



RECEIVED

OCT 16 1978

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 13, 1978

Surface Owner C. C. Dickinson, et al Company Cities Service Company  
Attn: Mr. Pauley  
Address 1518 Kanawha Valley Bldg., Charleston Address Box 873, Charleston, WV 25323  
Mineral Owner Same W. Va. 25301 Farm C. C. Dickinson, et al Acres 5510.39  
Address \_\_\_\_\_ Location (waters) Beech Run  
Coal Owner Consolidation Coal Company Well No. "B" #23, GW-1804 Elevation 1470.8'  
Address Consol. Plaza, 1800 Washington Road District Jefferson County Nicholas  
Pittsburgh, PA 15241 Attn: John Smart  
Coal Operator Same Quadrangle Nicholas Ansted, Fayetteville  
Address \_\_\_\_\_

**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 3-1-79.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Leroy Hopkins  
ADDRESS Ansted, WV 25812  
PHONE 658-4280

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 Jan. 10, 1944 by C. C. Dickinson et al made to Columbian Carbon Co. (now Cities Service) and recorded on the 28 day of February 1944, in Nicholas County, Book 10 Page 381  
 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)   
Well Operator D. G. Oliver Regional Engr. Manager  
Box 873 \_\_\_\_\_ Street  
Charleston \_\_\_\_\_ City or Town  
W. Va. 25323 \_\_\_\_\_ State

11/17/2023

\*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.

BLANKET BOND

NIC- 475 PERMIT NUMBER

47-067

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

PROPOSED WORK ORDER TO  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME unknown \_\_\_\_\_ NAME Sam J. Matthews \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ ADDRESS Box 873, Charleston, WV 25323 \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE 344-8383 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 1940' \_\_\_\_\_ ROTARY  \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Lime \_\_\_\_\_  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS  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 13-3/8" H-40	30'	30'	Cement to surface
9 - 5/8			
8 - 5/8 24#/ft. K-55	830'	830'	Cement to surface
7			
5 1/2			
4 1/2" 10.5#/ft. K-55	1940'	1940'	1000' (300 sx)
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 170 FEET \_\_\_\_\_ SALT WATER 1092' FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS 173' (12") \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? No \_\_\_\_\_ BY WHOM? N/A \_\_\_\_\_

**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.

\_\_\_\_\_  
For Coal Company

\_\_\_\_\_  
Official Title

11/17/2023

RECLAMATION PLAN

WELL NO. Dickinson "B" #23, GW-1804

QUADRANGLE Ansted

SCALE 1" = 2000'

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

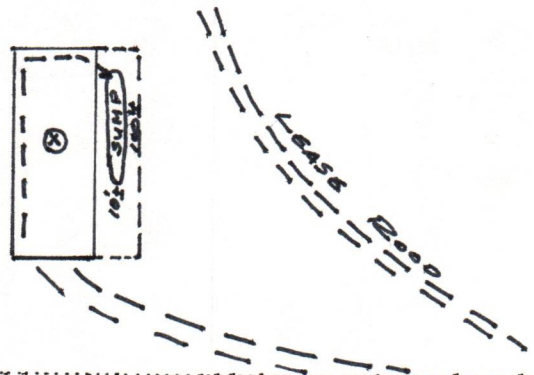


COMPANY NAME Cities Service Company PERMIT NO. Nic-475  
 et al  
 FARM Charles C. Dickinson DISTRICT Jefferson COUNTY Nicholas

STATEMENT OF RECLAMATION PLAN:

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

The well road will leave the existing road and extend in a north westwardly direction to the well site. The road will be approx. 800' long with a 3 or 4% grade. The road will be cut with the drainage to the outside with adequate water channels to include drainage culverts as needed. The pit will be excavated to a depth of approx. 6-8'. The pit will be adequate for all fluids and will line with a plastic liner. The well site will be cut with a drainage ditch on the outer perimeter of well site, water ditches will be established to intercept surface water at site and will be sustained in a sump pit located



on the east side of well site (200' x 100') salvagable timber will be cut into log length and piled at convenient pickup points. Reclamation will include backfilling pits, grade or terrace location and well road, liming, fertilizing, seeding and mulching as needed on all unused disturbed areas to find the soil and prevent substantial arasion and sedimentation to the streams in area.

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OIL & GAS DIVISION  
DEPT. OF MINES

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

*Donald J. Bay*

Please indicate ( ) "YES" if the district inspector was present.

