



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

AUG 7 1973 -CEN

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 August 6, 1973

Surface Owner Kanawha & Hocking Coal & Coke Co. Company Columbia Gas Transmission Corp.
 Address 700 Westgate Tower, Cleveland, O. 44116 Address P.O. Box 1273, Charleston, W.Va. 25325
 Mineral Owner Same as above Farm Sunday Creek Co. Acres 13392
 Address _____ Location (waters) Witchers Creek/Kanawha River
 Coal Owner Same as above Well No. 2499 Elevation 1384.84
 Address _____ District Cabin Creek County Kanawha
 Coal Operator Valley Camp Coal Co. Quadrangle Clendenin
 Address 2971 DuPont Avenue, East
Shrewsbury, West Virginia 25184

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 fracturing. This permit shall expire if operations have not commenced by 12-16-73.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Fred Burdette
Sissonville, WV. PH: 984-9263

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 April 24 1912 by Sunday Creek Coal Co. made to Columbia Gas Transmission Corp. and recorded on the 17th day of June 1912 in Kanawha County, Book 20 Page 311

NEW WELL _____ DRILL DEEPER _____ REDRILL FRACTURE OR STIMULATE _____
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, ~~XXXX~~ 1929

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 6th day August before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, Columbia Gas Transmission Corp.

(Sign Name) [Signature]
Director, ^{Well Operator} Exploration and Development
Post Office Box 1273
Street

Address of Well Operator Charleston
City or Town

West Virginia 25325 **09/08/2023**
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

Prod: KAN-3421-F

**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 _____ NAME W. H. Chapman
 ADDRESS _____ ADDRESS P.O. Box 610, Clendenin, W.Va. 25045
 TELEPHONE _____ TELEPHONE (304) 965-3317
 ESTIMATED DEPTH OF COMPLETED WELL: 2475' ROTARY _____ CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: Weir
 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			
10	647'	647'	
9 - 5/8			
8-1/4	1738'		
6-5/8	2084'	2084'	
5 1/2			
4 1/2			
3			Perf. Top
2	2475'	2475'	Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS -- FEET -- SALT WATER FEET 873'
 APPROXIMATE COAL DEPTHS 43'-48', 199'-203', 335'-338', 465'-470', 598'-600'
 IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Valley Camp Coal Co.

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. 09/08/2023

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

Lease No. 1279

Map Square 12-52

UNITED FUEL GAS COMPANY

WELL LOCATION MADAWHA FIELD

Well No. 2499, Sunday Creek Co. Farm; 13.572 Acres. On Witcher Creek
Cabin Creek Dist. MADAWHA Co. W. VA. State

Scale 1" = 1320'

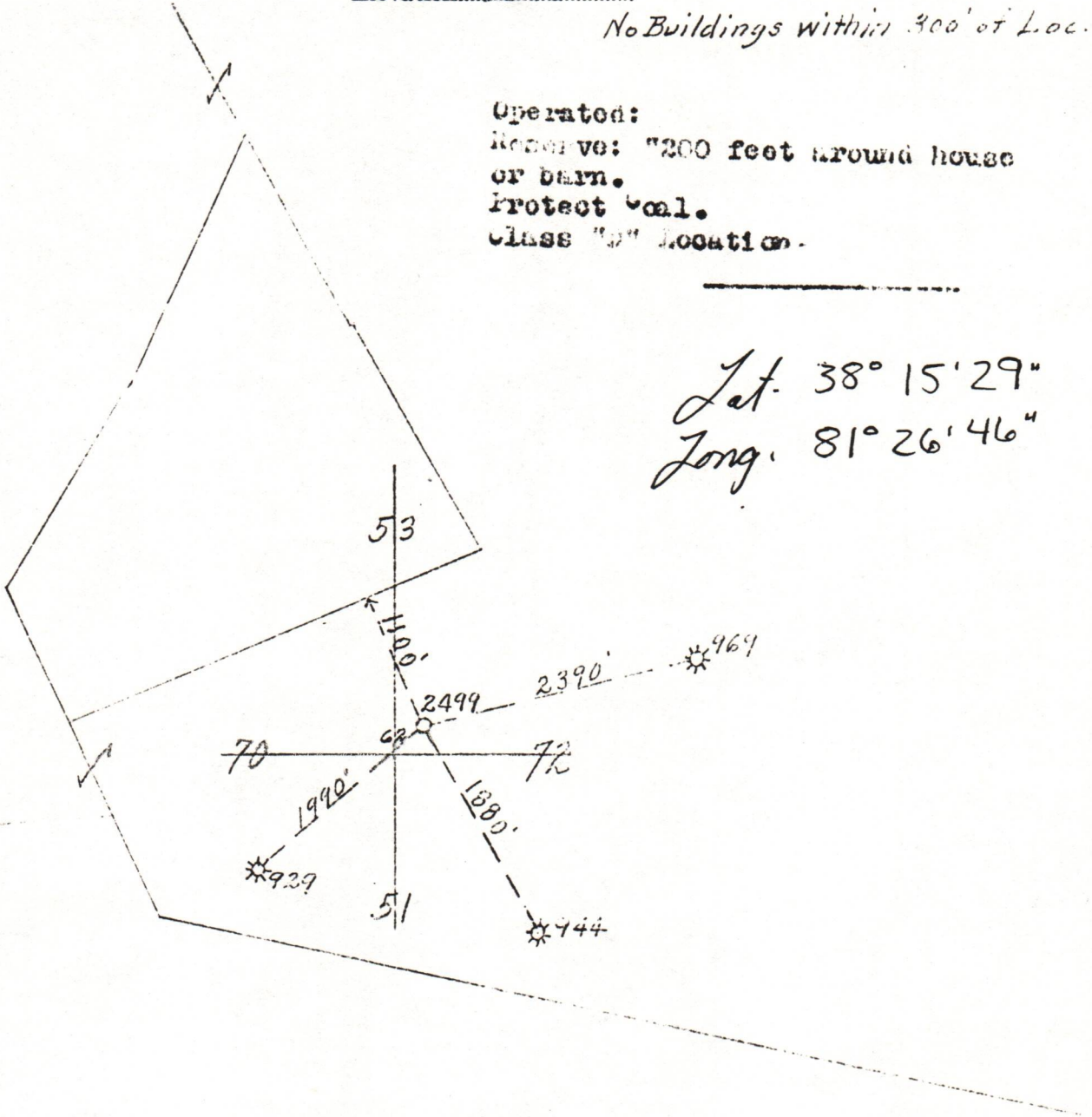
Location made by M. S. Wehrle Date Nov 9, 1928

