

Lease No. 4615

Map Square 18-61

UNITED FUEL GAS COMPANY

WELL LOCATION Chandos

FIELD

Well No. 1920 Laurel Hill Farm 20.50 Acres On Falling

Ellis Dist Rockwell Co W. Va. State

Scale 1" = 1320

Location made by M.S. Wehrle Date March 21 1922

Elevation 1200'

No buildings within 500' of location

OPERATED:
NO RECEIPT.
Class "B" location.

63
78
61
80

Lat 38° 23' 53"
Long 81° 18' 36"

Book 198
Page 50

ENGINEER
A. H. D.
APR 6 - 1928

Approved: _____ 1922 _____, Engineer

Approved: _____ 1922 _____, Vice President

(45)

UNITED FUEL GAS COMPANY
(INCORPORATED)

Serial Well No. **1920**

Lease No. **4615**

Map Square **78--61**

RECORD OF WELL No. **1920** on the

Louisa D Updegraff of **2080** Acres
in **Elk** District
Kanawha County
Clendenia, West, State of **W. Va.**

CASING AND TUBING		
Size	Used in Drilling	Left in Well
16		
13		
10		
8 1/4	621'	
6 5/8	1842' 3"	1842' 3"
5 3/16	1990' 9"	1990' 9"
4 7/8		
4		
3	2303' 5"	2303' 5"
2		

TEST BEFORE SHOT
 _____ of Water in _____ Incl.
 10hrs
 _____ of Merc. in _____ Incl.
 10hrs
 Volume _____ Cu. ft

TEST AFTER SHOT
 _____ of Water in _____ Incl.
 10hrs
 _____ of Merc. in _____ Incl.
 10hrs
 Volume _____ Cu. ft

Rock pressure **500**
 Date shut _____
 Size of Torpedo _____
 Oil Flowed _____ lbs. 1st 24 hrs
 Oil Pumped _____ lbs. 1st 24 hrs

Log Commenced _____ 192
 Log Completed _____ 192
 Drilling Commenced **May 31st** 192 **8**
 Drilling Completed **August 7th** 192 **8**
 Drilling to cost _____ per foot
 Contractor is: **C E Doty**
 Address: **519 Nancy Street**
Charleston, W. Va.
 Driller's Names
G L Angle
H E Dodd

SHUT IN
 Date **August 7th, 1928**
 Tubing or _____
3"
 Size of Packer **3x5 3/16x16**
 Kind of Packer **Parmaco anchor**
 1st Perf. Set **At _____ 2280**
 2nd Perf. Set **At _____**

Well abandoned and
 Plugged _____ 10
 or set at **20'**

DRILLER'S RECORD

Formation	Top	Bottom	Thickness	Remarks
Surface	0	12	12	Big Lime 1932-2080 148
Sand	12	15	3	Keener 2080-2120 30
Slate	15	75	60	Injun 2110-2150 40
Sand	75	245	170	Black Lime 2150-2164 14
Slate	245	265	20	Squaw 2164-2185 21
Sand	265	300	35	Slate & Shells 2185-2256 71
Slate	300	315	15	Weir 2256-2283 27
Sand	315	347	32	Slate 2283-2288 5
Lime	347	370	23	Total 2288 SL.
Sand	370	460	90	Water 275, 525, 1055
Slate	460	484	24	Show gas 865 & 1135
Sand	484	525	41	Hole Full Water 1400
Coal	525	529	4	Gas 2038-2040 Not enough to test
Slate	529	555	26	" 2085-2092 26/10 W 2"
Coal	555	558	3	
Lime	558	585	27	
Sand	585	618	33	
Slate & Shells	618	805	187	Steel line measurement on 6 5/8"
Sand	805	820	15	casing 1825, casing run on
Slate	820	860	40	6 5/8x8 1/2x10 B H Packer.
Sand	860	875	15	
Slate & Shell	875	1040	165	Steel line measurement on 5 3/16"
Sand	1040	1080	40	casing 1974, casing run on
Slate	1080	1105	25	5 3/16x 6 5/8 B H Packer.
Salt Sand	1105	1200	95	
Slate	1200	1210	10	
Salt Sand	1210	1607	397	
Slate	1607	1612	5	
Salt Sand	1612	1690	78	
Slate	1690	1694	4	
Lime	1694	1725	31	
Red Rock	1725	1760	35	
Slate & Shells	1760	1795	35	
Red Rock	1795	1810	15	
Slate & Shell	1810	1817	7	
Maron Sand	1817	1877	60	
Lime Shells	1877	1895	18	
Slate	1895	1898	3	
Lime Shell	1898	1905	7	
Slate	1905	1910	5	
Little Lime	1910	1925	15	
Pencil Cave	1925	1932	7	

