully discharged from any and all damages or claims whatsoever growing out of or in any wise connected with said lease.

It is understood between the parties to this agreement that all conditions between the parties hereto shall extend to the heirs, executors, successors and assigns of the respective parties.

In witness whereof, The said parties have hereunto set their hands and seal: the day and year first above written.

WITNESS:

Truman E. Gore (SEAL)
Eileen W. Gore (SEAL)
C. Burke Morris (SEAL)
Christine H. Morris (SEAL)
S. Austin Smith (SEAL)
L. Blanche Smith (SEAL)
H. H. Cutler (SEAL)
Ruth S. Cutler (SEAL)
Domenick Marrara (SEAL)
Angelina Marrara (SEAL)

A 127.50
B 42.50
C 42.50
71

APPROVED BY P. L. G. 12-14-53
ENTERED GEOLOGICAL DEPT. 12-14-54

ENTERED LAND DEPT.

120112023

STATE OF WEST VIRGINIA
COUNTY OF Preston

TO-WIT:

Milford L. Gibson a Notary Public of said County of Preston

CERTIFY that Domenick Marrara and Angelina Marrara, his wife,

name S. ARE signed to the writing above bearing date the 30th day of November 19 53

on this day acknowledged the same before me, in my said County.

Given under my hand, this 12th day of December 19 53

My commission expires March 8, 1956

Milford L. Gibson Notary Public
of Preston County, West Virginia

(ACKNOWLEDGMENT)

OF West Virginia

OF Harrison

ss.

J. Reynolds

Notary Public of said County of Harrison

by that Truman E. Gore and Eileen W. Gore, his wife; C. Burke Morris
Christine H. Morris, his wife; S. Austin Smith and L. Blanche Smith,
wife; H. H. Cutler and Ruth S. Cutler, his wife,

name S signed to writing hereto annexed, bearing date the 30th day of
November A. D., 1953, have this day acknowledged the same before me in my said County

under my hand and seal, this 16th day of December A. D., 19 53

My commission expires December 11, 1952

B. J. Reynolds

Notary Public

STATE OF WEST VIRGINIA,
Barbour County Clerk's Office,

January 22, 19 54

The foregoing writing was this day presented in said office and admitted to
record in Oil & Gas Book No. 32 Page 146

at 11:00 o'clock A.M.

ATTEST: H. D. Coates CLERK

ASSIGNMENT AND AGREEMENT

THIS ASSIGNMENT AND AGREEMENT made the 10th day of December, 1979, by and between Big Sand Drilling Company, Inc., a corporation hereinafter referred to as Big Sand, and Doran & Associates, Inc., a Pennsylvania corporation, hereinafter referred to as Doran.

WITNESSETH: That for and in consideration of the sum of one dollar (\$1.00) in hand paid to Big Sand, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter set forth, Big Sand hereby grants, bargains, sells, and assigns unto Doran, subject to the covenants and agreements set out below, all of Big Sand's rights, title, and interest in and to the following described leasehold estate situate in Valley District, Barbour County, West Virginia.

1. The leasehold gas and oil, and gas and oil leasehold estates in and to the land described in an oil and gas lease made by Truman E. Gore, et al, to Cumberland Allegheny Gas Company, which covers 850 acres dated November 30, 1953 and recorded in the Office of the Clerk of County Court of Barbour County, West Virginia in Oil and Gas Book 32, Page 146 and modified by Modification of Oil and Gas Lease dated July 14, 1964. Said modification recorded in Oil and Gas Book 53, Page 107. Said leasehold being partially assigned by Assignment of Shallow Drilling Rights by Cumberland Allegheny Gas Company dated April 1, 1963 (unrecorded). By an unrecorded agreement The Weaver Oil and Gas Corporation assigned its rights to Edwin Foster Blair & Associates dated June 17, 1963. By a unrecorded agreement Edwin Foster Blair & Associates assigned its rights to Fairhill Oil and Gas Corporation dated August 1, 1964. By a unrecorded assignment and bill of sale Fairhill Oil and Gas Corporation assigned all its rights, title, and interest to Norbin W. Kirk dated May 27, 1976. By a unrecorded agreement and bill of sale Norbin W. Kirk assigned all of his rights to Big Sand Drilling Company, Inc. dated June 8, 1976.
2. Big Sand expressly reserves an area comprised of 1500 foot radius around each existing well. However, the reservation only applies to the producing sand of each said existing well.
3. Big Sand expressly excepts and reserves a 1/32 overriding royalty of the 7/8. Said overriding royalty would be paid to Big Sand Drilling Company, Inc.

