



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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DEC 2 1975

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

Surface Owner Bonnie Cottrill
Address Clarksburg, WV 26301
Mineral Owner Bonnie Cottrill
Address Clarksburg, WV 26301
Coal Owner Bonnie Cottrill
Address Clarksburg, WV 26301
Coal Operator None
Address _____

DATE November 28, 1975
Syndex of West Virginia, d/b/a Waco
Company Oil & Gas Co., Inc.
Address P. O. Box 4, Glenville, WV 26351
Farm Bonnie Cottrill Acres 132.39
Location (waters) Ellis Run
Well No. Five (5) Elevation 1080'
District Troy County Gilmer
Quadrangle Glenville

THIS PERMIT MUST BE POSTED AT THE WELL SITE

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 4-5-76.

Robert H. Jones
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Goodnight
PH: 477-2455 ADDRESS Smithville, W. Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated November 21 1967 by Bonnie Cottrill, etal made to Syndex of WV and recorded on the 26th day of January 1970, in Gilmer County, Book 252 Page 50

XXX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Very truly yours, SYNDEX OF WEST VIRGINIA, D/B/A WACO OIL & GAS CO., INC.
(Sign Name) By: Robert H. Jones Agent
Well Operator

Address
of
Well Operator

P. O. Box 4
Street
Glenville
City or Town
WV 26351
State

12/01/2023

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

GIL-2612 PERMIT NUMBER

47-021

Jesse

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Unknown NAME Trio Petroleum Corp.
 ADDRESS _____ ADDRESS Rt. 76, Box 35-E, Glenville, WV 26351
 TELEPHONE _____ TELEPHONE (304) 462-7311
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun Sand
 TYPE OF WELL: OIL _____ GAS XXX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	<u>150 532'</u>	<u>150 532'</u>	<u>50 sacks - Cement To Surface</u>
7			
5 1/2			
4 1/2		2000	100 sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 30 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS None 499' - 3'
 IS COAL BEING MINED IN THE AREA? None BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

12/01/2023

For Coal Company

Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

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AUG 20 1976

OIL & GAS DIVISION
DEPT. OF MINES

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

Quadrangle Glenville

Permit No. GIL-2612

Company <u>Syndex of West Virginia, d/b/a Waco Oil & Gas Co., Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 4, Glenville, WV 26351</u>	Size <u>20-16</u>			
Farm <u>Bonnie Cottrill</u> Acres <u>132.35</u>	Cond. <u>13-10"</u>			
Location (waters) <u>Ellis Run</u>	<u>9 5/8</u>			
Well No. <u>Five (5)</u> Elev. <u>1080'</u>	<u>8 5/8</u>	<u>211</u>	<u>211</u>	<u>75 Sacks</u>
District <u>Troy</u> County <u>Gilmer</u>	<u>7</u>			
The surface of tract is owned in fee by <u>Bonnie Cottrill</u>	<u>5 1/2</u>			
Address <u>Clarksburg, WV 26301</u>	<u>4 1/2</u>		<u>1,960</u>	<u>100 Sacks</u>
Mineral rights are owned by <u>Bonnie Cottrill</u>	<u>3</u>			
Address <u>Clarksburg, WV 26301</u>	<u>2</u>			
Drilling Commenced <u>December 18, 1975</u>	Liners Used			
Drilling Completed <u>December 21, 1975</u>				
Initial open flow <u>Show</u> cu. ft. _____ bbls.				
Final production <u>720,000</u> cu. ft. per day _____ bbls.				
Well open <u>4</u> hrs. before test <u>560</u> RP.				

Well treatment details:

Attach copy of cementing record.

8/4/76 Dowell treated w/35,000# 20-40, 500 GA, 675 Bbls. Gelled Water

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Injun Sand Depth 1852'-1886'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
			0	1350		Records in this interval lost in fire.
Shale			1350	1394		
Sand			1394	1445		
Shale			1445	1455		
Sand			1455	1520		
Shale			1520	1725		
Lime			1725	1750		
Shale			1750	1770		
Lime			1770	1922		
Shale			1922	1985		
TD			1985			

12/01/2023

(over)

* Indicates Electric Log tops in the remarks section.