Approved W. H. ... Sup't

1.0 API well number (If not assigned, leave blank. 14 digits.)	- 47-039-03134			
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.)	N/A feet			
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corporation Name P. O. Box 1273 Street Charleston WV 25325 City State Zip Code		004030 Seller Code	
5.0 Location of this well (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	W. VA. Field Area A Field Name Kanawha WVA County State			
(b) For OCS wells	N/A Area Name		Block Number	
(c) Name and identification number of this well (35 letters and digits maximum.)	L D Updegraff 801920 Date of Lease Mo. Day Yr. OCS Lease Number			
(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.)	Name		004030 Buyer Code	
(b) Date of the contract	Mo. Day Yr.			
(c) Estimated total annual production from the well	3 Million Cubic Feet			
	(a) Base Price	(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.)	S/MMBTU			
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	S/MMBTU	3.335		
9.0 Person responsible for this application	Albert H. Mathena, Jr., Director, Production Eng.			
Agency Use Only	Name		Title	
Date Received by Juris/Agency	Signature			
MAY 24 1982	Albert H. Mathena, Jr.			
Date Received by FERC	Date Application is Completed		Phone Number	
	5-14-82		(304) 346-0951	

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

WELL OPERATOR: Columbia Gas Trans. Corp.

004030

FIRST PURCHASER: *

*

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
82-0524-108-039-3134
 Use Above File Number on all Communications
 Relating to Determination of this Well

QUALIFIED

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 J. 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 42 Months years _____
- 8. IV-40 90 day Production 88 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 _____
- (1) Date commenced: 5-31-28 Date completed: 8-7-28 Deepened _____
- (2) Production Depth: 2038-40-85-92
- (3) Production Formation: Big lime
- (4) Final Open Flow: 230 MCF
- (5) After Frac. R. P. 500#
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: Compressor down 11724
298 = 37.3 MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 2903
87 = 33.4 MCF
- (9) Line Pressure: NA PSIG from Daily Rep. _____
- (10) 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? NO
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to: _____ By Whom? _____

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

Date _____ 19__

Operator's Well No. 801920

API Well No. 47 State 039 County 03134

WELL CLASSIFICATION FORM

STRIPPER GAS WELL
MGPA Section 108

DESIGNATED AGENT JAMES L. Weekley

ADDRESS P. O. Box 1273
Charleston, WV 25325

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273
Charleston, WV 25325

GAS PURCHASER NA

ADDRESS _____

LOCATION: Elevation 1200

Watershed _____

Dist. EIK County Kanawha Quad. _____

Gas Purchase Contract No. NA

Meter Chart Code 804618

Date of Contract NA

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

Provide a complete inventory of the lease and production equipment used 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.)

NOT REQUIRED PER FERC REGULATIONS

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

SEE ATTACHED PRODUCTION SHEETS

(Handwritten signature)

(Large handwritten scribble)

Describe the search made of any records listed above:

SEARCHED INDEXED SERIALIZED FILED
MAY 14 1982
FBI - CHARLOTTE

SEARCHED INDEXED SERIALIZED FILED
MAY 14 1982
FBI - CHARLOTTE

SEARCHED INDEXED SERIALIZED FILED
MAY 14 1982
FBI - CHARLOTTE

SEARCHED INDEXED SERIALIZED FILED
MAY 14 1982
FBI - CHARLOTTE

SEARCHED INDEXED SERIALIZED FILED
MAY 14 1982
FBI - CHARLOTTE

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

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

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

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, Albert H. Mathena, Jr., 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.

Albert H. Mathena, Jr.

STATE OF WEST VIRGINIA,
COUNTY OF Kanawha TO WIT:

I, Larry G. Burdette, a Notary Public in and for the state and county aforesaid, do certify that Albert H. Mathena, Jr. whose name is signed to the writing above, bearing date the 14 day of May, 19 82, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 14 day of May, 19 82. My term of office expires on the 12 day of August, 19 82.

Larry G. Burdette
Notary Public

[NOTARIAL SEAL]

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

Date 5-14 82
Operator's Well No. 801920
API Well No. 039 03131
State 039 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 _____
Meter Chart Code 804618 (Month, day and year)
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.) Section of NGPA 108 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
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 well as meeting the requirements of Section _____ under the Natural Gas Policy Act of (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 _____

All interested parties are hereby notified that on the _____ day of _____ at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as _____ 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 _____ and any additional evidence will be made at the time appointed for a public hearing or as _____ as the matter may be heard.

