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JAN 27 1978

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

R

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

DATE January 26, 1978

Surface Owner Flynn Coal & Lumber Co.
Attn: Mr. Lee Kirtley
Address 332 Brady Ave., Summersville, WV

Company Cities Service Company
Address Box 873, Charleston, WV 25323
PT. of 6413.95

Mineral Owner Same 26651
Address _____

Farm Flynn Coal & Lumber Co. Acres 389.14
Location (waters) Peter Creek
Well No. "A" #11, GW-1786 Elevation 1574.85

Coal Owner Same
Address _____

District Grant County Nicholas

Coal Operator Same
Address _____

Quadrangle Gilboa

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 6-13-78.

INSPECTOR
TO BE NOTIFIED Carlos Loudin

Robert H. Todd
Deputy Director - Oil & Gas Division

ADDRESS Rt. 1 Box 420, Summersville, WV 26651

PHONE 872-5947

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 Dec. 20 1943 by Flynn Coal & Lumber Co. made to Columbian Carbon Co. (now Cities Service Co.) and recorded on the _____ day of _____ 19____, in Nicholas County, Book 10 Page 362

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 same 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, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours, Cities Service Company
(Sign Name) *Sam J. Matthews*
Well Operator Sam J. Matthews
Region Prod. Mgr.
Box 873 Street
Charleston City or Town
W. Va. 25323 State

*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.

BLANKET BOND

NIC- 442 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

47-067

Signed by *Sam J. Matthews*

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME FWA Drilling Co., Inc. NAME Cities Service Company
 ADDRESS P. O. Box 448, Elkview, WV 25071 ADDRESS Box 873, Charleston, WV 25323
 TELEPHONE 965-3799 TELEPHONE 304-344-8383
 ESTIMATED DEPTH OF COMPLETED WELL: 2052' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Lime
 TYPE OF WELL: OIL _____ GAS X 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 NA			
13 - 10 13-3/8" 48#/ft.	30'	30'	23 sx to surface
9 - 5/8 NA			
8 - 5/8 24#/ft. K-55	540' 250	540' 250	155 25 sx to surface
7 NA			
5 1/2 NA			
4 1/2 10.5#/ft. K-55	2052'	2052'	254 sx RFC
3 NA			Perf. Top
2 4.6#/ft. J-55	-	2000'	Perf. Bottom
Liners NA			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 65' FEET - SALT WATER 750 FEET -
 APPROXIMATE COAL DEPTHS 57' (36") , 86 (24")
 IS COAL BEING MINED IN THE AREA? No 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. 11/17/2023

For Coal Company

Official Title

RECLAMATION PLAN

WELL NO. "A" #11, GW-1786

QUADRANGLE Gilboa

SCALE 1" = 2000

Locate and show (1) Well Location (2) Access Road (3) Well Site (4) Drilling Pit and (5) Necessary Drainage Features.



COMPANY NAME Cities Service Company

PERMIT NO. Nic-442

FARM Flynn Coal & Lumber Co. DISTRICT Grant

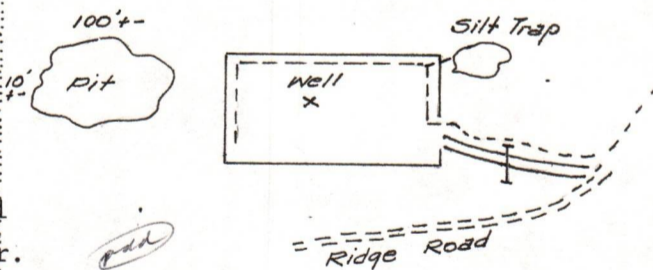
COUNTY Nicholas

STATEMENT OF RECLAMATION PLAN:

Not to scale; drawing of all roads, locations, ditches, drains, pits, silt traps, etc.