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

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OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 61-2612

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Syndex of W. Va. d/b/a Waco Oil & Gas Co.</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>Bonnie Cottrell</u>	13			
Well No. <u>5</u>	10			Size of _____
District <u>Troy</u> County <u>Gilmer</u>	8 1/4 <u>8 5/8</u>		<u>206</u>	
Drilling commenced <u>12-18-75</u>	6 5/8			Depth set _____
Drilling completed <u>12-21-75</u> Total depth <u>1991</u>	5 3/16 <u>4 1/2</u>		<u>1959</u>	
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>206</u> No. FT. _____ Date _____ <u>Com To Surface 75 Bq</u>			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Dowell</u>			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Smith
Contr Union Drly Co - Rotary - Air

Remarks:

JUN 40 - 1930 - 1926

12-22-75

DATE

[Signature] 12/01/2023
DISTRICT WELL INSPECTOR

12-5-75



DEPARTMENT OF ENERGY
OIL AND GAS

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

APR 22 1986

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
February 27, 1984

COMPANY Syndex of West Virginia dba
Waco Oil & Gas Company
1297 N. Lewis Street

Glenville, West Virginia 26351

PERMIT NO 021-2612

FARM & WELL NO Bonnie Cottrill #5

DIST. & COUNTY Troy/Gilmer

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 Craig Duckworth
DATE 4/18/86

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. H. [Signature]
Oil & Gas Division

April 25, 1986
DATE



100

1985 5 10

Office of the Inspector General

Department of Justice

Washington, D.C. 20535

Phone: (202) 512-2200

Fax: (202) 512-2200

Internet: www.oig.doe.gov

1000 10th Street, N.W.

Washington, D.C. 20535

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RECEIVED
MAR 30 1979

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>047-021-2612</u>			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA	<u>018406</u> Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>1886</u> feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>Syndex of WV</u> Name		<u>018406</u> Seller Code	
	<u>Glenville,</u> Street		<u>WV</u> State	<u>26351</u> Zip Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>Gilmer</u> Field Name		<u>WV</u> State	
(b) For OCS wells:	_____ Area Name		_____ Block Number	
	Date of Lease: _____ Mo. Day Yr.			
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Bonnie Cottrill #5</u>			
(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.)	<u>Equitable Gas Company</u> Name		<u>005939</u> Buyer Code	
(b) Date of the contract:	<u>0151061710</u> Mo. Day Yr.			
(c) Estimated annual production:	<u>12</u> 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.)	<u>1.690</u>	<u>.140</u>	<u>.030</u>	<u>1.860</u>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<u>2.243</u>	<u>.190</u>	<u>.030</u>	<u>2.463</u>
9.0 Person responsible for this application:	<u>Jerry Masoner</u> Agent			
Agency Use Only	Name _____ Title _____			
Date Received by Juris. Agency <u>MAR 30 1979</u>	Signature _____			
Date Received by FERC	<u>3-27-79</u> Date Application is Completed		<u>462-7170</u> Phone Number	

12/01/2023

PARTICIPANTS:

DATE:

DEC 26 1979

BUYER-SELLER CODE

WELL OPERATOR: Syndex of WV

018406

FIRST PURCHASER: Equitable Gas Co.

005939

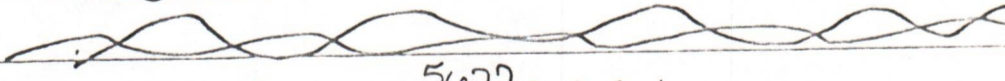
OTHER: _____

*Qualifies as Section 108, stripper well
R.L. Sedd*

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
790330 -108-021-2612
 Use Above File Number on all Communications
 Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 Items not completed - Line No. _____
- 2 IV-1 - Agent Jerry Masoner
- 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 yr. +4 mon. years
- 8 IV-40- 90 day Production 92 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: 12-18-75
- (5) Date Completed: 8-4-76 Deepened
- (5) Production Depth: 1852-1880 · 1770-1922
- (5) Production Formation: Elgin sand; Lime
- (5) Final OPEN FLOW: 720 mced
- (5) After ~~Static~~ R.P. FRAC: 560#
- (6) Other Gas Test: 
- (7) Avg. Daily Gas from Annual Production: $\frac{5677}{275} = 20.6$
- (8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{905}{92} = 9.8$
- (8) Line Pressure: N/A PSIG from Daily Report
- (5) Oil Production: From Completion Report
- (10-17) Does lease inventory indicate enhanced recovery being done? NO 12/01/2023
- (10-17) Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? YES
- Additional Information _____ Does computer program confirm?
- Was Determination Objected to? _____ By Whom? _____

D.T.

