

Date: February 6, 1981

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. No. 2 Gillooly
API Well No. 47 - 083 - 0430
State County Permit

WELL TYPE: Oil / Gas X /
(If "Gas", Production / Underground storage / Deep / Shallow X /)

LOCATION: Elevation: 2100' Watershed: Short Run of Middle Fork River
District: Roaring Creek County: Randolph Quadrangle: Ellamore

WELL OPERATOR Braxton Oil and Gas Corp.
Address 2821 N.W. 50th Street
Okla. City, Okla. 73112

DESIGNATED AGENT W.M. Woodroe
Address P.O. Box 951
Charleston, W. Va. 25323

OIL & GAS ROYALTY OWNER Patrick G. Gillooly
Address 116 South Washington St.
Berkeley Springs, W. Va. 25411

COAL OPERATOR None
Address

SURFACE OWNER L.L. Moss
Address Rt. 2 Buckhannon,
West Virginia
Acreage 66.66

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Patrick G. Gillooly
Address 116 South Washington St.
Berkeley Springs, W. Va.

FIELD SALE (IF MADE) TO:
Name XX
Address

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Bob Stewart
Address Jane Lew
West Virginia

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract X / dated 2/6, 1981, to the undersigned well operator from Mike Ross

Assignment of Lease

[If said deed, lease, or other contract has been recorded:]
Recorded on not recorded, 19 , in the office of the Clerk of the County Commission of County, West Virginia, in Book at page . A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

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.

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.

Braxton Oil and Gas Corp.
Donald S. Garvin
Well Operator

03/15/2024

By Donald S. Garvin
Its President

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311

BOND DRILL

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) unknown
Address _____

GEOLOGICAL TARGET FORMATION, Elk Sand

Estimated depth of completed well, 5000 feet Rotary / Cable tools _____ /

Approximate water strata depths: Fresh, 75 feet; salt, _____ feet.

Approximate coal seam depths: 400' Is coal being mined in the area? Yes / No _____

DRILLING AND TUBING PROGRAM

DRILLING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water								
Normal	8 5/8	R.S.	20#	X		0-750	750	200 sx Sizes
Intermediate								
Production	4 1/2	CW	10 1/2	X			5000'	165 sx Depths set
Tubing								
Packers								Perforations: Top Bottom

NOTE: 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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is a separate part of the work for which a permit is sought and is included on the Form IV-2 filed in connection therewith.

All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 10-25-81.

[Signature]
Deputy Director - Oil & Gas Division

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:

W A I V E R

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 _____

03/15/2024

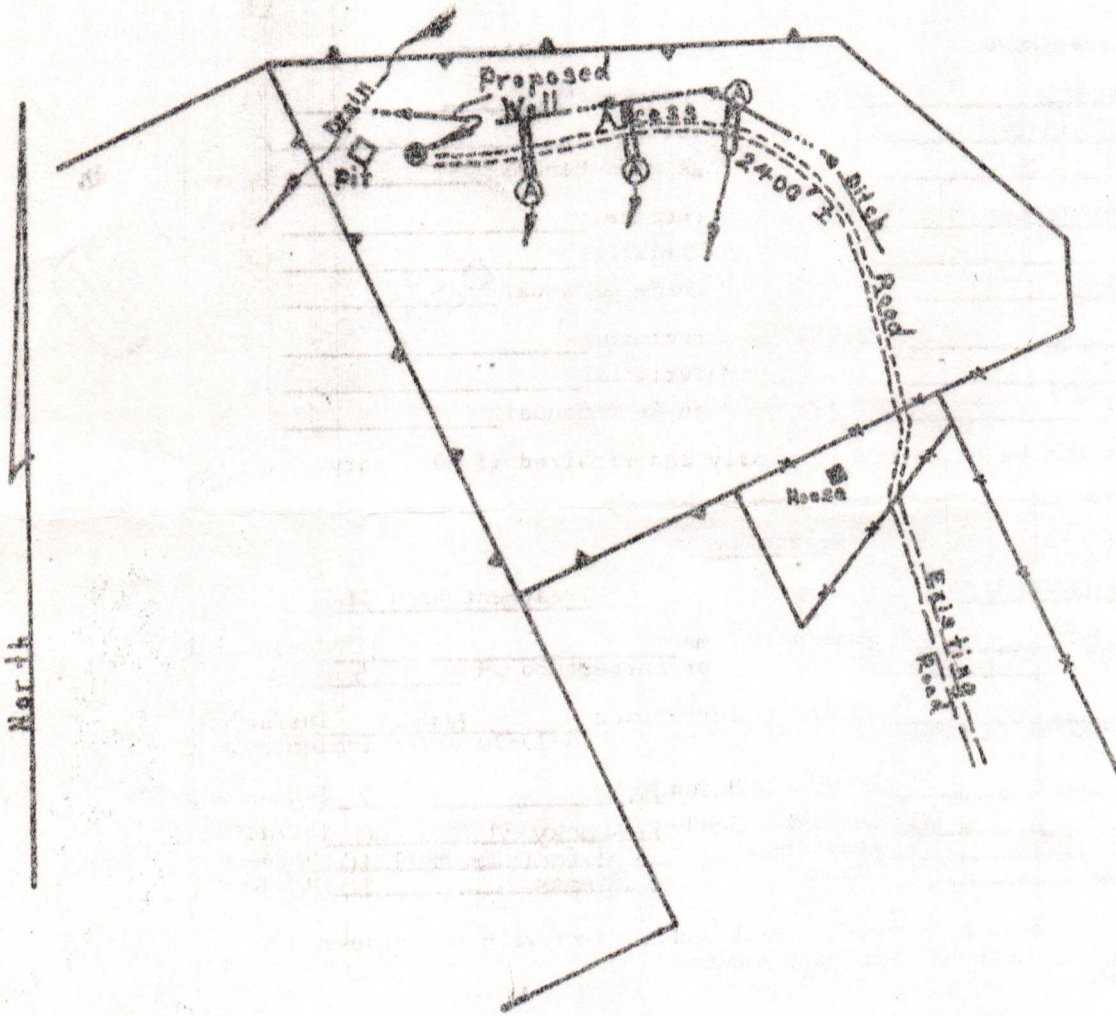
By _____
Its _____

Well Site Plan

Legend: Property Boundry Road Existing Fence Planned Fence Stream Open Ditch

Diversion Spring Wet Spot Building Drain Pipe Waterway

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



Comments:

- 1) Disturbed area to be kept to a minimum
- 2) Cut slopes to be 2:1.
- 3) New culverts to be at natural drain areas or at 300' max.
- 4) Ditches to be cut on uphill side of road where necessary.
- 4) Timber to be cut, stacked and burned.

03/15/2024

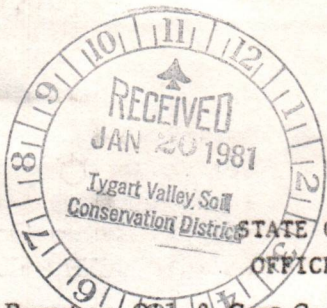
Signature:

Agent

Address

Phone Number

... cooperation to protect new seeding for one growing season.



Date January 16 19 81
Well No. No. 2 Gillooly
API No. 47 - Randolph - 0430
State County Permit

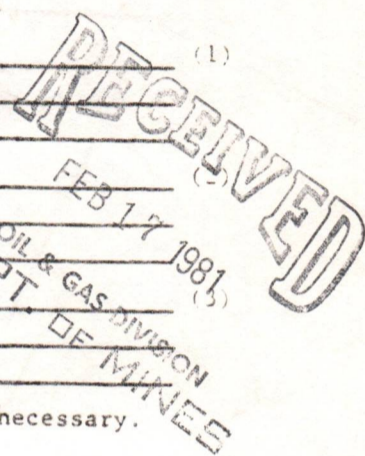
STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Braxton Oil & Gas Corp. Designated Agent R. Woodroe
Address 2821 N.W. 50th Street Address Charleston, W. VA.
Telephone Oklahoma City, Oklahoma Telephone _____
Landowner L. L. Moss Soil Cons. District Tygart Valley SCD

Revegetation to be carried out by Braxton Oil & Gas Corp. (Agent)

This plan has been reviewed by Tygart Valley SCD All corrections and additions become a part of this plan. 1-21-81 (Date) James H. Smith (SCD Agent)

Access Road	Location
Structure <u>Culverts</u> (A)	Structure <u>None</u> (1)
Spacing <u>300' Spacing</u>	Material _____
Page Ref. Manual <u>I- 8</u>	Page Ref. Manual _____
Structure <u>Drainage Ditch</u> (B)	Structure _____
Spacing _____	Material _____
Page Ref. Manual <u>I- 11</u>	Page Ref. Manual _____
Structure _____ (C)	Structure _____
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____



All structures should be inspected regularly and repaired if necessary.