The well road will leave the established ridge road and proceed in a NW direction to the well site. The road will be approx. 500' long with a -25% slope. The road will be cut with the drainage to the inside with adequate water channel. The pit will be cut and fill construction of approx. 10' deep. Dike around pit will be approx. 5' high. The pit will be adequate for all fluids and will be sealed with Dowell's Seal M144. The well site will be cut with a drainage ditch on the outer perimeter. Water drainage ditches are established to intercept surface water at site and will be sustained in a sediment trap located to NE of the well site.

Load drainage culverts will be installed as needed. The location (250'± X 100'±) is covered with second growth timber. Salvagable timber will be cut and placed at the bottom of location as used as screening affect and all other timber will be cut and stacked offsite. Reclamation will include backfilling pit, grade or terrace location, liming, fertilizing, seeding and mulching as needed on all unused disturbed areas to bind the soil and prevent substantial erosion and sedimentation (all trash and construction debris, pipe protection, etc. will be removed from well site.)



This plan was observed and agreed upon between the well operator, contractor, and the district oil and gas inspector.

Please indicate (x) "YES" if the district inspector was present. *Dmaed J Bay* 11/17/2023

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Submitted By: *Sam J. Mott* Title Region Prod. Manager Date January 25, 19

file



CITIES SERVICE COMPANY
ENERGY RESOURCES GROUP

Box 873
Charleston, West Va. 25323
(304) 344-8383

November 7, 1978

RECEIVED

NOV - 8 1978

Mr. R. L. Dodd, Deputy Director
W. Va. Oil & Gas Division
1613 Washington Street East
Charleston, WV 25311

OIL & GAS DIVISION
DEPT. OF MINES

Dear Mr. Dodd:

Will you please renew the following wells for reclamation for an additional six months:

NIC-442 - Flynn Coal & Lumber Co. "A" #11
Nicholas County, W. Va.

- 11/21/79

NIC-443 - Flynn Coal & Lumber Co. "A" #12
Nicholas County, W. Va.

- 12/21/78

Sincerely yours,

Sam J. Matthews
Region Production Manager

vb

GRT
Send approval for extension
to Otis also to the Department

11/17/2023



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED

SEP 21 1979

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Gilboa

Permit No. NIC-442

Revised

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

Company Cities Service Company
Address Box 873, Charleston, WV 25323
Farm Flynn Coal & Lumber Co. Acres 389.14
Location (waters) Peter Creek
Well No. "A" #11, GW-1786 Elev. 1574.85
District Grant County Nicholas
The surface of tract is owned in fee by Flynn Coal and Lumber Company; Attn. Lee Kirtley
Address 332 Brady Ave., Summersville, WV 26651
Mineral rights are owned by same
Address _____
Drilling Commenced March 8, 1978
Drilling Completed July 12, 1978
Initial open flow 2144 M cu. ft. 0 bbls.
Final production _____ cu. ft. per day 0 bbls.
Well open 24 hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8"K-55 (24#)	258	258	85 sx
7			
5 1/2			
4 1/2"K-55 (10.5#)	2068	2068	200 sx
3			
2 -3/8 J-55 (4.6#)		2025	
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforated Big Lime (1765-1773) with 2 shot/ft. (17 holes) Acidized Big Lime with 5000 gal. 28% HCL containing 100# Citric and 8 gal. HC₂ surfactant. Formation broke at 2500' 10 BPM
Perforated Upper Maxon - Total 25 holes - Fraced Upper Maxon Perfs (1168-1260') with 30,000# 80-100 Sand and 70,000# 20-40 sand 1200 # W6-12 40 gal. Clay Stub B, 800# Citric acid, 90# Pen. S-5# 6 BW-3 avg. pressure 2040#. Max. Treating pressure 2200# Sand Conc. 2.6#/gal. TL&T 1006 bbl.

