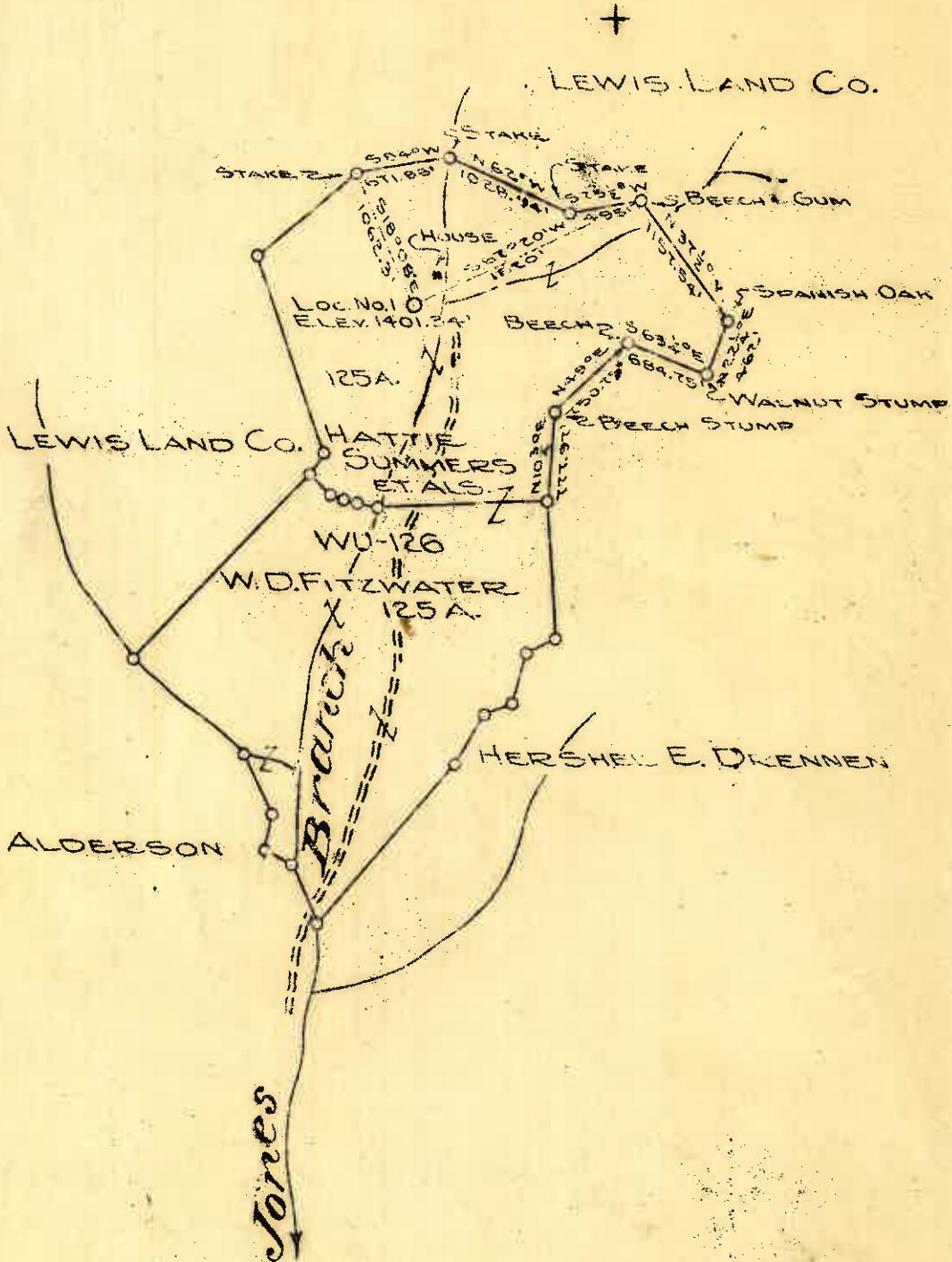


1.895
2.80W



New Location NOTE: THIS IS A REVISION
 Drill Desper FOR PLAT DATED 5-23-49.
 Abandonment

SCALE: 1" = 1320'

Company **COLUMBIAN CARBON**
 Address **BOX 873, CHARLESTON, W.VA**
 Farm **HATTIE SUMMERS ET. ALS**
 Tract _____ Acres **250** Lease No. **WU-126**
 Well (Farm) No. **1** Serial No. **GW-1129**
 Elevation (Spirit Level) **1401.34'**
 Quadrangle **SUMMERSVILLE 9** S-192 W-282
 County **NICHOLAS** District **GRANT**
 Engineer _____
 Engineer's Registration No. **2074**
 File No. _____ Drawing No. **W-13-49**
 Date **6-2-49** Scale: **1" = 1320'**

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

WELL LOCATION MAP

FILE NO. **NIC-104-R**

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Nic 104 R
Summersville Quad.