Elevation 1336'

No Buildings within 300' of Loc.

Operated:
Reserve: "200 feet around house
or barn.
Protect coal.
Class "D" location.

Lat. 38° 15' 29"
Long. 81° 26' 46"



Book 232
Page 42

ENTERED
A. M. U.
NOV 28 1928

09/08/2023

Approved: Nov 15, 1928 G. A. Cunningham, Engineer
Approved: _____, 192____, _____, Vice President



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25311

June 8, 1979

WALTER N. MILLER
DIRECTOR

ROBERT L. DODD - P. E.
Administrator

Columbia Gas Transmission Corporation
P.O. Box 1273
Charleston, W.Va. 25325
Attn: John R. Henning

Gentlemen:

Please be advised that we have made the following changes in our drilling files. In all future correspondence regarding the permit (s) listed below, please use the new assigned number:

<u>ORIGINAL NUMBER</u>	<u>NEW NUMBER</u>	<u>FARM NAME</u>	<u>WELL NO:</u>	<u>DISTRICT</u>
KAN-1-FRAC.	KAN-3166	L.T. Perry	1-1458	Malden
KAN-2-FRAC.	KAN-3161	Josephine D. Taylor	6-3736	Malden
KAN-3-FRAC.	KAN-3415	Kan. & Hocking Coal	73-3932	Cabin Creek
KAN-6-FRAC.	KAN-3417	Columbia Gas Fee	661	Elk
KAN-9-FRAC.	KAN-3419	Nellie B. Tompkins	1430	Cabin Creek
KAN-11-FRAC.	KAN-3421	Sunday Creek Co.	2499	Cabin Creek
KAN-12-FRAC.	KAN-3422	J.C. Ross, etux	401	Elk
KAN-13-FRAC.	KAN-3159	Joseph D. Taylor	4-3708	Malden
KAN-14-FRAC.	KAN-3423	J.M. Staunton	1255	Elk
KAN-15-FRAC.	KAN-3424	Anna Ort, etal.	1921	Elk
KAN-27-FRAC.	KAN-3435	Nancy E. Myers	1175	Elk
KAN-28-FRAC.	KAN-3436	J.M. Staunton	1-1248	Elk
KAN-29-FRAC.	KAN-3437	G.W. Belcher	3332	Elk

These changes have been made due to the department changing to computer. If you have any questions, please feel free to write or call.

Very truly yours,

Robert L. Dodd, Administrator
Office of Oil and Gas

RLD/chm

09/08/2023

cc: Mr. T. Huzzey - Mr. David Gillespie - District Inspector - File

UNITED FUEL GAS COMPANY
(INCORPORATED)

9/17/29

Serial Well No. 2499

Lease No. 9279

Map Square 72-53

PARAGON PRINT 2M 6-26 60158

RECORD OF WELL No. 2499 on the
Sunday Creek C & L Co. of 13392 Acres
in Cabin Creek District
Kanawha County
Kanawha Field, State of W.Va.

Rig Commenced 2-20-29 192
Rig Completed 2-28-29 192
Drilling Commenced 3-12-29 192
Drilling Completed 6-24-29 192
Drilling to cost per foot
Contractor is: United Fuel Drilling Dept.
Address: Charleston W.Va.