Date March 27, 1979

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

Operator's Well No. Bonnie Cottrill #5

API Well No. 47 - 021 - 2612
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT Jerry Masoner

ADDRESS PO Box 4
Glenville, WV 26351

WELL OPERATOR Syndex of WV

LOCATION: Elevation 1080

ADDRESS Glenville, WV 26351

Watershed Ellis Run

Dist. Troy County Gilmer Quad Glenville

GAS PURCHASER Equitable Gas Co.

Gas Purchase Contract No. 6357

ADDRESS 420 Blvd. of the Allies
Pittsburgh, Pa. 15219

Meter Chart Code 37008

Date of Contract 5-6-1970

* * * * *

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

Well Head
Separator

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

We have 18 month production records in our Boston office.

12/01/2023

Describe the search made of any records listed above:

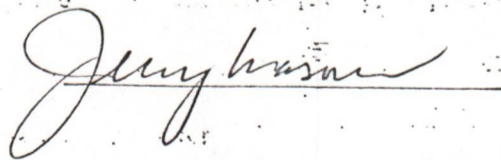
Production Records

Tax Receipts

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No If yes, indicate the type and source of the information

AFFIDAVIT

I, Jerry Masoner, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.



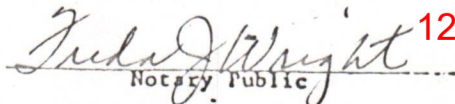
STATE OF WEST VIRGINIA,

COUNTY OF Gilmer, TO WIT:

I, Freda J. Wright, a Notary Public in and for the state and county aforesaid, do certify that Jerry Masoner, whose name is signed to the writing above, bearing date the 27th day of March, 19 79, has acknowledged the same before me, in my county aforesaid,

Given under my hand and official seal this 27th day of March, 19 79.

My term of office expires on the 5th day of June, 19 80.


Notary Public

12/01/2023

[NOTARIAL SEAL]

047-021-2612

1977

API	FARM	COTTRILL	COUNTY	GILMER	AVG. FLOW PRESSURE	NA	SHUT-IN PRESSURE	NA	TOTALS		
GAS MFC	0	0	0	667	4548	3611	2565	2255	2803	2030	GAS 18,479
OIL BBL	J- 30	F- 30	M- 31	J- 31	J- 30	A- 30	S- 31	0- 30	N- 30	D- 31	OIL 0
DAYS ONLINE	30	30	31	31	30	30	31	30	30	31	