Coal was encountered at 153 Feet 60 Inches
Fresh water Unk Feet Unk Salt Water NA Feet NA
Producing Sand Ravenciff Big Lime Depth 1168-1260 1765-1773

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sub			0	8		
Rock and Sand			8	46		
Rock and Sand			46	153		
Coal			153	158		
Sand			158	173		
Sandy Lime			173	270		
Sand			270	310		
Shale and Sand			310	490		
Salt Sand			490	505		
Shale			505	657		
Salt Sand			657	733		
Sand			733	895		
Shale			795	860		
Sand			860	917		
Sand			917	1055		
Shale			1055	1083		
Shale			1083	1140		
Sand			1140	1248		1168-1170, 1184-1194, 1200-1202, 1214-1220, 1228-1232, 1242-1248,
Broken Sand			1248	1392		1254-1260 11/17/2023
Sand			1392	1456		Gas 582 MCF/D
Shale & Sand			1456	1460		
Lower Maxon			1460	1535		
Shale			1535	1556		
Sand & Shale			1556	1648		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Little Lime			1648	1676		
Blue Monday & RC			1676	1683		
Big Lime			1683	1720		
Big Lime			1720	1840	1765-1773 Gas	730 MCF/D
Big Lime			1840	1940		
Big Lime			1940	1989		
Shale			1989	2075		T.D. 2075'

11/17/2023

Date July 20, 19 78

APPROVED Sam J. Matthews, Owner
 By Region Production Manager
 (Title)

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

RECEIVED

FEB 26 1979

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. NIC 442

Oil or Gas Well GAS
(KIND)

Company Cities Service Co
 Address Box 873 Charleston
 Farm Flynn Coal Lumber Co
 Well No. A-11-GW-1786
 District Jefferson County Nic
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

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

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: Checked Nic 442 as Lois Simpkins asked
Co has graded location but well is not
hooked up or seeded they have bales of
hay on location

2-22-79
DATE

Larry H. [Signature]
DISTRICT WELL INSPECTOR

11/17/2023

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: _____

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

DISTRICT WELL INSPECTOR
11/17/2023

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

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MAR 13 1978

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. M.C. H42

Oil or Gas Well Gas
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Cities Service Company</u>	Size			
<u>Charleston, WV</u>	16			Kind of Packer
<u>Flynn Coal & Lumber Co</u>	13			
<u>A-11 GW 1786</u>	10			Size of
<u>Grant County Nicholas</u>	8 5/8	270	270	
<u>3-7-78</u>	6 3/8			Depth set
	5 3/16			
	3			Perf. top
	2			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom
	CASING CEMENTED <u>8 5/8</u> SIZE <u>270</u> No. FT. <u>3-8-78</u> Date			
	NAME OF SERVICE COMPANY <u>Dowell</u>			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Cemented with 85 Bags

3-9-78
DATE

Martin B. Nichols 508
DISTRICT WELL INSPECTOR

11/17/2023

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: _____

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

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

RECEIVED

JUL 28 1978

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. NIG 442

Oil or Gas Well GAS
(KIND)

Company CITIES SERVICE CO
 Address CHARLESTONE WVA
 Farm FLYNN COAL LUMBER CO
 Well No. A-11-GW-1786
 District GRANT County NIG
 Drilling commenced MARCH 8 1978
 Drilling completed JULY 12 Total depth 2075
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

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

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: CHECKED (NIG 442) AS (MR. DODD) ASKED FOUND LOCATION AND ROAD AND PITT IN BRO SHAPE CO HAS SMALL AMOUNT OF 2" TUBING AND LOCATION

7-26-78
DATE

Lery Hopkins 11/17/2023
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: _____

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

DISTRICT WELL INSPECTOR
 11/17/2023

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

RECEIVED

AUG 21 1978

OIL AND GAS WELLS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Nic 442

Oil or Gas Well _____
(KIND)

Company CITIES SERVICE CO
 Address CHARLESTONE WVA
 Farm FLYNN COAL CO
 Well No. A-11-GW-1786
 District GRANT County NIC
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

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

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: CHECKED (NIC 442) WITH ONE OFF CITIES SERVICE CO MEN AND THE CO IS GOING TO START TO GRADE AND 5000 EQUIV. GAS IS LYING UNDER IN AREA

8-17-78
DATE

Lery Haplin 11/17/2023
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: _____

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

DISTRICT WELL INSPECTOR
11/17/2023

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

RECEIVED
DEC 18 1978
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. NIC 442

Oil or Gas Well GAS
(KIND)