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: *Robert L. Oliver* Title Region Engineering Mgr. Date 10-13-78

*file*



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

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

Quadrangle Ansted  
Permit No. NIC-475

Company <u>Cities Service Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Box 873, Charleston, WV 25323</u>				
Farm <u>C. C. Dickinson, et al</u> Acres <u>5510.39</u>				
Location (waters) <u>Beech Run</u>	Size			
Well No. <u>"B" #23, GW-1804</u> Elev. <u>1470.8</u>	<u>20-16</u>			
District <u>Jefferson</u> County <u>Nicholas</u>	Cond.			
The surface of tract is owned in fee by <u>C. C. Dickinson, et al Attn: Mr. Pauley</u>	<u>13-10"</u>			
Address <u>1518 Kan. Valley Bldg., Charleston, WV 25301</u>	<u>9 5/8</u>	<u>306</u>	<u>306</u>	<u>85 sx Class A Reg Cement</u>
Mineral rights are owned by <u>Same</u>	<u>7</u>			
Address _____	<u>5 1/2</u>			
Drilling Commenced <u>11-15-78</u>	<u>4 1/2</u>		<u>1944</u>	<u>498 sx RFC</u>
Drilling Completed <u>3-14-79</u>	<u>3</u>			
Initial open flow <u>133</u> cu. ft. <u>0</u> bbls.	<u>2 -1/2</u>		<u>1882</u>	
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Well treatment details: Attach copy of cementing record.  
Big Injun Perfs 1870-84 frac w/55,000# 20-40, 30,000# 80-100; AIR 23 BPM, TL&T 500 bbl.  
Keener Perfs 1826-42'; frac w/30,000# 80-100, 60,000# 20-40; AIR 20.5; TL&T 615  
Lower Maxon Perfs; 1446-64'; 12,000# 80-100, 45,000# 20-40 AIR 14 BPM  
TL&T 560 bbl. Fraced out of zone - squeezed off with 50 sx. Ravenscliff perfs 1097-1147'  
Fraced w/3000 gal. 15% HCL and 31 perf balls, 60,000# 80-100 & 60,000# 20-40 AIR 32.5  
TL&T 809', too wet, squeezed off w/80 sx  
 Coal was encountered at 42-45; 56-60 Feet \_\_\_\_\_ Inches  
 Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
 Producing Sand Big Injun & Keener Depth 1870-84 and 1826-42

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand and Rock			0	40		
Sand and Rock			40	40		
Coal			42	43		
Sand and Rock			43	44		
Coal			44	45		
Sand and Rock			45	56		
Coal			56	60		
Shale			60	73		
Sand and Rock			73	122		
Sand, Rock & Shale			122	185		
Sand and Rock			185	278		
Sand and Rock			278	314		
Sand and Shale			314	340		
Salt Sand			340	375		
Shale			375	414		
Shale			414	547		
Sand and Shale			547	635		
Sand and Shale			635	880		
Sand and Shale			880	1072		
Maxon Sand			1072	1100		
Maxon Sand			1100	1170		
Sand and Shale			1170	1181		
Sand and Shale			1181	1405		
Sand and Shale			1405	1426		

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(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			1426	1535		
Big Lime			1535	1558		
Big Lime			1558	1630		
Big Lime			1630	1735		
Lime			1735	1812		
Injun Sand			1812	1870		
Shale			1870	1950		
Shale			1950	1990	T.D.	

11/17/2023

Date April 5, 19 79

Cities Service Company

APPROVED Sam J. Matthews, Owner

Sam J. Matthews

By Region Production Manager

(Title)

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. NIC 475

Oil or Gas Well GAS  
(KIND)

Company <u>CITIES SERVICE</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CHARLESTON</u>	Size			
Farm <u>C-C-DICKINSON</u>	16			Kind of Packer
Well No. <u>B23</u>	13			
District <u>JIFFERSON</u> County <u>NIC</u>	10			<u>circulated</u> Size of
Drilling commenced <u>11-15-78</u>	8 1/4 <del>8</del>	<u>306</u>	<u>306</u>	<u>85 TKS</u>
Drilling completed _____ Total depth _____	6 3/8			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 <u>306</u> SIZE <u>8 5/8</u> No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>DOWELL</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: CHECKER NIC 475 CO HAVE FRACKED TWO ZONES AND ARE SQUEEZING ONE ZONE THAT EQUILATES