Revegetation

Treatment Area I

Lime Estimated 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/Acre
Seed* Kentucky 31 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Ryegrass 10 lbs/acre

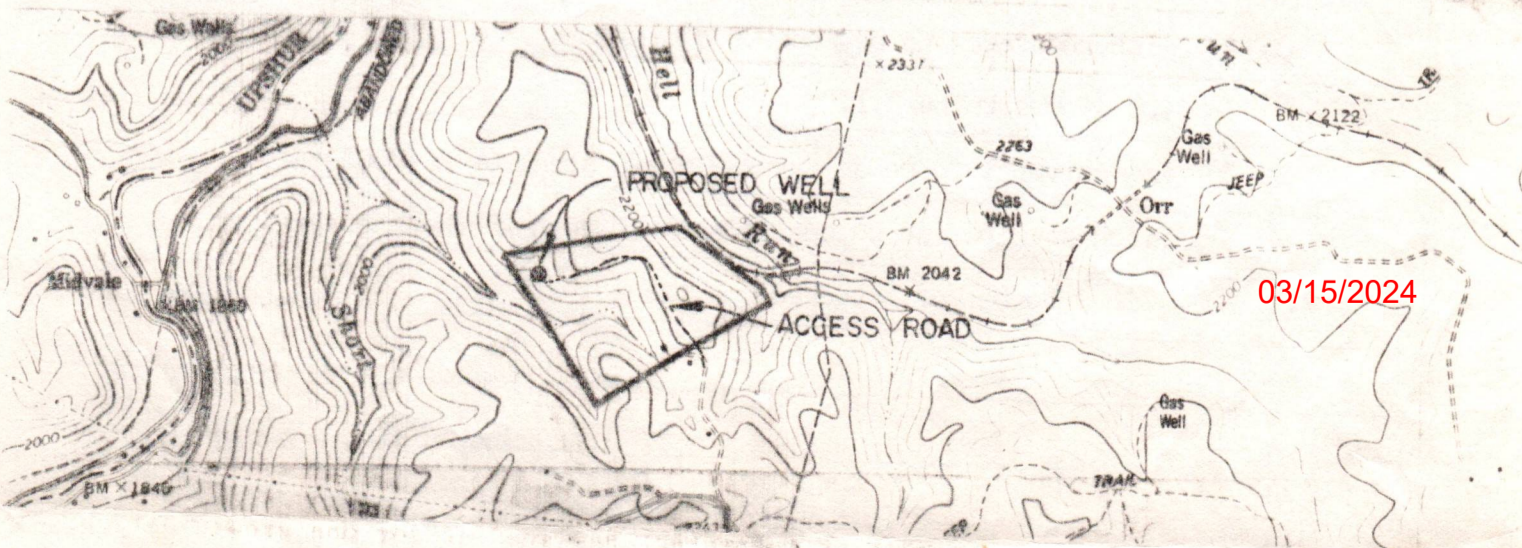
Treatment Area II

Lime 3 Tons/Acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/Acre
Seed* Kentucky 31 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Ryegrass 10 lbs/acre

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

Attach or photocopy section of involved Topographic map. Quadrangle Ellamore, W.Va. 7.5'

Legend: Well Site
 Access Road



03/15/2024

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			3540	4474		
Lower Benson Sand			4474	4419		
Sandy Shale			4419	4840		
Blk Sand			4840	4850	Show Gas	
Sand & Shale			4850	5150	10	

03/15/2024

Date August 21, 19 81

APPROVED Maxton Oil & Gas Corp. Owner

By _____
(Signature)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Ellamore 7.5

Permit No. 47-083-0430

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Braxton Oil & Gas Corp.
Address 11032 Quail Ck. Rd., Okla. City, OK
Farm Patrick Gillooly Acres 67
Location (waters) Short Run
Well No. two (2) Elev. 2100'
District Roaring Creek County Randolph
The surface of tract is owned in fee by _____
L.L. Moss
Address Rt. 2, Buckhannon, WV 26201
Mineral rights are owned by Patrick Gillooly
Address Berkeley Springs, WV
Drilling Commenced 7/22/81
Drilling Completed 7/27/81
Initial open flow 50,000 cu. ft. 0 bbls.
Final production 700,000 cu. ft. per day 0 bbls.
Well open 3 hrs. before test 630# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10 1 3/4"	22'		
9 5/8			
8 5/8	803'	803'	225 sks. - Howco
7			
5 1/2			
4 1/2	4971'	4971'	625 sks. - Howco
3			
1" siphon		3500'	
Liners Used			

Well treatment details:

Attach copy of cementing record.