Company <u>CITIES SERVICE CO</u> Address <u>CHARLESTON WVA</u> Farm <u>FLYNN COAL LUMBER CO</u> Well No. <u>A 11</u> District <u>GRANT</u> County <u>NIC</u> Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING Size 16 13 10 8 1/4 6 1/2 5 3/16 3 2 Liners Used	USED IN DRILLING	LEFT IN WELL	PACKERS Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ Perf. top _____ Perf. bottom _____
	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: Called to meet one off Cities Service Co. men at noon went to Nic 442 and vicinity but Co. man never showed up
This is the well that I have violated
12-13-78
DATE Larry H. Harris 506
DISTRICT INSPECTOR 11/17/2023

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. NIC 442

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

DISTRICT WELL INSPECTOR
11/17/2023

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

RECEIVED
DEC 18 1978

INSPECTOR'S WELL REPORT

Permit No. NIC 442

Oil or Gas Well GAS
(KIND)

Company	Casing and Tubing	Used in Drilling	Left in Well	PACKERS
				Kind of Packer
<u>Cities Service Co</u>	Size			
<u>Box 873 CHARLSTON WVA</u>	16			
<u>FLYNN COAL HUMPHREYS CO</u>	13			
<u>A 11 GW-1786</u>	10			
<u>GRANT County NIC</u>	8 1/4			
Drilling commenced	6 3/8			Depth set
Drilling completed	5 3/16			
Date shot	3			Perf. top
Initial open flow	2			Perf. bottom
Open flow after tubing	Liners Used			Perf. top
Volume				Perf. bottom
Rock pressure	CASING CEMENTED	SIZE	No. FT.	Date
Oil	NAME OF SERVICE COMPANY			
Fresh water	COAL WAS ENCOUNTERED AT			
Salt water	FEEET	INCHES	FEEET	INCHES

Drillers' Names _____

Remarks: Checked nic 442 for Reclaiming met with Cities services Co man grading is all work 50000 and hooked up

12-14-78
DATE

Levy H. Phillips
DISTRICT WELL INSPECTOR

11/17/2023

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

DISTRICT WELL INSPECTOR
 11/17/2023



RECEIVED
AUG 14 1984

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

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
July 27, 1984

COMPANY Cities Service Company
P. O. Box 873
Charleston, West Virginia 25323

PERMIT NO 067-0442 2/78
FARM & WELL NO Flynn Coal & Lumber
#A-11, GW-1786
DIST. & COUNTY Grant/Nicholas

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 Graig Duckworth
DATE 8/9/84

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

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

August 24, 1984
DATE

1.0 API well number: (If not available, leave blank. 14 digits.)	_____ 47-067-00442-0000 _____						
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.)	_____ 1773 _____ feet						
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	_____ Cities Service Company _____ Name _____ PO Box 300, 110 W. 7th St. _____ Street _____ Tulsa _____ Okla. _____ 74102 _____ City State Zip Code		_____ 003568 _____ Seller Code				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	_____ Gauley _____ Field Name _____ Nicholas _____ W.V. _____ County 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.)	_____ Flynn Coal & Lumber Co. #11 _____						
(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.)	_____ Equitable Gas Company _____ Name		_____ 005939 _____ Buyer Code				
(b) Date of the contract:	_____ 01312131418 _____ Mo. Day Yr.						
(c) Estimated annual production:	_____ 113.8 _____ 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.)	_____ 1.980 _____ _____	_____ .187 _____ _____	_____ .010 _____ _____	_____ 2.177 _____ _____			
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	_____ 1.980 _____ _____	_____ .187 _____ _____	_____ .010 _____ _____	_____ 2.177 _____ _____			
9.0 Person responsible for this application:	_____ W.F. Hanagan _____ Name Title _____ Manager, Natural Gas Sales and Regulation _____ Signature _____ _____ 1/25/79 _____ Date Application is Completed Phone Number _____ 918/586-3239 _____						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Agency Use Only</td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency</td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency	Date Received by FERC				
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11/17/2023