2-12-79  
DATE

Leroy N. Phelps 11/17/2023  
DISTRICT WELL INSPECTOR



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. NIG 475

Oil or Gas Well GAS  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>CITIES SERVICE</u>	Size			
<u>CHARLSTON</u>	16			Kind of Packer
<u>C. C. DICKINSON</u>	13			
<u>B 23</u>	10			<u>Circulated</u> Size of
<u>JEFFERSON</u> <del>MADEIRA</del> County <u>NIG</u>	8 1/4	<u>306</u>	<u>306</u>	<u>WITH 80 SRS</u>
<u>Drilling commenced 11-15-78</u>	6 5/8			Depth set
<u>Drilling completed</u> Total depth	5 3/16			
<u>Date shot</u> Depth of shot	3			Perf. top
<u>Initial open flow</u> /10ths Water in <u>Inch</u>	2			Perf. bottom
<u>Open flow after tubing</u> /10ths Merc. in <u>Inch</u>	Liners Used			Perf. top
<u>Volume</u> Cu. Ft.				Perf. bottom
<u>Rock pressure</u> lbs. hrs.	CASING CEMENTED <u>306</u> SIZE <u>8 5/8</u> No. FT. _____ Date _____			
<u>Oil</u> bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Dawell</u>			
<u>Fresh water</u> feet feet	COAL WAS ENCOUNTERED AT <u>173</u> FEET _____ INCHES			
<u>Salt water</u> feet feet	FEET	INCHES	FEET	INCHES
	FEET	INCHES	FEET	INCHES

Drillers' Names \_\_\_\_\_

Remarks: Called out at 9 P.M. to run 8 5/8 CO HAD TO MAKE A TRIP THE BIT LOCKED UP SO WE DINT GET PIPE RUN AND PLUG AN BOTTOM TILL 3:45 A.M. BY Dawell

11-17-78  
DATE

Lery Heflin  
DISTRICT WELL INSPECTOR

11/17/2023





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

RECORDED

APR 12 1979

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. NIC 475

Oil or Gas Well GAS  
(KIND)

Company <u>CITIES SERVICE CO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CHARLESTON</u>	Size			
Farm <u>G-C. DICKINSON</u>	16			Kind of Packer
Well No. <u># B 23</u>	13			
District <u>JEFFERSON</u> County <u>NIC</u>	10			Size of
Drilling commenced <u>11-15-78</u>	8 1/4	<u>306</u>	<u>306</u>	<u>CEMENTED</u>
Drilling completed <u>11-21-78</u> Total depth	6 5/8			<u>85546</u>
Date shot _____ Depth of shot _____	5 3/16			Depth set
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 <u>306</u> SIZE <u>8 5/8</u> No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: CHECKED NIC 475 CO HAS RECLAIMED OIL. BUT WELL IS NOT HOLED UP YET

4-10-79  
DATE

Lery N. Phillips  
DISTRICT WELL INSPECTOR





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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  
Box 873  
Charleston, West Virginia 25323

PERMIT NO 067-0475 11/78  
FARM & WELL NO C. C. Dickinson B-23,  
GW-1804  
DIST. & COUNTY Jefferson/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 Craig Blackwell  
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. L. ...  
Administrator-Oil & Gas Division

August 24, 1984  
DATE

<p>1.0 API well number: (If not available, leave blank. 14 digits.)</p>	<p>47-067-00475-0000</p>				
<p>2.0 Type of determination being sought: (Use the codes found on the front of this form.)</p>	<p>103 Section of NGPA</p>	<p>--- Category Code</p>			
<p>3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p>1990 feet</p>				
<p>4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)</p>	<p>Cities Service Company Name</p>		<p>003568 Seller Code</p>		
	<p>P. O. Box 300 - 110 W. 7th St. Street</p>				
	<p>Tulsa City</p>	<p>OK State</p>	<p>74102 Zip Code</p>		
<p>5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)</p>	<p>Gauley Field Name</p>		<p>WV State</p>		
	<p>Nicholas County</p>				
<p>(b) For OCS wells:</p>	<p>Area Name _____ Block Number _____</p> <p style="text-align: center;">Date of Lease:</p> <p style="text-align: center;">Mo. Day Yr. _____ OCS Lease Number _____</p>				
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p>Dickinson "B" #23</p>				
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)</p>					
<p>6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p>Equitable Gas Company Name</p>		<p>005939 Buyer Code</p>		
<p>(b) Date of the contract:</p>	<p>0 3   2 3   4 8 Mo. Day Yr.</p>				
<p>(c) Estimated annual production:</p>	<p>20 MMcf.</p>				
		(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
<p>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</p>		2 0 4 7	1 9 3		2 2 4 0
<p>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</p>		2 0 4 7	1 9 3		2 2 4 0
<p>9.0 Person responsible for this application:</p>	<p>W. F. Hanagan, Manager, Natural Gas Sales and Regulation</p>				
<p>Agency Use Only</p>	<p>Name _____ Title _____</p>				
<p>Date Received by Juris. Agency</p>	<p><i>W. F. Hanagan</i> Signature _____</p>				
<p>JUL 11 1979 Date Received by FERC</p>	<p>6/11/79 Date Application is Completed</p>		<p>918/586-3239 Phone Number</p>		