Driller's Names E. J. Berga
C. J. Green

CASING AND TUBING		
Size	Used in Drilling	Left in Well
16		
13		
10	647'	647'
8 1/4	1738'	
6 5/8	2084'	2084'
5 3/16		
4 7/8		
4		
3		
2		2484'

SHUT IN	
Date 6-22-29	
6 5/8" Tubing or Casing	
Size of Packer	
Kind of Packer	
1st Perf. Set	from
2nd Perf. Set	from

TEST BEFORE SHOT
70 of Water in 2 inch
10ths of Merc. in inch
10ths
Volume Cu. ft.
TEST AFTER SHOT
of Water in inch
10ths
of Merc. in inch
10ths
Volume Cu. ft.
Rock pressure
Date shot 6-27-29
Size of Torpedo 50 qts
Oil Flowed bbls. 1st 24 hrs.
Oil Pumped bbls. 1st 24 hrs.
Well abandoned and
Plugged 19

E. J. DPT.
DRILLER'S RECORD

Formation	Top	Bottom	Thickness
Sand	0	43	43
Coal	43	48	5
Sand	48	140	92
Slate	140	146	6
Sand	146	175	29
Slate & Shells	175	192	17
Sand	192	199	7
Coal	199	203	4
Sand	203	212	9
Slate & Shells	212	298	86
Sand	298	320	22
Lime Shells	320	335	15
Coal	335	338	3
Slate & Shells	338	370	32
Sand	370	381	11
Slate	381	385	4
Sand	385	410	25
Slate	410	422	12
Sandy Lime	422	465	43
Coal	465	470	5
Slate & Shells	470	480	10
Coal	480	487	7
Slate	487	495	8
Fire Clay	495	511	16
Slate & Shells	511	598	87
Coal	598	600	2

*This is an oil well
Estimated at 2
will have to
be*

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OIL & GAS DIVISION
DEPT. OF MINES

09/08/2023

[Signature]
DPT



UNITED FUEL GAS COMPANY
(INCORPORATED)

Serial Well No. 2499 sheet #2 Lease No.

Map Square.....

PARAGON PRINT. 2M 6-26 60158

<p align="center">RECORD OF WELL No. 2499 on the</p> <p align="center">Farm of Acres</p> <p>in District</p> <p align="center">County</p> <p align="center">Field, State of</p> <hr/> <p>Rig Commenced 192</p> <p>Rig Completed 192</p> <p>Drilling Commenced 192</p> <p>Drilling Completed 192</p> <p>Drilling to cost per foot</p> <p>Contractor is:</p> <p>Address:</p> <p>Driller's Names</p>	<p align="center">CASING AND TUBING</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Size</th> <th>Used in Drilling</th> <th>Left in Well</th> </tr> <tr><td>16</td><td></td><td></td></tr> <tr><td>13</td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td></tr> <tr><td>8 1/4</td><td></td><td></td></tr> <tr><td>6 5/8</td><td></td><td></td></tr> <tr><td>5 3/16</td><td></td><td></td></tr> <tr><td>4 7/8</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> </table>	Size	Used in Drilling	Left in Well	16			13			10			8 1/4			6 5/8			5 3/16			4 7/8			4			3			2			<p align="center">TEST BEFORE SHOT</p> <p>..... of Water in in</p> <p>10ths</p> <p>..... of Merc. in in</p> <p>10ths</p> <p>Volume..... Cu.</p> <hr/> <p align="center">TEST AFTER SHOT</p> <p>..... of Water in in</p> <p>10ths</p> <p>..... of Merc. in in</p> <p>10ths</p> <p>Volume..... Cu.</p> <p>Rock pressure.....</p> <p>Date shot.....</p> <p>Size of Torpedo.....</p> <p>Oil Flowed..... bbls. 1st 24 hr</p> <p>Oil Pumped..... bbls. 1st 24 hr</p> <p>Well abandoned and</p> <p>Plugged..... 19.....</p>
Size	Used in Drilling	Left in Well																																	
16																																			
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5 3/16																																			
4 7/8																																			
4																																			
3																																			
2																																			
<p>SHUT IN</p> <p>Date.....</p> <p>Tubing or Casing</p> <p>Size of Packer.....</p> <p>Kind of Packer.....</p> <p>1st Perf. Set..... from.....</p> <p>2nd Perf. Set..... from.....</p>																																			

DRILLER'S RECORD continued

Formation	Top	Bottom	Thickness	Remarks
Slate & Shells	600	622	22	
Sand	622	638	16	
Slate & Shells	638	805	167	10" Casing on reamed collar set at 64'
Sand	805	823	18	
Slate & Shells	823	830	7	
Lime	830	865	35	
Slate	865	873	8	
Lime	873	880	7	1-bailer water at v 873
Sand	880	912	32	
Slate & Shells	912	970	58	
Sandy Lime	970	985	15	
Grampus	985	1000	15	
Slate	1000	1037	37	
Sand	1037	1077	40	Gas show no test 1057'
Slate & Shells	1077	1115	38	
Lime	1115	1165	50	
Slate	1165	1170	5	
Sand	1170	1235	65	
Slate	1235	1240	5	
Salt Sand	1240	1317	77	
Slate	1317	1355	38	
Sandy Lime	1355	1360	5	
Slate	1360	1365	5	
Sand	1365	1425	60	
Slate	1425	1436	11	
Sand	1436	1568	132	

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DEPT. OF MINES

09/08/2023

Price



UNITED FUEL GAS COMPANY
(INCORPORATED)

Serial Well No. 2499 sheet #3

Lease No.