Gas Well
CASING & TUBING

Company	Columbian Carbon Company			
Address	Box 873, Charleston 23, W.Va.	14" 36#	29'2	29'2
Farm	Hattie Summers et al A 250	10 3/4" 40#	525'4	525'4
Location	Jones Branch	24# 8 1/2"	1207'10	1207'10
Well No.	1 GW 1129 Elev. 1401.34'G	7" 23#	1610'9	1610'9
District	Grant Nicholas County	3 1/2" 7.7#	1867'1	1867'1
Surface	Hattie Summers et al, Lockwood, W.Va.	with 3" cage		
Mineral	Hattie Summers et al (For further addresses contact C.C.Co.)	Oilwell Hookwell Packer Size 3 x 7" Depth 1605'		
Commenced	6-9-49			
Completed	7-25-49	No coal		
Not shot				
Acidized	7-29-49 with 1000 gal. of acid			
Open flow	34/10ths M in 3"			
Volume	2,041,000 C.F.			
Rock Pressure	440 #; 410# 24 hrs.			
Fresh Water	32° H.F.; 90° H.F.			
Salt Water	1145' Small show			

Surface Clay	0	15
Gravel	15	25
Sand	25	35
Slate	35	72
Sand	72	95
Slate	95	156
Sand	156	200
Slate & Shells	200	228
Lime	228	265
Sand	265	312
Slate	312	341
Gritty Lime	341	360
Sand	360	384
Slate	384	414
Lime	414	469
Sand	469	505
Lime	505	525
Slate	525	543
Lime	543	568
Slate	568	598
Lime	598	618
Slate & Shells	618	1139
Sand	1139	1191
Red Rock	1191	1200
Lime	1200	1206
Red Rock	1206	1445
Lime	1445	1458
Slate	1458	1510
Lime	1510	1594
Slate Pencil Cave	1594	1597
Lime Dark H	1597	1619
Big Lime	1619	1852
Big Injun Sand	1852	1859
		1855
Total depth		1859

CEMENT RECORD:

6-25-49 10 3/4" casing not aquagelled
7-8-49 8 5/8" casing not aquagelled
7-16-49 7" casing not aquagelled
Columbian Carbon Company Crew

Gas Pays:

1547-51 8/10 W 2" 119 M
1614- 11/10 W " 140 M
1668-72 63/10 W 3" 753 M
1673-76 69/10 W 3" 788 M
1681-87 91/10 W 3" 905 M

Nic
104

HATTIE SUMMERS ET AL. NO. 1 (GW-1129) WELL.

Grant District, Nicholas County, W. Va.

By Columbian Carbon Co., Box 873, Charleston, 23, W. Va.

Drilled under permit Nic-104-R; Summersville Quadrangle.

On 250 acres, on Jones Branch.

Elevation, 1401.34' L. (ground).

Surface and minerals owned by Hattie Summers et al., Lockwood, W. Va.

(For further addresses, contact Columbian Carbon Co.)

Drilling commenced June 9, 1949; completed July 25, 1949.

Well was not shot.

Acidized July 29, 1949, with 1000 gallons of acid.

Open flow, 3 1/10ths Merc. in 3".

Volume, 2,041,000 cu. ft.

Rock pressure, 4100; 4200, 24 hrs.

Fresh water, 32', hole full; 90', hole full.

1 1/2" 36# casing, 29' 2"; 10 3/4" 40#, 525' 4"; 8 1/2" 24#, 1207' 10";

7" 23#, 1610' 9"; 3 1/2" 7.7# tubing, 1867' 1", with 3" cage; all left in.

Oil Well Hookwell packer, 3 x 7, set at 1605'.

No coal was encountered.

Cement record: 6-25-49. 10 3/4" casing. Not Aquagalled.

7-3-49. 8 1/2" casing. Not Aquagalled. 7-16-49. 7" casing. Not

Aquagalled. Columbian Carbon Co. crew.