THIS ASSIGNMENT IS NEVERTHELESS UNDER AND SUBJECT TO: All the terms and conditions of the said assigned lease and of the said assignments and by accepting this assignment Doran, its successors or assigns, agrees to accept all obligations, liabilities, and duties of Big Sand, under said assigned lease arising from and after the date hereof, except for the area and well reserved by Big Sand under Item No. 2 of this agreement.

12/01/2023

IN WITNESS WHEREOF, Big Sand and Doran have caused their name to be signed and their corporate seals to be affixed hereto by their duly authorized officers, all as of the day and year first above written.

ATTEST:

BIG SAND DRILLING COMPANY, INC.

By George Sims
President

Jeffery Goble/witness

ATTEST:

DORAN & ASSOCIATES, INC.

Louis W. Doran

By Weldon C. Doran Jr.
President

STATE OF W.VA. :
: SS:
COUNTY OF HARRISON :

On this the 10th day of DECEMBER, 1979, before me the undersigned officer, personally appeared GEORGE SIMS of Big Sand Drilling, a corporation, and that he as such PRESIDENT, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as PRESIDENT.

In witness whereof, I hereunto set my hand and official seal.

Louis A. Ferraro
Notary Public
My Commission Expires
3/21/88

STATE OF PENNSYLVANIA:
: SS:
COUNTY OF ALLEGHENY :

On this the 10th day of December, 1979, before me, the undersigned officer, personally appeared Weldon C. Doran, Jr. who acknowledged himself to be the President of Doran & Associates, Inc., a corporation, and that he as such President, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as President.

In witness whereof, I hereunto set my hand and official seal.

M. Laurie Cecchini, Notary Public
Mt. Lebanon Township, Allegheny County
My Commission Expires July 11, 1983
Member, Pennsylvania Association of Notaries

M. Laurie Cecchini 12/01/2023
Notary Public



REVISED

IV-35
(Rev 8-81)

Date March 21, 1984
Operator's _____
Well No. K-Z-34
Farm T. Gore #8
API No. 47 - 001 - 2006

RECEIVED
MAR 26 1984
OIL & GAS DIVISION
DEPT. OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division

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: 2163 Watershed Tygart Valley River
District: Valley County Barbour Quadrangle Audra 7 1/2

COMPANY Doran & Associates, Inc.
ADDRESS 200 Roessler Road Pittsburgh, PA 15220
DESIGNATED AGENT Charlie Stimeling
ADDRESS P.O.Box 39, Bridgeport, WV 26330
SURFACE OWNER Coastal Lumber Company
ADDRESS P.O. Box 671 Buckhannon, WV 26201
MINERAL RIGHTS OWNER Domenick Mararra
ADDRESS Kingswood, WV 26301
OIL AND GAS INSPECTOR FOR THIS WORK Phillip Tracy
Forest Festival Terrace
ADDRESS Elkins, WV 26241
PERMIT ISSUED 12-12-83
DRILLING COMMENCED 12-20-83
DRILLING COMPLETED 12-28-83

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size <u>11 3/4</u> <u>20-16-Cond.</u>	<u>35</u>	<u>0</u>	
<u>13-10"</u>			
<u>9 5/8</u>			
<u>8 5/8</u>	<u>1366</u>	<u>1366</u>	<u>300 sks</u>
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	<u>5419</u>	<u>5419</u>	<u>310 sks</u>
<u>3</u>			
<u>2</u>			
Liners used			

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

GEOLOGICAL TARGET FORMATION Haverty Depth 5600 feet
Depth of completed well 5513 feet Rotary x / Cable Tools _____
Water strata depth: Fresh 11 & 30 feet; Salt ---- feet
Coal seam depths: 220 - 225 Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Haverty, Benson, Speechly Pay zone depth 5276, 3984, 3294 feet
Gas: Initial open flow 50 Mcf/d Oil: Initial open flow natural Bbl/d
Final open flow 267 Mcf/d Final open flow ---- Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 2000# psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth 12/01/2023 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)