Map Square.....

PARAGON PRINT. 2M 6-26 60158

RECORD OF WELL No. 2499 on the
Farm of _____ Acres
in _____ District
County _____
Field, State of _____

CASING AND TUBING		
Size	Used in Drilling	Left in Well
16		
13		
10		
8 1/4		
6 5/8		
5 3/16		
4 7/8		
4		
3		
2		
SHUT IN		
Date.....		
	Tubing or Casing	
Size of Packer.....		
Kind of Packer.....		
1st Perf. Set.....	from.....	
2nd Perf. Set.....	from.....	

TEST BEFORE SHOT

.....of Water in.....inch
10ths
.....of Merc. in.....inch
10ths
Volume.....Cu. ft.

TEST AFTER SHOT

.....of Water in.....inch
10ths
.....of Merc. in.....inch
10ths
Volume.....Cu. ft.

Rock pressure.....

Date shot.....

Size of Torpedo.....

Oil Flowed.....bbls. 1st 24 hrs.

Oil Pumped.....bbls. 1st 24 hrs.

Well abandoned and
Plugged.....19.....

Rig Commenced 192
Rig Completed 192
Drilling Commenced 192
Drilling Completed 192
Drilling to cost _____ per foot
Contractor is:
Address:
Driller's Names

DRILLER'S RECORD continued

Formation	Top	Bottom	Thickness
Slate	1568	1571	3
Sand	1571	1605	34
Slate	1605	1610	5
Sand	1610	1622	12
Slate	1622	1626	4
Lime	1626	1645	19
Slate	1645	1665	20
Red Rock	1665	1671	6
Lime	1671	1685	14
Red Rock	1685	1710	25
Sandy Lime	1710	1725	15
Red Rock	1725	1734	9
Sand	1734	1741	7
Red Rock	1741	1759	18
Maxon Sand	1759	1900	141
Slate	1900	1905	5
Lime	1905	1915	10
Sand	1915	1925	10
Slate	1925	1929	4
Lime	1929	1940	11
Slate	1940	1942	2
Lime	1942	1977	35
Slate	1977	1979	2
Little Lime	1979	2004	25
Pencil Cave	2004	2013	9
Big Lime	2013	2166	153

Oil show no test at 1590'

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OIL & GAS DIVISION
DEPT. OF MINES

[Signature]
09/08/2023

Gas show no test 2062

UNITED FUEL GAS COMPANY
(INCORPORATED)

Serial Well No. 2499 sheet #4

Lease No.

Map Square

PARAGON PRINT. 2M 6-26 60158

<p>RECORD OF WELL No. 2499 on the Farm of _____ Acres in _____ District County _____ Field, State of _____</p> <p>Rig Commenced _____ 192 Rig Completed _____ 192 Drilling Commenced _____ 192 Drilling Completed _____ 192 Drilling to cost _____ per foot Contractor is: _____ Address: _____ Driller's Names _____</p>	<p align="center">CASING AND TUBING</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Size</th> <th style="width:20%;">Used in Drilling</th> <th style="width:20%;">Left in Well</th> </tr> <tr><td>16</td><td></td><td></td></tr> <tr><td>13</td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td></tr> <tr><td>8 1/4</td><td></td><td></td></tr> <tr><td>6 5/8</td><td></td><td></td></tr> <tr><td>5 3/16</td><td></td><td></td></tr> <tr><td>4 7/8</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> </table> <p align="center">SHUT IN</p> <p>Date _____</p> <p>Tubing or Casing _____</p> <p>Size of Packer _____</p> <p>Kind of Packer _____</p> <p>1st Perf. Set _____ from _____</p> <p>2nd Perf. Set _____ from _____</p>	Size	Used in Drilling	Left in Well	16			13			10			8 1/4			6 5/8			5 3/16			4 7/8			4			3			2			<p align="center">TEST BEFORE SHOT</p> <p>_____ of Water in _____ inch 10ths _____ of Merc. in _____ inch 10ths _____ Volume _____ Cu. ft.</p> <p align="center">TEST AFTER SHOT</p> <p>_____ of Water in _____ inch 10ths _____ of Merc. in _____ inch 10ths _____ Volume _____ Cu. ft.</p> <p>Rock pressure _____</p> <p>Date shot _____</p> <p>Size of Torpedo _____</p> <p>Oil Flowed _____ bbls. 1st 24 hrs. Oil Pumped _____ bbls. 1st 24 hrs.</p> <p>Well abandoned and Plugged _____ 19 _____</p>
Size	Used in Drilling	Left in Well																																	
16																																			
13																																			
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8 1/4																																			
6 5/8																																			
5 3/16																																			
4 7/8																																			
4																																			
3																																			
2																																			