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE: 11/17/2023

BUYER-SELLER CODE

WELL OPERATOR: Equitable Gas Company

FIRST PURCHASER: Equitable Gas Company

OTHER: _____

000000

000000

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

OK for 103 Classification
Robert Todd

000000-000000-067-0442

Use Above File Number on all Communications
Relating to Determination of this Well

Nicholas

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 Items not completed - Line No. _____
- 2 IV-1 - Agent John J. Bell
- 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? _____ Affidavit Signed _____
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete _____ Signed _____
- 18 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
1:4000 Map _____ Well Tabulations _____ Gas Analyses _____
- (5) Date Completed: _____ Deepened _____
- (5) Production Depth: _____
- (5) Production Formation: _____
- (5) Initial Potential: _____
- (5) Static R.P. Initially: _____
- (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: 11/17/2023
- (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? _____

Operator's Well No. 11
API Well No. 47 - 067 - 00442
State County Permit
Previous File No. (If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Cities Service Company
ADDRESS Box 873
Charleston, W. Va. 25323

DESIGNATED AGENT Sam J. Matthews
ADDRESS Box 873
Charleston, W. Va.

Gas Purchase Contract No. 4651 and Date 03 23 48
(Month, day and year)
Meter Chart Code 2-48-25-5300991

Name of First Purchaser Equitable Gas Company
420 Blvd. of the Allies
(Street or P. O. Box)
Pittsburgh, Pa. 15219
(City) (State) (Zip Code)

FERC Seller Code 003568 FERC Buyer Code 005939

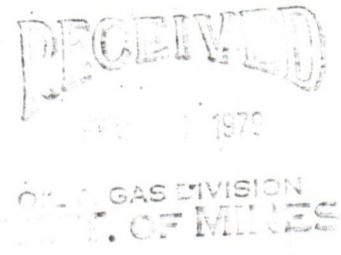
TYPE OF DETERMINATION BEING SOUGHT:

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

Sam J. Matthews Region Prod. Manager
Name (Print) Title
[Signature]
Signature
Box 873
Street or P. O. Box
Charleston, W. Va. 25323
City State (Zip Code)
(304) 344-8383
Area Phone Number
Code

(Certificate of Proof of Service to Purchaser)

Application packet mailed to purchaser February 7, 1979
by Certified Mail Certificate #732646



(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 103 under the Natural Gas Policy Act of 1978. (NGPA). or 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 2 day of April, 1979, 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. 7902071030670442

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

Date received by
Jurisdictional Agency

By [Signature] Director
Title

11/17/2023

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

Date 2/6 1979

Operator's Well No. 11

API Well No. 47 - 067 - 00442
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Sam J. Matthews

ADDRESS Box 873
Charleston, W. Va. 25323

WELL OPERATOR Cities Service Company

LOCATION: Elevation 1574.85

ADDRESS Box 873

Watershed Peters Creek

Charleston, W. Va. 25323

Dist. Grant County Nicholas Quad. Gilboa

GAS PURCHASER Equitable Gas Co.

Gas Purchase Contract No. 4651

ADDRESS 420 Blvd. of the Allies

Meter Chart Code 2-48-25-5300991

Pittsburgh, PA 15219

Date of Contract 03-23-48

* * * * *

Date surface drilling was begun: 03-08-78

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

NOT AVAILABLE

RECEIVED

FEB 19 1979

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT

I, Sam J. Matthews, 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.

STATE OF WEST VIRGINIA,

COUNTY OF Kanawha, TO WIT:

I, Donald J. Gay, a Notary Public in and for the state and county aforesaid, do certify that Sam J. Matthews, whose name is signed to the writing above, bearing date the 6 day of February, 19 79, has acknowledged the same before me, in my county aforesaid

Given under my hand and official seal this 7 day of February, 19 79

My term of office expires on the 23 day of September, 19 79

[NOTARIAL SEAL]