BAR. 2006

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

Stimulation Record

Interval Perforated:	From	To	Amt. Fluid	Amt. Sand
Date: 1-26-84	5276	5303	523 bbls	47,000#
	4143	4612	471 bbls	37,500#
	3984	4028	510 bbls	60,000#
	3294	3858	365 bbls	30,000#

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand (White, Hard)			3	45	Water @ 30'
Shale			45	55	
Sand			55	100	
Shale			100	130	
Sand			130	220	
Coal			220	225	
Sand			225	299	
Sand & Shale			299	615	
Shale			615	671	
Sand & Shale			671	825	
R.R.			825	965	
Sand			965	1055	
R.R. & Shale			1055	1305	
Big Lime			1305	1465	
Shale			1465	2146	
5th Sand			2146	2436	
Bayard Sand			2436	2804	
Speechley			2804	3814	
Riley			3814	3982	
Benson			3982	4227	
1st Elk			4227	4576	
2nd Elk			4576	5276	
Haverty			5276	5513	
Driller's T.D.				5513	
Logger's T.D.				5507	

(Attach separate sheets as necessary)

Donald R. Laughlin
Well Operator

By: Donald R. Laughlin Vice President - Operations
Date: March 21, 1984 Revised

12/01/2023

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

THIS AGREEMENT made the 18th day of November, 1980, by and between Weaver Oil & Gas Corporation, Inc., a corporation hereinafter referred to as Weaver and Doran & Associates, Inc., a Pennsylvania corporation, hereinafter referred to as Doran.

WHEREAS, by the following assignments Doran & Associates, Inc. is vested in the leasehold gas and oil and gas and oil leasehold estates in and to the land described in an oil and gas lease made by Truman E. Gore, et al, to Cumberland Allegheny Gas Company, which covers 850 acres dated November 30, 1953 and recorded in the Office of the Clerk of County Court of Barbour County, West Virginia in Oil and Gas Book 32, Page 146 and modified by Modification of Oil and Gas Lease dated July 14, 1964. Said modification recorded in Oil and Gas Book 53, Page 107: Said leasehold being partially assigned by Assignment of Shallow Drilling Rights by Cumberland Allegheny Gas Company dated April 1, 1963 (unrecorded). By an unrecorded agreement The Weaver Oil and Gas Corporation assigned its rights to Edwin Foster Blair & Associates dated June 17, 1963. By a unrecorded agreement Edwin Foster Blair & Associates assigned its rights to Fairhill Oil and Gas Corporation dated August 1, 1964. By a unrecorded assignment and bill of sale Fairhill Oil and Gas Corporation assigned all its rights, title, and interest to Norbin W. Kirk dated May 27, 1976. By a unrecorded agreement and bill of sale Norbin W. Kirk assigned all of his rights to Big Sand Drilling Company, Inc. dated June 8, 1976. By assignment dated December 10, 1979 assigning the shallow drilling rights from Big Sand Drilling Company, Inc. to Doran & Associates, Inc., recorded in Book 83 Page 232, by an unrecorded farmout agreement dated March 7, 1980 between Columbia Gas Transmission Corporation and Doran & Associates, Inc., assigning the deep drilling rights, and

WHEREAS, Weaver by their unrecorded assignment dated June 17, 1963 reserved an overriding royalty of $1/16$ of $7/8$ of any production of oil, gas, or other minerals, and

WHEREAS, Doran is desirous of changing the overriding royalty of $1/16$ of $7/8$ to $1/64$ of $7/8$ in the shallower and deep rights, and

WHEREAS, Weaver is willing to reduce its overriding royalty to a $1/64$ of $7/8$ of the shallow and deep rights.

NOW, THEREFORE, WITNESSETH that for and in the consideration of the sum of One Dollar (\$1.00), to each in hand paid by the other, the receipt of which is hereby acknowledged, and in consideration of the mutual covenants and agreements hereinafter set forth, the parties hereto covenant and agree the overriding

12/01/2023

royalty as stipulated in the said assignment dated June 17, 1963 between Weaver Oil & Gas Corporation, Inc., and Edwin Foster Blair & Associates shall be reduced to an overriding royalty of 1/64 of 7/8 of any production of oil, gas or other minerals produced from this subject acreage after the date of April 1, 1980.