11/17/2023

PARTICIPANTS:

DATE:

WELL OPERATOR: Cities Service Company JAN 28 1980

003568

FIRST PURCHASER: Equitable Gas Company

005939

OTHER: \_\_\_\_\_

*Qualifies as Section 103 new modern production well*  
*Produced*

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER  
790711-103-067-0475  
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 Sam J. Matthews
- 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 NO years
- 8 IV-40- 90 day Production NO 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: 11-15-78  
Date Completed: 3-14-79 Deepened \_\_\_\_\_  
(5) Production Depth: 1870-84; 1826-42.  
(5) Production Formation: Big Injun; Keener  
(5) ~~Final~~ Final OPEN FLOW: 133 Initial open Flow  
(5) ~~After~~ After Pressure N/A  
~~Initial~~ R.P. Initially:  
(6) Other Gas Test: \_\_\_\_\_  
(7) Avg. Daily Gas from Annual Production: NO Production  
(8) Avg. Daily Gas from 90-day ending w/1-120 days NO Production  
(8) Line Pressure: N/A PSIG from Daily Report \_\_\_\_\_  
(5) Oil Production: NO From Completion Report \_\_\_\_\_  
(10-17) Does lease inventory indicate enhanced recovery being done: NONE  
(10-17) Is affidavit signed?  Notarized?

11/17/2023

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

Additional Information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_

Was Determination Objected to? \_\_\_\_\_ By Whom? \_\_\_\_\_

*mk*

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

Date July 11, 19 79

Operator's Well No. 23

API Well No. 47 - 067 - 00475  
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  
ADDRESS Box 873  
Charleston, W. Va. 25323

LOCATION: Elevation 1470.81  
Watershed Beech Run  
Dist. Jefferson County, Nicholas Quad. Ansted

GAS PURCHASER Equitable Gas Company  
ADDRESS 420 Blvd. of the Allies  
Pittsburgh, PA 15219

Gas Purchase Contract No. 4651  
Meter Chart Code 2-48-25-5300991  
Date of Contract 03-23-48

\* \* \* \* \*

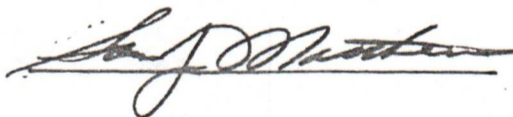
Date surface drilling was begun: 11-15-78

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

NOT AVAILABLE

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.



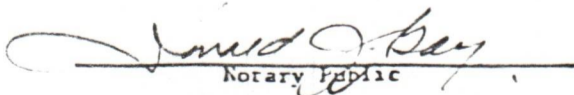
STATE OF WEST VIRGINIA,  
COUNTY OF Kanawha, TO WIT:

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 11 day of July, 19 79, has acknowledged the same before me, in my county aforesaid.