Notary Public

Kanawha

11/17/2023



State of West Virginia

Office of Oil and Gas

Charleston 25305

DESIGNATED AGENT <i>Cities Service Company</i>		PURCHASER		FILING DATE		NGPA SEC.	CO. CODE	PERMIT NO.
PURCHASER IDENTIFICATION NUMBER <i>Sam L. Matthews</i> 005939		OPERATOR'S WELL NAME OR NUMBER <i>Squibble Gas Company</i> <i>Elgins Coal & Lumber #11</i>		YR	MO	DA		
CONTRACT NO. <i>4651</i>		FERC CONTROL NO. <i>JD 79-5162</i>		<i>79</i>	<i>02</i>	<i>07</i>	<i>1030670442</i>	
METER CHART <i>2-48-25-5300991</i>		DATE OF ISSUE <i>4-2-79</i>		EFFECTIVE DATE <i>5-18-79</i>				

BY THE AUTHORITY INVESTED IN ME BY THE STATE OF WEST VIRGINIA, I HEREBY CERTIFY THIS WELL TO HAVE MET THE REQUIREMENTS OF CHAPTER 22, ARTICLE 4, SECTION 1 d (11) OF THE WEST VIRGINIA CODE OF 1931 AS AMENDED AND THE NATURAL GAS POLICY ACT OF 1978, TO BE CERTIFIED AS A 103 *New Orleans Production Well* SECTION DESCRIPTION THIS CERTIFICATE IS ISSUED AS AN ORIGINAL AND IS SUBJECT TO SURRENDER UPON LAWFUL DEMAND BY THIS AGENCY.

Robert C. Dodd
ROBERT C. DODD
ADMINISTRATOR
OFFICE OF OIL AND GAS

OSD File

Date: 11-28-, 1978

Operator's Well No. A-11-GW 1786

API Well No. 11-110-442
State County Permit

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

NOTICE OF VIOLATION

WELL TYPE: Oil ___ / Gas ✓ Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow ✓)
LOCATION: Elevation: 574-85 Watershed: PETER CREEK
District: GRANT County: NIC Quadrangle: GIRBOA

WELL OPERATOR CITIES SERVICE CO DESIGNATED AGENT CITIES SERVICE CO
Address Box 873 CHARLESTON WVA Address Box 873 CHARLESTON WVA
25323 25323

The above well is being posted this 11-28-, 1978 for a violation of Code § 22-4-120 and/or Regulation _____, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

CHECKED THIS WELL ON 7-12-78 AS MR. DODD ASKED AND ON THE 8-17-78 MET WITH CITIES SERVICE CO MAN AND HE TOLD ME THAT HE WOULD START TO RECLAIM IN 2-3 WEEKS BUT NOTHING HAS BEEN DONE YET PITTS IS STANDING OPEN AND LOCATION BAD SHAPE