IN WITNESS WHEREOF, Weaver and Doran have caused their name to be signed and their corporate seals to be affixed hereto by their duly authorized officers, all as of the day and year first above written.

ATTEST:

WEAVER OIL & GAS CORPORATION, INC.

V. William Archer, III

By *O. D. Weaver, President*

V. William Archer, III
Assistant Secretary

O. D. Weaver, President

ATTEST:

DORAN & ASSOCIATES, INC.

Luis H. Doran

By *Wesley C. Doran, Jr.*

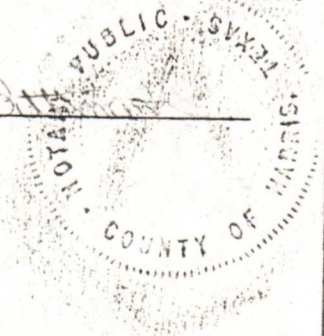
STATE OF Texas :
: SS:
County of HARRIS :

On this the 18th day of November, 1980, before me the undersigned officer, personally appeared O. D. Weaver of Weaver Oil & Gas Corporation, a corporation, and that he as such President, being authorized to do so, executed the foregoing instrument for the purposed herein contained by signing the name of the corporation by himself as President.

In witness whereof, I hereunto set my hand and official seal.

MARIJAYNE PITTMAN
Notary Public in Harris County, Texas
My Commission Expires October 7, 1981
Bonded by L. Alexander Lovell, Lawyers Surety, Corp.

Marijayne Pittman
Notary Public



12/01/2023

STATE OF PENNSYLVANIA :
: SS:
COUNTY OF ALLEGHENY :

On this the 25th day of November, 1980, before me, the undersigned officer, personally appeared Weldon C. Doran, Jr. who acknowledged himself to be the President of Doran & Associates, Inc. a corporation, and that he as such President, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as President.

In witness whereof, I hereunto set my hand and official seal.

M. LAURIE CECCHINI, NOTARY PUBLIC
SCOTT TOWNSHIP, ALLEGHENY COUNTY
MY COMMISSION EXPIRES JULY 11, 1983
Member, Pennsylvania Association of Notaries

M. Laurie Cecchini
Notary Public

22-63-33

BARBOUR COUNTY, W.V.
FILED OR RECORDED

15 10 DEC - 1980
O/S 85 PAGE 280
GLENN A. PROPST, CLERK

STATE OF WEST VIRGINIA, County of Barbour, To-wit:

I, Glenna G. Propst, Clerk of the County Commission of said County, do hereby certify that the foregoing writing, with Certificate thereto annexed, was this day produced to me in my office and duly admitted to record.

Witness my hand. Glenna G. Propst CLERK.

FEE PAID \$1.75

GLENN A. PROPST

CLERK BARBOUR COUNTY COURTS

12/01/2023

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE _____
ELEVATION _____
DISTRICT Valley
QUADRANGLE _____
COUNTY Borlase

API# 47- 001 - 2006
OPERATOR Doran + ...
TELEPHONE _____
FARM Coastal Lumber
WELL # K-7-34

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____
DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED _____

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

APR 22 1986

CASING

Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD _____ feet on _____

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____
Field analysis ph _____ fe _____ cl _____
Well Record received _____