DRILLER'S RECORD continued

Formation	Top	Bottom	Thickness	Remarks
6 5/8" casing set at		2053	Steel line measure on B.H.Packer	
Hole reduced at		2128	" " "	
Big Injun	2166	2205	39	
Slate	2205	2208	3	
Sand	2208	2213	5	
Sand & Shells	2213	2243	30	
Wier Sand	2243	2468	225	Oil est 2 Bbl. 2454-to 2465
Gas	2277	2294		4/10 water in 2" - 95M
"	2302	2305		70/10 " " 2" - 40217
Slate	2468	2475	7	
Total Depth		2475		Steel line measure.

Price

09/08/2023
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OIL & GAS DIVISION
DEPT. OF MINES

72-53

627 1929

Mr. H.A. Wallace

Well No. 2499 (Serial No. 2499) on Sunday Farm

Was shot this date with 30 quarts

Number of Shells 1

Length of Shells 4 1/4 x 10 1/2"

Top of Shot 2454'

Bottom of Shot 2465'

Top of Sand 2243' (Name of Sand)

Bottom of Sand 2468' (Name of Sand)

Total Depth of Well 2475'

Results: Well flowed nearly 160' of fluid. Sand increased in gas.

Remarks: Gas test before shot 60/10 water 2' last 24 hours after shot.

Signed W.H. Quinn District Supt.

NOTE—When a well is shot this form must be filled out and sent to the General Superintendent.

May 2, 1984

Date

RECEIVED
MAY 10 1984

OIL & GAS DIVISION
DEPT. OF MINES

In Re: Complete Information
requested below:

FRACTURE RECORD

Well Name and No: Sunday Creek Co. #2499

District: Cabin Creek

County: Kanawha

Permit No: 039-3421-FRAC
(Previously 039-0009-Frac)

Completion Date: 10/18/73

Formation Fractured:

Material:

Top 2307'

450 Bbls. Fluid - 500 Gal Acid

Bottom 2361'

30,000 # Sand

Rock Pressure:

Test after Fracture:

Before Fracture _____

Oil _____

After Fracture 50 #

Gas 189 Mcf

J. Burdette
Signature

5-9-84
Date

COMPANY Columbia Gas Transmission

P. O. Box 1273

Charleston, West Virginia 25325

RETURN TO: Dept. Mines-Office of Oil & Gas
1615 Washington Street, East
Charleston, W.Va. 25311-2192

09/08/2023

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MAY 13 1901

OIL & GAS DIVISION

DEPT. OF MINES

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

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OCT 16 1973

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. KAN-11-FRAC

Oil or Gas Well Gas
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Columbia Gas Transmission Corp.</u>	Size			
Address	<u>P.O. Box 1273, Charleston, W. Va</u>	16			Kind of Packer
Farm	<u>Sunday Creek Company</u>	13			
Well No.	<u>2499</u>	10	<u>647</u>		Size of
District	<u>Cabin Creek</u> County <u>Kanawha</u>	8 1/4 <u>6 5/8</u>	<u>2084</u>		Depth set
Drilling commenced		6 5/8			
Drilling completed	Total depth	5 3/16			
Date shot	Depth of shot	3	<u>2446</u>		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 _____ SIZE _____ No. FT. _____ Date _____			
Oil	bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water	feet feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water	feet feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

Notified Water Resources of this well being drilled.

10/11/73

DATE

Fred Burdette

DISTRICT INSPECTOR
09/08/2023



RECEIVED
JUL 20 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
May 17, 1984

COMPANY Columbia Gas Transmission Corp.