RECEIVED
NOV 30 1978
OIL & GAS DIVISION
DEPT. OF MINES

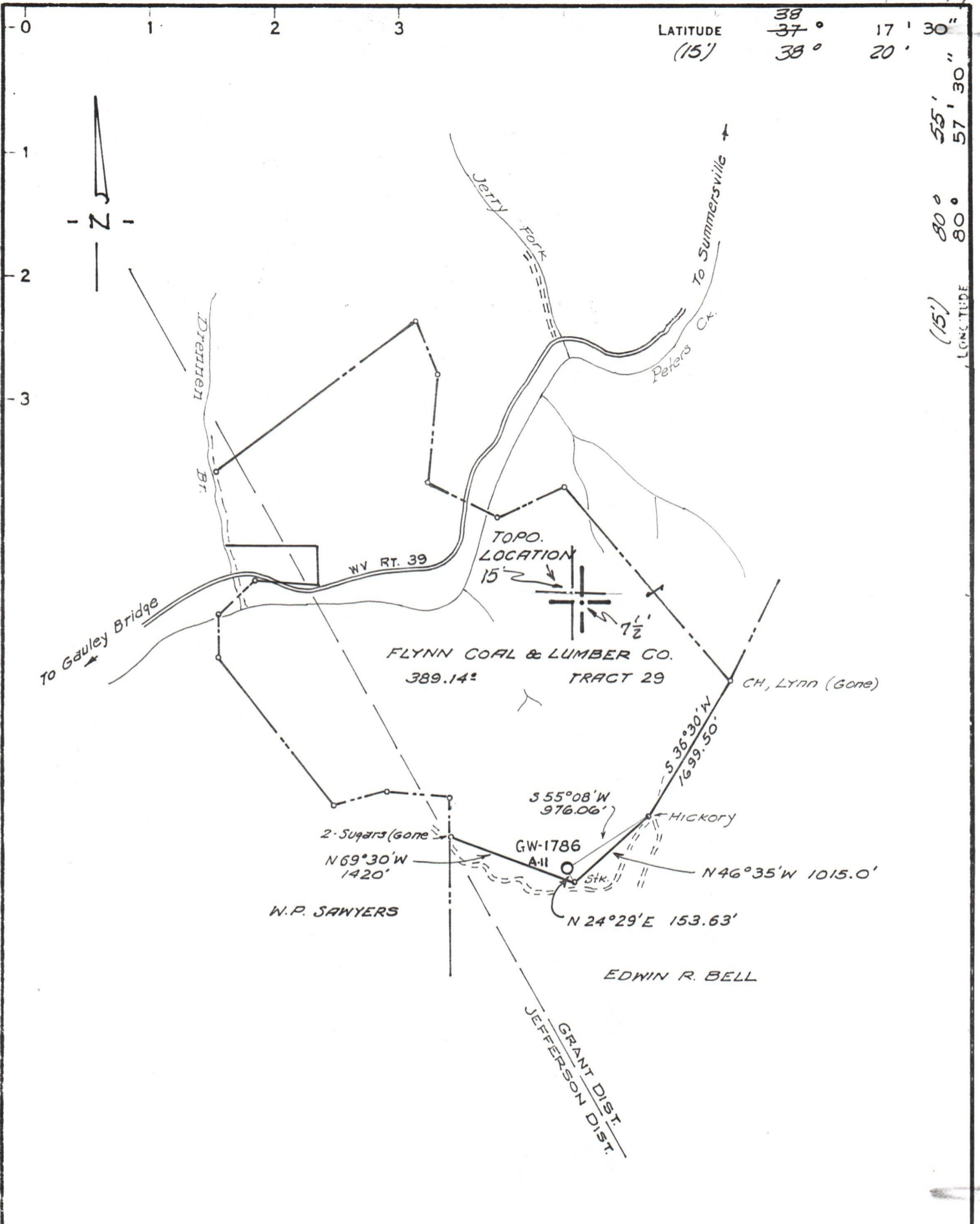
* * * * *

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until 12-28, 1978, to abate this violation. Failure to abate the violation may result in action by the Department under Code § 22-4-17 or Code § 22-4-18.

Larry H. [Signature] **11/17/2023**
Oil and Gas Inspector
Address GENERAL DELIVERY
ANSTON WVA 25812
Telephone 658 4280

1/30/78



CERTIFICATE

"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."
 Minimum degree of accuracy is one part in 200

Signed Donald J. Bay LLS #247

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY CITIES SERVICE COMPANY
 ADDRESS Box 873, Charleston, W.Va.
 FARM FLYNN COAL & LUMBER COMPANY
 MAP _____ ACRES 389.14 LEASE NO. WV 411
 WELL (FARM) NO. A-11 SERIAL NO. GW-1786
 ELEVATION (SPIRIT LEVEL) 1574.85'
 QUADRANGLE GILBOA, SUMMERSVILLE 15'
 COUNTY NICHOLAS DISTRICT GRANT
 POINT OF PROVEN ELEVATION Rd. Junction on RT. 129
Elevation given as 1295'
 FILE NO _____ DRAWING NO. W-1-78
 DATE JANUARY 7, 1978 SCALE 1"=1320'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION 1/17/2023
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. NIC-442
 + DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC
 MAPS. SCALE 1 TO 24,000 LATITUDE AND LONGITUDE LINES
 BEING REPRESENTED BY BORDER LINES AS SHOWN. 47-067
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

52' Biakime