Date Released 4-17-86

Philip Tracy 12/01/2023
Inspector's signature

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	<u>47 - 001 - 2006 - 0000</u>				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>103</u> Section of NGPA	<u>-----</u> Category Code			
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>5513'</u> feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>Doran and Associates, Inc.</u> Name <u>200 Roessler Road</u> Street <u>Pittsburgh</u> <u>PA.</u> <u>15220</u> City State Zip Code			<u>023835</u> Seller Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells:	<u>Valley District</u> Field Name <u>Barbour</u> <u>WV.</u> County State <u>NA</u> <u>NA</u> Area Name Block Number Date of Lease: <u>NA</u> <u>NA</u> Mo. Day Yr. OCS Lease Number				
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>T. Gore #8 KZ-34</u>				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>NA</u>				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract:	<u>Columbia Gas Transmission Corp.</u> Name			<u>004030</u> Buyer Code	
(c) Estimated total annual production from the well:	<u>25</u> Million Cubic Feet				
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>NA</u> (a) Base Price	<u>NA</u> (b) Tax	<u>NA</u> (c) All Other Prices [Indicate (+) or (-).]	<u>NA</u> (d) Total of (a), (b) and (c)
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>2.841</u>	<u>NA</u>	<u>NA</u>	<u>2.841</u>
9.0 Person responsible for this application:	<u>Weldon C. Doran, Jr.</u> <u>President</u> Name Title <u>Weldon C. Doran Jr.</u> Signature <u>December 30, 1983</u> Date Application is Completed				
Agency Use Only Date Received by Juris. Agency Date Received by FERC	<u>(412)-344-5200</u> Phone Number				

JAN 9 1984

12/01/2023

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
 PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)
 (Sections 102, 103, 107 and 108)

GENERAL INSTRUCTIONS

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be confidential and will not be treated as such.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 357-8585.

SPECIFIC INSTRUCTIONS

Use the codes in the table below for type of determination in item 2.

Section of NGPA (a)	Category Code (b)	Description (c)
102	1	New OCS lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS lease
103	-	New onshore production well
107	0	Deep (more than 15,000 feet) high-cost gas
107	1	Gas produced from geopressured brine
107	2	Gas produced from coal seams
107	3	Gas produced from Devonian shale
107	5	Production enhancement gas
107	6	New tight formation gas
107	7	Recompletion tight formation gas
108	0	Stripper well
108	1	Stripper well - seasonally affected
108	2	Stripper well - enhanced recovery
108	3	Stripper well - temporary pressure buildup
108	4	Stripper well - protest procedure

Enter the appropriate information regarding other Purchasers/Contracts.

Line No.	Contract Date (Mo, Da, Yr) (a)	Purchaser (b)	Buyer Code (c)
1			
2			
3			
4			
5			
6			

Remarks:

APPROVED
 12/01/2023

PARTICIPANTS:

DATE: MAR 8 1984

BUYER-SELLER CODE

WELL OPERATOR: Doran and Associates, Inc.

023835

FIRST PURCHASER: Columbia Gas Trans. Corp.

004030

OTHER: _____

APPROVED

APR -9 1984

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
890109-103-001-2006
 Use Above File Number on all Communications
 Relating to Determination of this Well

1500' Radius

001-197
001-425

Qualified ALB

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 _____ Items not completed - Line No. _____
- 2. IV-1 Agent _____
- 3. IV-2 Well Permit _____
- 4. IV-6 Well Plat _____
- 5. IV-35 Well Record _____ Drilling _____ Deepening _____
- 6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7. IV-39 Annual Production _____ years _____
- 8. IV-40 90 day Production _____ Days off line: _____
- 9. IV-48 Application for certification. Complete? _____
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? _____ Affidavit Signed _____
- 18-28. Other: Survey _____ Logs _____ Geological Charts _____
 Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
 Gas Analyses _____
- (5) Date commenced: _____ Date completed _____ Deepened _____
- (5) Production Depth: _____
- (5) Production Formation: _____
- (5) Final Open Flow: _____
- (5) After Frac. R. P. _____
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Report _____
- (5) Oil Production: _____ From Completion Report _____
- 10-17. Does lease inventory indicate enhanced recovery being done _____
- 10-17. Is affidavit signed? _____ Notarized? _____
- Does official well record with the Department confirm the submitted information? _____
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

12/01/2023

Date December 30, 1983

Operator's Well No. KZ-34
API Well No. 47 - 001 - 2006
State County Permit
Previous File No. _____
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Doran & Associates, Inc
ADDRESS 200 Roessler Road
Pittsburgh, PA 15220

DESIGNATED AGENT Charles Stimeling
ADDRESS Box 39
Bridgeport, WV. 26330

Gas Purchase Contract No. NA and Date NA
(Month, day and year)

Meter Chart Code NA

Name of First Purchaser Columbia Gas Transmission Corp
Box 1273
Charleston (Street or P. O. Box)
(City) (State) 25325
(Zip Code)

FERC Seller Code 023835

FERC Buyer Code 004030

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 103 Section of NGPA ----- Category Code -----
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Weldon C. Doran, Jr. President
Name (Print) Title
Signature Weldon C. Doran Jr.
200 Roessler Road
Street or P. O. Box
Pittsburgh, PA 15220
City State (Zip Code)
() 412-344-5200
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

I hereby certify copies of these documents have been sent to the above named 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 purchaser, if known).