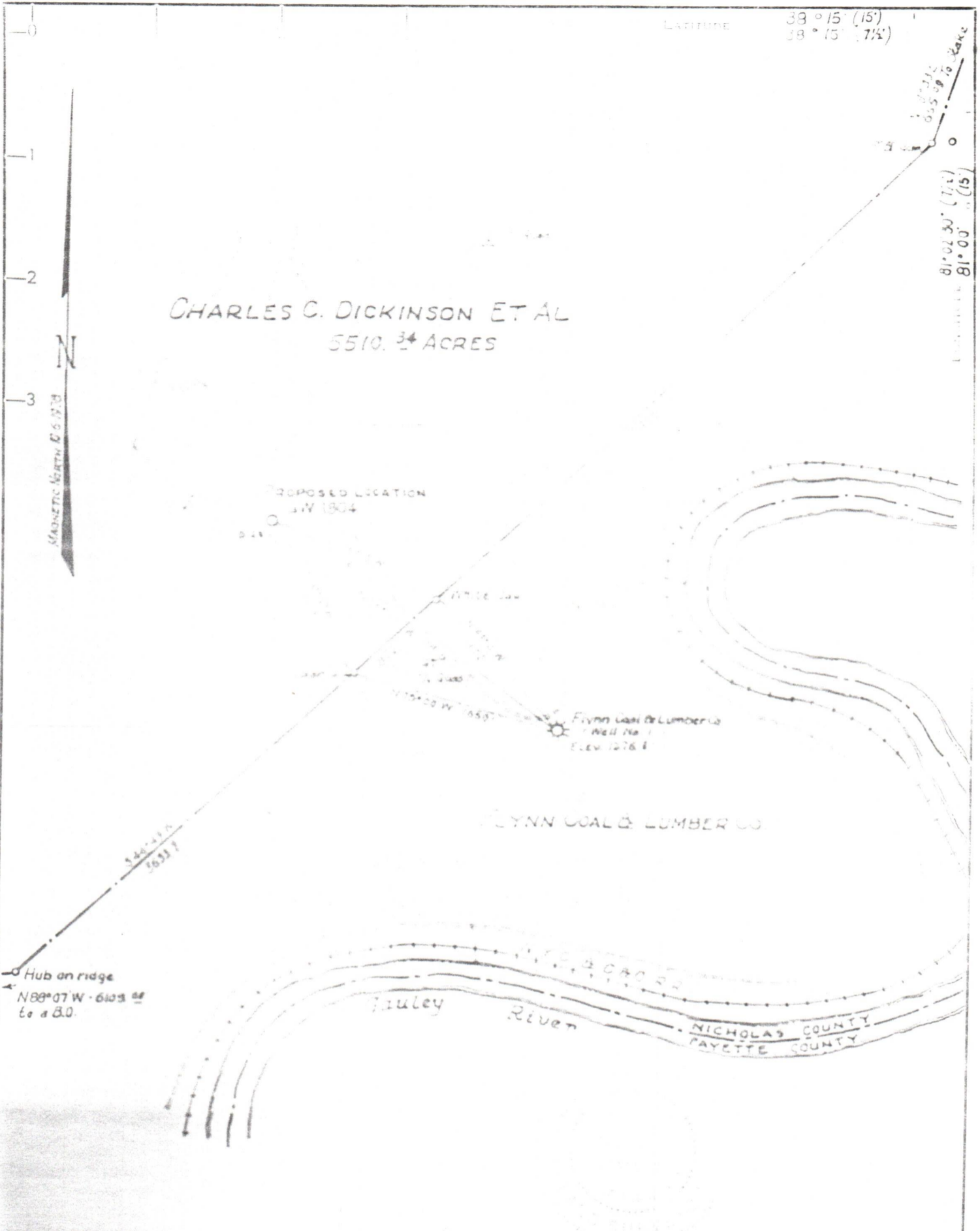
Given under my hand and official seal this 11 day of July, 19 79.

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

[NOTARIAL SEAL]

  
Notary Public

11/17/2023



- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

**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

*William J. Finley* L.L.S. No. 116

COMPANY CITIES SERVICE COMPANY

ADDRESS P.O. Box 873 CHARLESTON, W. VA. 25323

FARM CHARLES C. DICKINSON ET AL

MAP \_\_\_\_\_ ACRES 5510.34 LEASE NO. \_\_\_\_\_

WELL (FARM) NO. B-23 SERIAL NO. GW 1804

ELEVATION (SPIRIT LEVEL) 1470.8'

QUADRANGLE FAYETTEVILLE N.E. (ANSTED, W. VA. - 1:24,000 Cont.)

COUNTY NICHOLAS DISTRICT JEFFERSON

POINT OF PROVEN ELEVATION U.S.G.S. DATUM (Flynn Coal & Lumber Company Well No. 1) See above.

FILE NO. \_\_\_\_\_ DRAWING NO. 15-72

DATE OCT. 6, 1978 SCALE 1" = 1000'

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

11/17/2023

WELL LOCATION MAP

FILE NO. NIC-475

47-067

— DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

— DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

*1940' Big Run*