Gas pays: 1947-51', 8/10 W. 2", 119 H.; 1614', 11/10 W. 2", 140 H.;

1668-72', 69/10 W. 3", 753 H.; 1673-76', 69/10 W. 3", 788 H.;

1681-87', 91/10 W. 3", 905 H.

Gas well. Record from Smith Nov. 21, 1949.

	Top.	Bottom.
Surface clay	0	15
Gravel	15	25
Sand	25	35
Slate	35	72
Sand	72	95
Slate	95	156
Sand	156	200
Slate and shells	200	228
lime	228	265
Sand	265	312
Slate	312	341
Gritty lime	341	360
Sand	360	384
Slate	384	414
lime	414	469
Sand	469	505
lime	505	525
Slate	525	543
lime	543	568
Slate	568	598
lime	598	618
Slate and shells	618	1139
Sand	1139	1191
Red rock	1191	1200
lime	1200	1206
Red rock	1206	1445
lime	1445	1458
Slate	1458	1510
lime	1510	1594

(over)

HATTIE SUMMERS ET AL. NO. 1 (GM-1129) WELL (Continued).

	Top.	Bottom.	
Slate, Pencil Cove	1594	- 1597	
Lime, dark, hard	1597	- 1619	
Big Lime	1619	- 1852	
Big Injun Sand	1852	- 1859	SLM
		1855	DLM
Total depth (SLM)		1859	



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

Clearfield Bituminous Coal Corp.
W.S. Place, Pres. 230 Park Ave. N.Y. 17, N.Y.

Columbian Carbon Company

COAL OPERATOR OR COAL OWNER

NAME OF WELL OPERATOR

ADDRESS

COMPLETE ADDRESS

Hattie Summers, widow
Lockwood, W. Va.

Box 873, Charleston 23, W. Va.

May 25, 19 49

COAL OPERATOR OR COAL OWNER

PROPOSED LOCATION

G. W. Summers and Ida M. Summers
2246 VanBuren St., Holliswood, Calif.

Grant District

Madora B. Fitzwater, widow
Drennen, W. Va.

Nicholas County

OWNER OF MINERAL RIGHTS

Well No. 1 380 20' 80° 55'

ADDRESS

Hattie Summers, et al. Farm

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 agreement dated March 23, 1949 made by Hattie Summers, et al. to

Columbian Carbon Company, and recorded on the _____ day of _____, in the office of the County Clerk for said County in Book _____, page _____.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

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 addresses as _____, or _____, on the _____ day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