The Department of Mines has received a request for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1978 (NGPA); for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the _____ day of _____, 19____, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____

Initial review of information submitted indicates the well is, is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

JAN 9 1984

Date received by
Jurisdictional Agency

By [Signature]
Title _____ 12/01/2023

Date December 30, 1983

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

Operator's Well No KZ-34
API Well No 47 - 001 - 2006
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
MCPA Section 103

DESIGNATED AGENT Charles Stimeling
ADDRESS Box 39
Bridgeport, WV 26330

LOCATION: Elevation 2163'
Watershed Tygart Valley River
Dist. Valley County Barbour Quad Audra 7 1/2

Gas Purchase Contract No. NA
Meter Chart Code NA
Date of Contract NA

WELL OPERATOR Doran & Associates, Inc
ADDRESS 200 Roessler Road
Pittsburgh, PA 15220
GAS PURCHASER Columbia Gas
ADDRESS Box 1273
Charleston, WV 25325

* * * * *

Date surface drilling was begun: 12-20-83

Indicate the bottom hole pressure of the well and explain how this was calculated: BHP= 1146.18

$$BHP = 1000 + 1000 \left(e^{\frac{5513 \times .68}{53.34 \times (55.13 + 460)}} - 1 \right)$$

AFFIDAVIT

I, Weldon C. Doran, Jr., 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, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not 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 in commercial quantities or on which surface drilling began on or after February 19, 1977, and which is capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Weldon C. Doran Jr.

Pennsylvania
STATE OF ~~WEST VIRGINIA~~
COUNTY OF Allegheny, TO WIT:

I, M. Laurie Cecchini, a Notary Public in and for the state and county aforesaid, certify that Weldon C. Doran Jr whose name is signed to the writing above, bearing date 30 day of December, 1983, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 30 day of December, 1983. My term of office expires on the 11 day of July, 1987.