PERMIT NO 039-3421-FRAC 8/73

P. O. Box 1273

FARM & WELL NO Sunday Creek Co. #2499

Charleston, West Virginia 25325

DIST. & COUNTY Cabin Creek/Kanawha

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 Lod Dillon

DATE 7/3/84

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

July 23, 1984

DATE

09/08/2023

<p>1.0 API well number (If not assigned, leave blank 14 digits)</p>	<p style="font-size: 1.2em;">- 47 - 039 - 03421</p>			
<p>2.0 Type of determination being sought (Use the codes found on the front of this form)</p>	<p style="font-size: 1.2em;">108</p>	<p style="font-size: 1.2em;">—</p>		
	Section of NGPA	Category Code		
<p>3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above)</p>	<p style="font-size: 1.2em;">N/A</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>Columbia Gas Transmission Corporation</p>			<p style="font-size: 1.2em;">004030</p>
	Name			Seller Code
	<p>P. O. Box 1273</p>			
	Street			
	<p>Charleston</p>	WV	<p>25325</p>	
	City	State	Zip Code	
<p>5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)</p>	<p style="font-size: 1.2em;">WVa field Area A</p>			
	Field Name			
	<p>Kanawha</p>			<p style="font-size: 1.2em;">WVA</p>
	County			State
<p>(b) For OCS wells</p>	<p style="font-size: 1.2em;">N/A</p>			
	Area Name		Block Number	
	<p style="font-size: 0.8em;">Date of Lease</p>			
	Mo	Day	Yr.	OCS Lease Number
<p>(c) Name and identification number of this well (35 letters and digits maximum.)</p>	<p style="font-size: 1.2em;">Sunday Creek Coal Co 802499</p>			
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)</p>	<p style="font-size: 1.2em;">N/A</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 style="font-size: 1.2em;">*</p>			<p style="font-size: 1.2em;">004030</p>
	Name			Buyer Code
<p>(b) Date of the contract</p>	<p style="font-size: 0.8em;">Mo Day Yr. *</p>			
<p>(c) Estimated total annual production from the well</p>	<p style="font-size: 1.2em;">8 Million Cubic Feet</p>			
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]
<p>7.0 Contract price (As of filing date. Complete to 3 decimal places.)</p>	\$/MMBTU	<p style="font-size: 1.2em;">---</p>	<p style="font-size: 1.2em;">---</p>	<p style="font-size: 1.2em;">---</p>
<p>8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)</p>	\$/MMBTU	<p style="font-size: 1.2em;">3.281</p>	<p style="font-size: 1.2em;">---</p>	<p style="font-size: 1.2em;">---</p>
<p>9.0 Person responsible for this application</p>	<p>Albert H. Mathena, Jr., Director, Production Eng.</p>			
Agency Use Only	Name			Title
Date Received by Juris. Agency	Signature			
Date Received by FERC	Date Application is Completed			Phone Number
<p style="font-size: 1.5em; font-weight: bold;">MAY 11 1982</p>	<p>Albert H. Mathena</p>			<p>(304) 346-0951</p>
	<p>4-22-82</p>			

*This is a pipeline production well. No contract exists and no sales are made.

09/08/2023

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

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

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

S881 I I YAM

NOV 22 1982-

PARTICIPANTS:

DATE: _____

BUYER-SELLER CODE

WELL OPERATOR: Columbia Gas Trans. Corp.

004030

FIRST PURCHASER: *

*

OTHER: _____

QUALIFIED

W. Va. Department of Mines, Oil & Gas Division

WELL DETERMINATION FILE NUMBER

820511-108.039-3421

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. 7.0 All, 8.0 b,c,d
- 2. IV-1 Agent James L. Weekley
- 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 41 Months ~~years~~
- 8. IV-40 90 day Production 91 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: 3-12-29 Date completed 6-24-29 Deepened
- (5) Production Depth: 2062
- (5) Production Formation: Big Lime
- (5) Final Open Flow: 400 MCF
- (5) After Frac. R. P. NA
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: ^{Compressor down 4108} $\frac{286}{1487} = 14.4$ MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 91 = 16.3 MCF
- (8) Line Pressure: NA PSIG from Daily Rep
- (5) Oil Production: YES From Completion Report 1590 -
- 10-17. Does lease inventory indicate enhanced recovery being done NO
- 10-17. Is affidavit signed? Notarized?

09/08/2023

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

Additional information _____ Does computer program confirm? _____

Was Determination Objected to _____ By Whom? _____

Date 4-22, 1982

Operator's Well No. 802499

API Well No. 47 - 039 - 03421
State County Permit

Previous File No. _____
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Columbia Gas Trans. Corp.
ADDRESS P. O. Box 1273
Charleston, W. Va. 25325

DESIGNATED AGENT James L. Weekley
ADDRESS P. O. Box 1273
Charleston, W. Va. 25325

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

Meter Chart Code 800315

Name of First Purchaser NA*

(Street or P. O. Box)

(City) (State) (Zip Code)

FERC Seller Code NA* FERC Buyer Code NA*

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 108 Section of NGPA Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Production Engineering

*This well is a pipeline production and no gas purchase contract exists.

Albert H. Mathena, Jr., Director- Title
Name (Print)
Albert H. Mathena, Jr. Signature
P. O. Box 1273 Street or P. O. Box
Charleston, W. Va. 25325 City State (Zip Code)
(304) 346-0951 Area Phone Number
Code

(Certificate of Proof of Service to Purchaser)

A copy of this filing is being retained by Columbia Gas Transmission Corporation, owner and operator of the identified well.

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request, for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1978 (NGPA); 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 109 of (NGPA).