COLUMBIAN CARBON COMPANY
by: O. W. Van Patten, Sup't

WELL OPERATOR

Box 873

STREET

Charleston 23

CITY OR TOWN

W. Va.

STATE



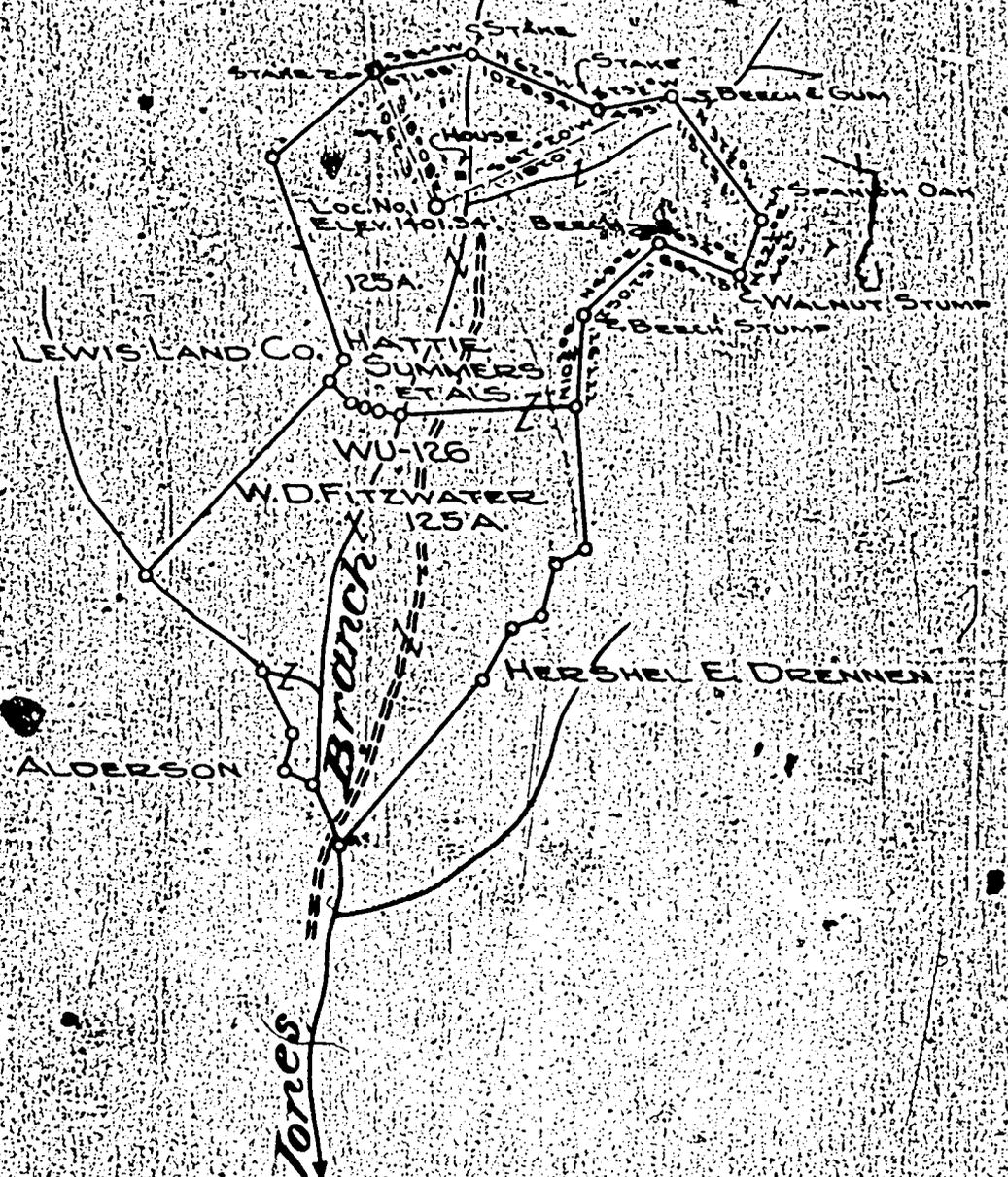
Address of Well Operator

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

Latitude 38° 20'

Longitude 80° 55'

LEWIS LAND CO.



New Location NOTE: THIS IS A REVISION
 Drill Deeper FOR PLAT DATED 5-23-49
 Abandonment Scale: 1" = 1320'

Company **COLUMBIAN CARBON**
 Address **BOX 873, CHARLESTON, W.VA**
 Farm **HATTIE SUMMERS ET ALS**
 Tract _____ Acres **250** Lease No. **WU-126**
 Well (Farm) No. **1** Serial No. _____
 Elevation (Spirit Level) **1401.34'**
 Quadrangle **SUMMERSVILLE 9 S-152**
 County **NICHOLAS** District **GRANT**
 Engineer **R. P. Anderson**
 Engineer's Registration No. **2074**
 File No. _____ Drawing No. **W-13-49**
 Date **6-2-49** Scale: 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. **NIC-104-R**

+ 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.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>CEMENT RECORD</u>							
6-25-19	10-3/4"	casing - not	squegelled -	Columbian Carbon Company	Crew		
7-8-19	8-5/8"	casing - not	squegelled -	Columbian Carbon Company	Crew		
7-16-19	7"	casing - not	squegelled -	Columbian Carbon Company	Crew		

Date August 12, 1919

APPROVED Columbian Carbon Company Owner

By O. W. Van Petten, Supt.
(Title)

1.0 API well number: (If not available, leave blank. 14 digits.)	47-067-00104 0000			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA	Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	_____ 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 Box 300 Street Tulsa, OK 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.)	Gaulcy Field Name Nicholas WV County State			
(b) For OCS wells:	N/A 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.)	Summers D #1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	N/A			
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:	03/23/78 Mo. Day Yr.			
(c) Estimated annual production:	4.3 MMcf.			
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	(a) Base Price (\$/MMBTU) 2.264	(b) Tax 2.14	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c) 2.478
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.264	2.14		2.478
9.0 Person responsible for this application:	W.F. Hanagan, Manager, Natural Gas Sales and Name Title Regulation			
Agency Use Only Date Received by Juris. Agency Date Received by FERC	Signature W.F. Hanagan 2/16/79 Date Application is Completed (918) 586-3239 Phone Number			

WELL DETERMINATION REPORT

AUG 1979

BUYER-SELLER CODE

PARTICIPANTS:

WELL OPERATOR: Cities Service Company

003568

FIRST PURCHASER: Equitable Gas Co.