12/01/2023

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

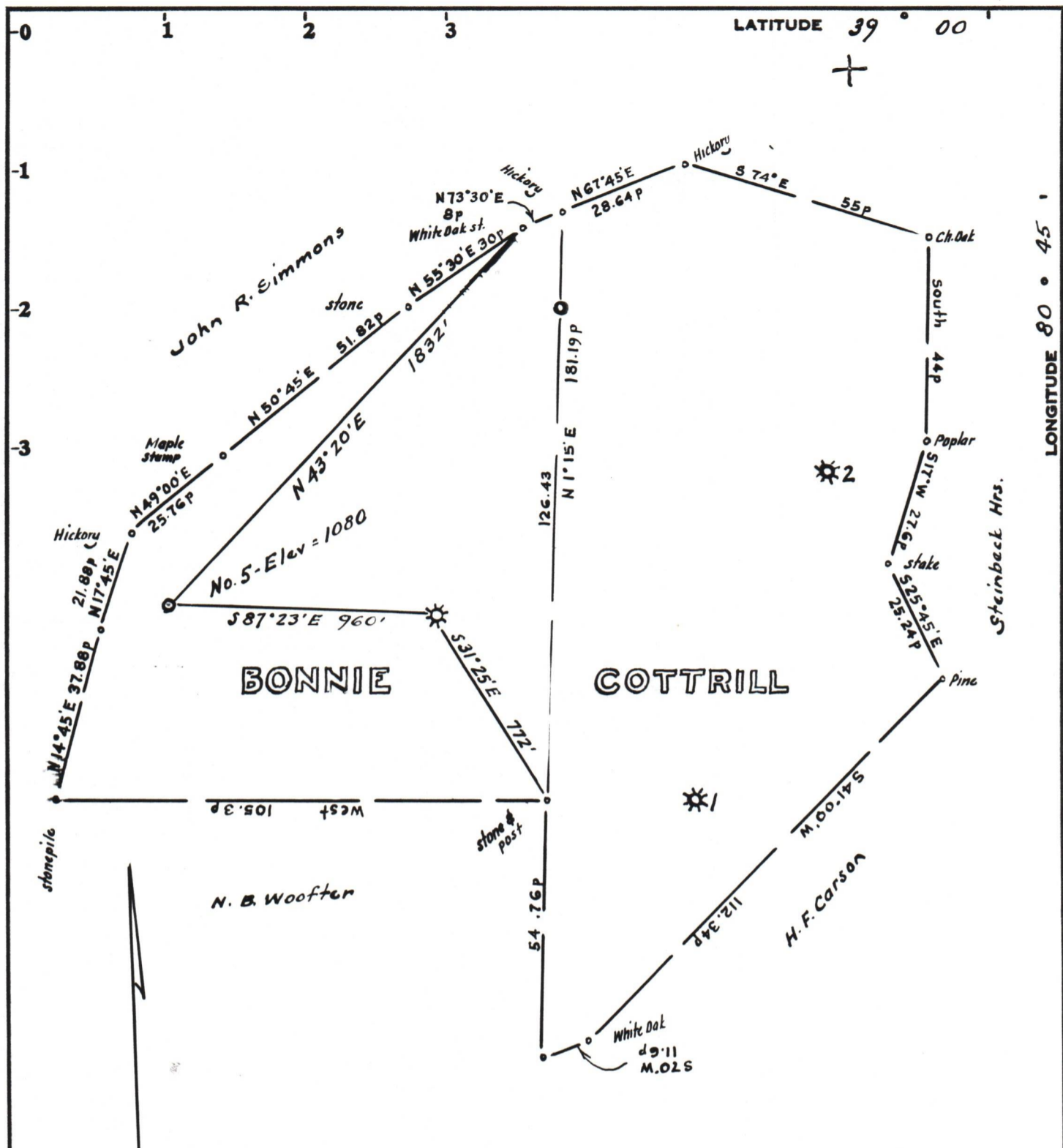
ANNUAL REPORT OF MONTHLY PRODUCTION-1978
GAS VOLUMES IN MFC @ 14.73
OIL IN BARRELS @ 60 DEGREES
ID : 18

REPORT NO. CCA101P1 PG 00002
CURRENT DATE - 12/19/78
REPORT DATE - 12/19/78

1978

API	FARM	COUNTY	AVG. FLOW PRESSURE	NA	SHUT-IN PRESSURE	NA	TOTALS					
GAS MFC	2013	1865	64	0	0	73	240	517	391	261	253	GAS 5677
OIL BBL	J- 30	F- 30	M- 31	J- 30	J- 31	A- 30	S- 30	0- 30	N- 31	D- 30	OIL 0	
DAYS ONLINE	30	30	31	30	31	30	30	30	31	30		

12, 5, 75



Minimum Error of Closure 1 in 200'

Source of Elevation Elev. Well No 4 = 922

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: W. S. Hooper
Squares: N S E W

Map No.

Company SYNDEX of WEST VIRGINIA
 Address dba Waco Oil & Gas Co. Glenville, West Va.
 Farm Bonnie Cottrill
 Tract _____ Acres 132.39 Lease No. _____
 Well (Farm) No. Five Serial No. _____
 Elevation (Spirit Level) 1080
 Quadrangle Glenville
 County Gilmer District Troy
 Engineer W. S. Hooper
 Surveyor _____
 Surveyor's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Nov. 25, 1975 Scale 1" = 30 p = 495'

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

WELL LOCATION MAP

FILE NO. GIL-2612 1201/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to _____, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing. **47-021**

John Sand