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

This Application is assigned File No. _____

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

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

WEST VIRGINIA DEPARTMENT OF MINES

.....
MAY 11 1982
Date received by
Jurisdictional Agency

[Signature]
By _____
Title _____
09/08/2023

REPORT DATE 02/23/82
 REPORT TIME 16:51:55

COLUMBIA GAS TRANSMISSION CORPORATION
 N.G.P.A. SECTION 108
 APPLICATION FOR WELL CLASSIFICATION

PAGE 9
 API WELL NO. 47-039-03421

WELL NUMBER : 802499 FARM NAME: SUNDAY CREEK COAL CO
 MEASURING STATION: 800315 LEASE : WV 9279
 STATE : WV

DATE MM/YY	THREE MONTH MCF/DAY	VOLUME -100- PERCENT	DAYS ON LINE	MCF/DAY -100- PERCENT	LINE PRSS PSIA	WELL COUNT
11/79		768	29	26.5	22	1.000
12/79		489	29	16.9	21	1.000
1/80	17.9	387	34	11.4	21	1.000
2/80	16.6	634	28	22.6	22	1.000
3/80	15.4	380	29	13.1	22	1.000
4/80	15.8	359	30	12.0	22	1.000
5/80	15.2	597	29	20.6	22	1.000
6/80	14.5	322	29	11.1	27	1.000
7/80	14.5	400	33	12.1	26	1.000
8/80	14.3	320	11	29.1	26	1.000
9/80	14.8	416	33	12.6	27	1.000
10/80	16.3	211	14	15.1	23	1.000
11/80	15.2	543	30	18.1	24	1.000
12/80	15.3	426	33	12.9	24	1.000
1/81	16.6	539	28	19.3	25	1.000
2/81	12.9	222	31	7.2	24	1.000
3/81	12.7	344	28	12.3	25	1.000
4/81	13.0	346	11	31.5	25	1.000
5/81	15.7	393	30	13.1	23	1.000
6/81	14.8	370	34	10.9	24	1.000
7/81	11.2	200	22	9.1	21	1.000
8/81	10.2	0	0	0.0	21	1.000
9/81	9.4	92	9	10.2	24	1.000
10/81	18.4	572	27	21.2	22	1.000
11/81	15.6	382	31	19.3	22	1.000
12/81	13.3	222	31	8.6	21	1.000

Compressor Down

REPORT DATE 04/14/82
 REPORT TIME 16:08:04

COLUMBIA GAS TRANSMISSION CORPORATION
 N.G.P.A. SECTION 108
 APPLICATION FOR WELL CLASSIFICATION

API WELL NO. 47-039-03421

09/08/2023

WELL NUMBER : 802499 FARM NAME: SUNDAY CREEK COAL CO
 MEASURING STATION: 800315 LEASE : WV 9279
 STATE : WV

DATE MM/YY	THREE MONTH MCF/DAY	VOLUME -100- PERCENT	DAYS ON LINE	MCF/DAY -100- PERCENT	LINE PRSS PSIA	WELL COUNT
11/81		382	31	12.3	22	1.000
12/81		266	31	8.6	21	1.000
1/82	13.9	630	30	21.0	21	1.000
2/82	14.0	418	33	12.7	20	1.000
3/82	16.3	439	28	15.7	21	1.000