005939

OTHER: _____

Qualifies Section 108, 109, 110
R. [Signature]

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
790227-108-067-0104
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? No Ratio _____
- 7 IV-39 - Annual Production: 1 year
- 8 IV-40 - 90 day Production 91 Days off Line: _____
- 9 IV-48 - Application for Certification: Complete? Affidavit _____
- 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 Commenced: 6-9-49
Date Completed: 7-25-49 (drilling) Deepened _____
Frac Date: _____
- (5) Production Depth: 1547-51, 1614, 1668-1687
- (5) Production Formation: Line, Line, Big Line
- (5) Final Open Flow: 2043 MCF
Initial Potential: _____
- (5) Final Rock Pressure: 440, 410 - 24 hrs.
Initial Pressure: _____
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas From Annual Production: $\frac{4269}{365} = 11.69$ MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{1121}{91} = 12.32$ MCF
- (8) Line Pressure: NA PSIG from Daily Report _____
- (5) Oil Production: _____ From Completion Report: _____
- (10-17) Does lease inventory indicate enhanced recovery being done: No
- (10-17) Is affidavit signed: Notarized:
- Does official well record with the Department confirm the submitted information? Yes
- Additional Information: _____ Does computer program confirm? _____
- Object to: _____ By Whom? _____

Date 2-19 1979

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

Operator's Well No. _____
API Well No. 47 Status 067 County 00104 R Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL
NGPA Section 108

DESIGNATED AGENT Sam J. Matthews
ADDRESS P.O. Box 873

Charleston, W. Va. 25323

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

LOCATION: Elevation 1401.14 G

Watershed Lower Bg

Dist. Grant County Nicholas Quad Summersville 9

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

Gas Purchase Contract No. 2-41-25-A300.99-1

Meter Chart Code 8 2524

Date of Contract 03-23-48

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

Standard Christmas Tree Assembly

Tubing

Gas from this well is transported through a gathering system to market.
All gas from this system is compressed into the purchasers line.

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

Oil/Gas System Production Record

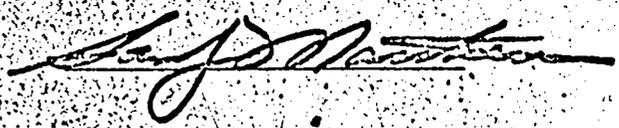
Describe the search made of any records listed above:

The above record reflects this well's production, by month, for a 12-month period. This record was used to calculate the daily average for the 90-day production period ending within 120-days of the filing date and also to determine the daily average for the 12-month period ending concurrently with the 90-day production period. Section 108 (d) filings were made only for wells which qualified under 271.804 subparagraph 2.

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

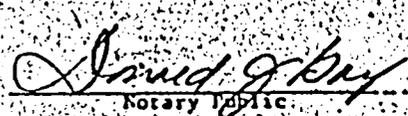
AFFIDAVIT

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



STATE OF WEST VIRGINIA,
COUNTY OF 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 19 day of February, 1979, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 19 day of February, 1979. My term of office expires on the 23 day of September, 1979.


Notary Public

[NOTARIAL SEAL]



2/20/79

GAS STRIPPER QUALIFICATION REPORT

LOC	LEASE	WELL	NAME	FIELD AND FORMATION	COUNTY	STATE	CL	ST	LEGAL DESCRIPTION
1322	4784517	1	SUMMERS D	GAULEY	BIG LIME	NICHO	WVI	14 11	9SUMVLE

	MONTHLY TOTALS (OIL-BBLS & GAS-MCF)												YEAR 12 MO DA AVER		
	DEC 77	JAN 78	FEB 78	MAR 78	APR 78	MAY 78	JUN 78	JUL 78	AUG 78	SEP 78	OCT 78	NOV 78	TOTALS	OIL-B	GAS-MCF
OIL/COND	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
GAS PROD	309	321	381	324	342	402	318	296	452	365	429	327	4266	11.69	
DAYS ON	31	31	28	31	30	31	30	31	31	30	31	30	365		

	MONTHLY TOTALS (OIL-BBLS & GAS-MCF)			3 MONTH TOTALS	DAILY AVERAGE FOR LAST 3 MO (OIL-BBLS & GAS-MCF)
	78	OCT 78	NOV 78		
OIL/COND	0	0	0	0	0.00
GAS PROD	365	429	327	1121	12.32
DAYS ON	30	31	30	91	

API-NO-47,067-00104