8/11/81-1st stage-500 gal. acid, 440 bbls. water, 10,000# 80/100 sand, and 37,500# 20/40 sand.

8/11/81-2nd stage-500 gal. acid, 420 bbls. water, 10,000# 80/100 sand, and 37,500 # 20/40 sand.

8/11/81-3rd stage-500 gal. acid, 400 bbls. water, 10,000# 80/100 sand, and 11,000# 20/40 sand.

Coal was encountered at 20-22, 27-29 Feet 0 Inches
Fresh water 110 Feet 0 Salt Water none Feet
Producing Sand Elk, Riley, and Bayard Sands Depth 4840-4850, 3526-3540, 2008-2018

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			0	20		
Coal			20	22		
Shale			22	24		
Sand			24	27		
Coal			27	29		
Sand			29	257		
Sand & Shale			257	540		
Shale			540	970		
Sand & Shale			970	1004		
Big Lime			1004	1115		
Sand & Shale			1115	1210		
Injun Sand			1210	1220		
Sand			1220	1250		
Sand & Shale			1250	1715		
Gordon Sand			1715	1725		
Shale			1725	1820		
Fourth Sand			1820	1840		
Shale			1840	1880		
Fifth Sand			1880	1900		
Sand & Shale			1900	2008		
Bayard Sand			2008	2018		
Shale			2018	2060		
Elizabeth Sand			2060	2072		
Sandy Shale			2072	3526		
Riley Sand			3526	3540	Show Gas	

03/15/2024

(over)

* Indicates Electric Log tops in the remarks section.

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

INSPECTOR'S WELL REPORT

Permit No. 083-0430

Oil or Gas Well GAS
(KIND)

Company <u>BRAXTON Oil & GAS</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>BUCK HANNON</u>	Size			
Farm <u>PATRICK Gillooly</u>	16			Kind of Packer
Well No. <u># 2</u>	13			
District <u>REARING Creek</u> County <u>RAVDOLPH</u>	10			Size of
Drilling commenced <u>7-20-81</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names APPALACHIAN RIG 5

RECEIVED
JUL 21 1981

Remarks: Move Rig SPD

OIL & GAS DIVISION
DEPT. OF MINES

7-20-81
DATE

Robert Stewart
03/15/2024
DISTRICT WELL INSPECTOR

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location			
PLUGS USED AND DEPTH PLACED						BRIDGES		CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST	

Drillers' Names _____

Remarks: _____

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

DATE

03/15/2024

DISTRICT WELL INSPECTOR

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

RECEIVED

MAY 21 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 083-0430

Oil or Gas Well GAS
(KIND)

Company BRAXTON oil & GAS
 Address Buck Hannon
 Farm P Gillooly
 Well No. # 2
 District Boaring Creek County RANDOLPH
 Drilling commenced 7-20-81
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

Volume _____ Cu. Ft.
 Lock pressure _____ lbs _____ hrs.
 _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: O.K. To Release

5-19-82

03/15/2024 511
Robert Stewart

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location	
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE LOST

Drillers' Names _____

Remarks: _____

03/15/2024

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



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

July 13, 1982

Braxton Oil & Gas Corporation
Quail Creek North Office Bldg., Suite 165
11032 Quail Creek Road
Oklahoma City, Oklahoma 73120

Dear Sir:

The required records and reports have been received in this office and the District Inspectors have submitted Final Inspections for the following wells listed below:

<u>PERMIT NO.</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
083-0393-REN.	L. L. Moss, #3	Roaring Creek
083-0429	Patrick G. Gillooly, #1	Roaring Creek
083-0430	Patrick G. Gillooly, #2	Roaring Creek
083-0477	Nada Davis, #2 Preisse	Roaring Creek
083-0497	Westvaco, #1 Tenney	Roaring Creek
083-0498	Westvaco, #2 Tenney	Roaring Creek
083-0478	Meadow Lark Farms, #1 Preisse	Roaring Creek

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved.