REPORT DATE 02/24/82
 REPORT TIME 17:22:45

COLUMBIA GAS TRANSMISSION CORPORATION
 N.G.P.A. SECTION 108
 APPLICATION FOR WELL CLASSIFICATION

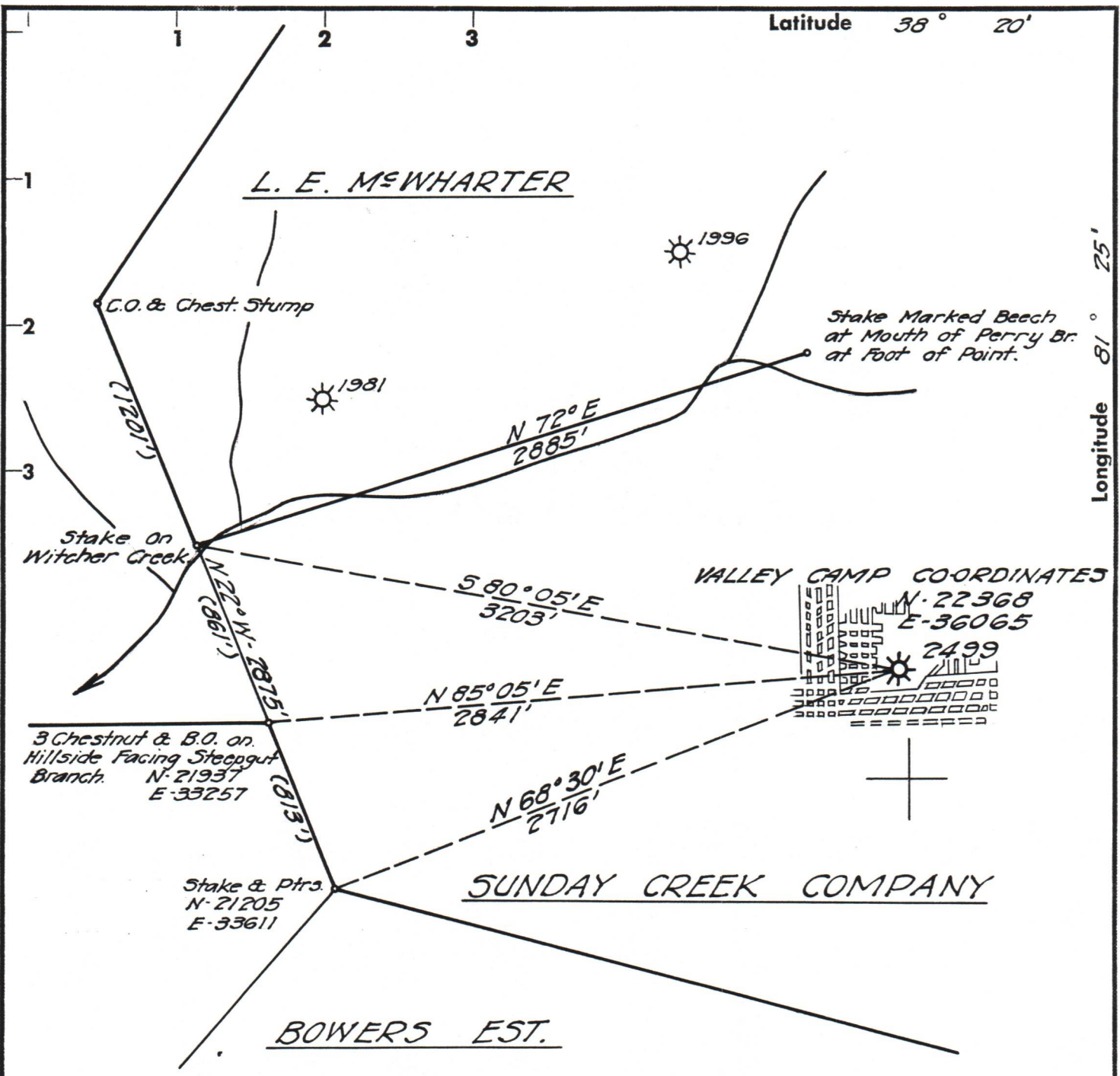
API WELL NO. 47-039-0342

PAGE 103

WELL NUMBER : 802499 FARM NAME: SUNDAY CREEK COAL CO
 MEASURING STATION: 800315 LEASE : 9279
 STATE : WV

DATE MM/YY	THREE MONTH MCF/DAY	VOLUME -100- PERCENT	DAYS ON LINE	MCF/DAY -100- PERCENT	LINE PRSS PSIA	WELL COUNT
10/78		328	25	13.1	23	1.000
11/78		591	33	17.9	23	1.000
12/78	16.6	559	31	18.0	26	1.000
1/79	16.7	441	31	14.2	25	1.000
2/79	14.7	341	29	11.8	24	1.000
3/79	13.7	436	29	15.0	22	1.000
4/79	13.5	407	30	13.6	24	1.000
5/79	15.1	520	31	16.8	22	1.000
6/79	12.6	205	29	7.1	24	1.000
7/79	12.1	0	0	0.0	0	1.000
8/79	16.8	534	15	35.6	31	1.000
9/79	22.9	497	30	16.6	29	1.000
10/79	17.8	354	33	10.7	22	1.000
11/79	17.6	768	29	26.5	22	1.000
12/79	17.7	489	29	16.9	21	1.000

097082023



NOTE:
 CEDAR GROVE SEAM, SHOWN ABOVE, IS MINED OUT. ELEV 735'
 NO. 2 GAS SEAM MAY BE WORKED SOME FUTURE DATE.

- BENCH MARK -
 NAIL IN BASE LEANING SYC. ON BANK OF CRK. MOUTH OF STEEPGUT HOLLOW. - U.E. 808.70'

Fracture Before 6/5/29	<input checked="" type="checkbox"/>	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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia. The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.
New Location	<input type="checkbox"/>	
Drill Deeper	<input type="checkbox"/>	
Redrill	<input type="checkbox"/>	
Abandonment	<input type="checkbox"/>	

Company COLUMBIA GAS TRANSMISSION CORP.
 Address CHARLESTON, W.VA.
 Farm SUNDAY CREEK COMPANY
 Tract _____ Acres 13392 Lease No. 9279
 Well (Farm) No. _____ Serial No. 2499
 Elevation (Spirit Level) 1384.84'
 Quadrangle GLENDENIN
 County KANAWHA District CABIN CREEK
 Engineer _____
 Engineer's Registration No. 2330
 File No. 72-53 Drawing No. _____
 Date 4-19-73 Scale 1" = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
47-039-3421
 WELL LOCATION MAP
 FILE NO. KAN-11-3100
~~47-039~~ **09/08/2023**
 + 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.