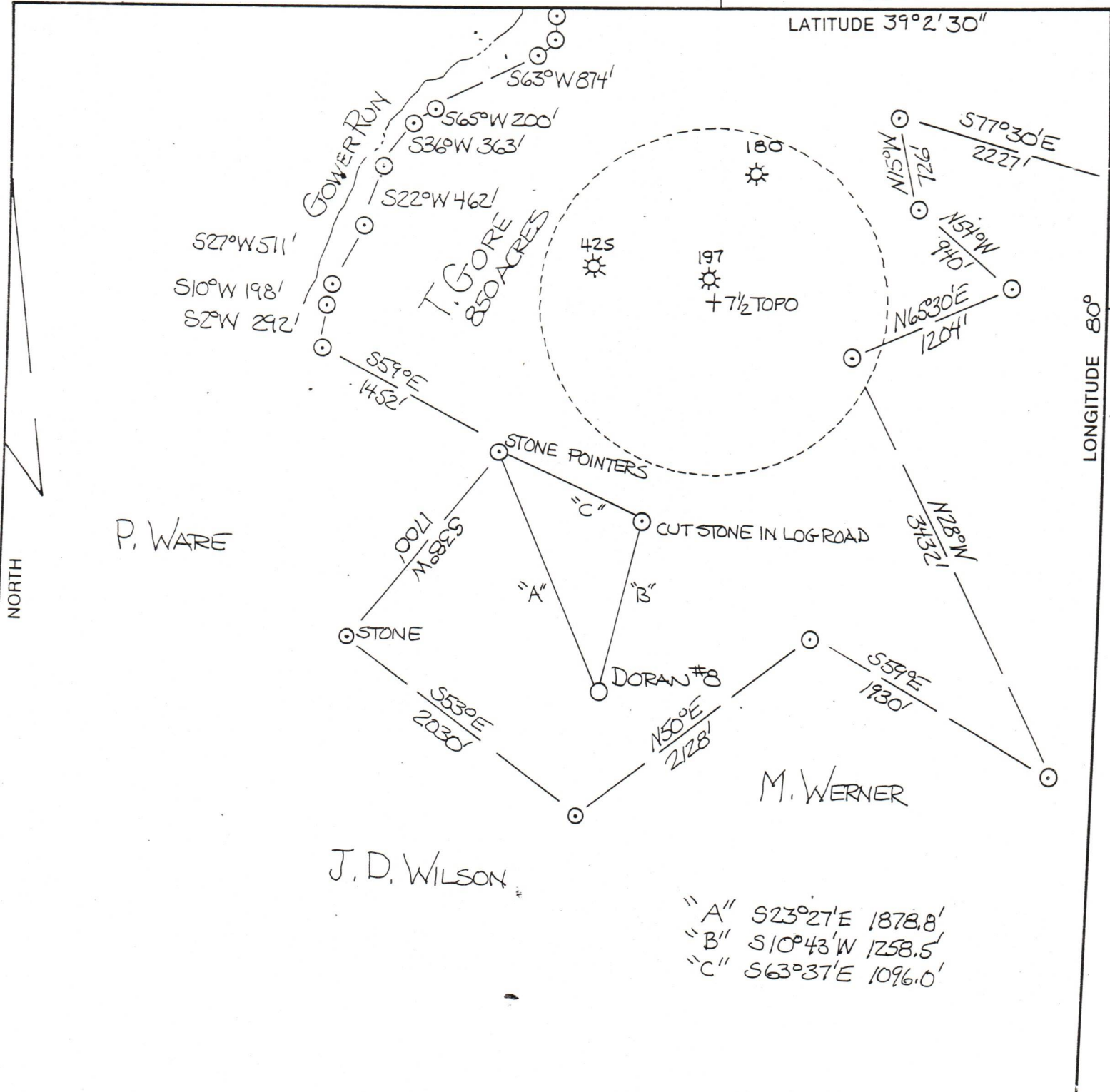
M. LAURIE CEDORINI, NOTARY PUBLIC
SEPT TOWNSHIP, ALLEGHENY COUNTY
MY COMMISSION EXPIRES JULY 11, 1987
Member, Pennsylvania Association of Notaries

M. Laurie Cecchini
Notary Public

(NOTARIAL SEAL)

12/01/2023

LATITUDE 39°2'30"



LONGITUDE 80°

P. WARE

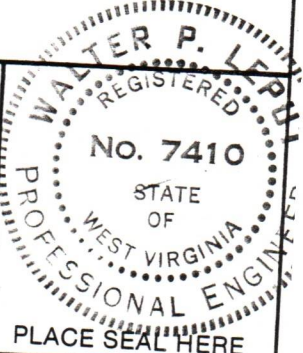
J. D. WILSON

"A" S23°27'E 1878.8'
 "B" S10°43'W 1758.5'
 "C" S63°37'E 1096.0'

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 10-11-83 R
 DRAWING NO. 10-11-83
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION BM ± 1 MILE SOUTHEAST (2237)

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) Walter P. Lepert
 R.P.E. 7410 L.L.S.



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE OCT 11, 19 83
 OPERATOR'S WELL NO. T. GORE 8
 API WELL NO.

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 2163 WATER SHED TYGART VALLEY RIVER
 DISTRICT VALLEY COUNTY BARBOUR
 QUADRANGLE AUDRA 7 1/2

SURFACE OWNER COASTAL LUMBER Co.
 OIL & GAS ROYALTY OWNER IRUMAN GORE ACREAGE 850
 LEASE NO. 47-001-2006 LEASE ACREAGE 850 PERMIT 12/01/2023

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
 GET FORMATION HAVERTY ESTIMATED DEPTH 5600'
 OPERATOR DORAN + ASSOCIATES INC DESIGNATED AGENT CHARLES STIMELING
 ADDRESS 200 ROESSLER ROAD ADDRESS PO Box 39 RT#50 E BRIDGEFORD, W.VA. 26330

COUNTY NAME PERMIT