Very truly yours,

Theodore M. Streit

TMS:rl

03/15/2024

RECEIVED
SEP 10 1981

OIL & GAS DIVISION
DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47-083-0430			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA	Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5150 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Braxton Oil and Gas Corp. Name 11032 Quail Creek Rd., Suite 165 Street Okla. City, Oklahoma City		002170 Seller Code	73120 Zip Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Ellamore Field Name Randolph County W. Va. State			
(b) For OCS wells:	Area Name _____ Block Number _____ Date of Lease: _____ Mo. Day Yr. OCS Lease Number _____			
(c) Name and identification number of this well: (35 letters and digits maximum.)	No. 2 Gillooly Well			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Columbia Gas Company Name		004030 Buyer Code	
(b) Date of the contract:	Contract Pending _____ Mo. Day Yr.			
(c) Estimated annual production:	40 MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	-.0-	No. Contract	-.0-	-.0-
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.488	variable	-.0-	2.488
9.0 Person responsible for this application:	Donald S. Garvin President			
Agency Use Only	Name _____ Title _____			
Date Received by Juris. Agency	Signature <i>Donald S. Garvin</i>			
SEP 10 1981	August 31, 1981 (405) 755-2823			
Date Received by FERC	Date Application is Completed Phone Number			

03/15/2024

PARTICIPANTS:

DATE: DEC 14 1981

BUYER-SELLER CO

WELL OPERATOR: Braxton Oil & Gas Corp

002170

FIRST PURCHASER: Columbia Gas Transmission

004030

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
81-09-10-103-083-0430
 Use Above File Number on all Communications
 Relating to Determination of this Well

*ck map 1500'
plat ok,*

checked

Qualifies J. H. Higley

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121 Items not completed - Line No. 7.0 all 8.0 c

2. IV-1 Agent W.M. Woodroe

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: 7-22-81 Date completed 7-27-81 Deepened

(5) Production Depth: 4840-50 3526-40 2008-18

(5) Production Formation: Elk Riley Bayard

(5) Final Open Flow: 700 mcf

(5) After Frac. R. P. 680 # 3 hrs

(6) Other Gas Test:

(7) Avg. Daily Gas from Annual Production:

(8) Avg. Daily Gas from 90-day ending w/1-120 days

(8) Line Pressure: PSIG from Daily Re

(5) Oil Production: From Completion Report

0-17. Does lease inventory indicate enhanced recovery being done

0-17. Is affidavit signed? Notarized? 03/15/2024

Does official well record with the Department confirm the submitted information? yes

Additional information _____ Does computer program confirm? _____

as Determination Objected to _____ By Whom? _____

HHH

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

Operator's No. 2 Gillooly
Well No. _____

API Well No. 47 - 083 - 0430
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT John O. Kizer

ADDRESS 1200 Charleston National Plaza
Charleston, West Virginia 25323

WELL OPERATOR Braxton Oil and Gas Corp.
ADDRESS 11032 Quail Creek Rd., Suite 165
Okla. City, Okla. 73120

LOCATION Elevation 2100'
Watershed Short Run
Dist. Roaring Creek County Randolph Quad Ellamore 7.5

GAS PURCHASER Columbia Gas Company
ADDRESS P.O. Box 1273
Charleston, West Virginia 25325

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

* * * * *

Date surface drilling was begun: 7/22/81

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

$$BHP = P_1 + P_2 (e^{GL/53.35T} - 1)$$

$P_1 = 680$
 $T = 120$
 $G = .66$
 $L = 3341$

$BHP = 731 \text{ PSI}$

AFFIDAVIT

I, Donald S. Garvin, 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 was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought 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.

Donald S. Garvin
Donald S. Garvin

Oklahoma
STATE OF ~~WEST VIRGINIA~~
COUNTY OF Oklahoma, TO WIT:

I, Lianna DeBee, a Notary Public in and for the state and county aforesaid, do certify that Donald S. Garvin, whose name is signed to the writing above, bearing date the 31st day of August, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 31st day of August, 1981.

My term of office expires on the 2nd day of October, 1984.

[NOTARIAL SEAL]

Lianna DeBee
Notary Public