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

WEST VIRGINIA DEPARTMENT OF MINES

MAY 24 1982

Date received by Jurisdictional Agency

By [Signature]
Title _____

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

COLUMBIA GAS TRANSMISSION CORPORATION
N.G.P.A. SECTION 103
LIST OF WELLS FOR MEASURING STATION NUMBER 804618

PAGE 3441

IN ACCORDANCE WITH SECTION 271.804(B), THE FOLLOWING IS A LIST OF ALL WELLS ASSOCIATED WITH THIS MEASURING STATION. THESE ARE USED IN DETERMINING WELL CLASSIFICATIONS UNDER PART 271 SUBPART H.

PRODUCING UNITS

800494	800510	800530	800662	800745	800900	801337	801502	801744	801775	801776	801804
801847	801895	801920	801921	801999	802495	802508	802511	802512	802549	802550	802551
802567	803880	803934	804327	805223	805259	805259	805251	805262	805332	805333	805375
805372	805504	805509	805591	805551	805552	805553	805554	805655	805355	806303	806304
806305	806306	806970	809212	809379							

API NUMBERS

47-039-03026	47-039-03126	47-039-01026	47-039-01426
47-039-03038	47-039-03121	47-039-01072	47-039-01427
47-039-03039	47-039-03017	47-039-01073	47-039-01576
47-039-03025	47-039-03018	47-039-01102	47-039-01882
47-039-03035	47-039-03019	47-039-01103	47-039-02066
47-039-03027	47-039-03020	47-039-01137	
47-039-02982	47-039-03021	47-039-01138	
47-039-03137	47-039-03022	47-039-01186	
47-039-03127	47-039-03023	47-039-01222	
47-039-03135	47-039-02107	47-039-01223	
47-039-03136	47-039-03134	47-039-01224	
47-039-03138	47-039-00228	47-039-01219	
47-039-03139	47-039-01009	47-039-01221	
47-039-03016	47-039-01023	47-039-01337	
47-039-03134	47-039-01024	47-039-01414	
47-039-03424	47-039-01025	47-039-01429	

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

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

PAGE 3508

API WELL NO. 47-039-03134

WELL NUMBER : 801920 FARM NAME: L D UPDEGRAFT
MEASURING STATION: 804618 LEASE : 4615
STATE : WV

DATE	THREE	VOLUME	DAYS	MCF/DAY	LINE	WELL
MM/YY	MONTH	-100-	ON	-100-	PRSS	COUNT
	MCF/DAY	PERCENT	LINE	PERCENT	PSIA	
10/78		1471	31	47.5	27	1.000
11/78		1321	30	44.0	26	1.000
12/78	45.2	1275	29	44.0	25	1.000
1/79	43.5	1404	33	42.5	26	1.000
2/79	42.2	1162	29	40.1	25	1.000
3/79	40.6	1132	29	39.0	25	1.000
4/79	41.6	1492	33	45.2	25	1.000
5/79	42.9	1283	29	44.2	26	1.000
6/79	45.0	871	19	45.8	26	1.000
7/79	44.9	0	0	0.0	25	1.000
8/79	45.3	988	22	44.9	24	1.000
9/79	44.8	1340	30	44.7	27	1.000
10/79	45.2	1423	31	45.9	29	1.000
11/79	44.7	1349	31	43.5	30	1.000
12/79	44.2	1253	29	43.2	26	1.000

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

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

API WELL NO. 47-039-03134

WELL NUMBER : 801920 FARM NAME: L D UPDEGRAFT
 MEASURING STATION: 804618 LEASE : 4615
 STATE : WV

DATE	THREE	VOLUME	DAYS	MCF/DAY	LINE	WELL
MM/YY	MONTH	-100-	ON	-100-	PRSS	COUNT
	MCF/DAY	PERCENT	LINE	PERCENT	PSIA	
11/79		1349	31	43.5	30	1.000
12/79		1253	29	43.2	26	1.000
1/80	42.6	1274	31	41.1	26	1.000
2/80	41.2	1221	31	39.4	25	1.000
3/80	38.7	1186	33	35.9	23	1.000
4/80	37.6	1087	29	37.5	23	1.000
5/80	37.4	1133	29	39.1	24	1.000
6/80	40.3	644	13	49.5	25	1.000
7/80	42.3	0	0	0.0	20	1.000
8/80	49.5	0	0	0.0	22	1.000
9/80	47.8	956	20	47.8	27	1.000
10/80	43.7	1229	30	41.0	29	1.000
11/80	42.1	1187	30	39.6	26	1.000
12/80	38.8	1115	31	36.0	24	1.000
1/81	36.7	1036	30	34.5	24	1.000
2/81	34.1	1084	34	31.9	23	1.000
3/81	32.6	850	27	31.5	25	1.000
4/81	32.8	1052	30	35.1	27	1.000
5/81	34.9	1099	29	37.9	27	1.000
6/81	37.3	1318	34	38.8	25	1.000
7/81	37.7	678	19	35.7	24	1.000
8/81	37.7	0	0	0.0	0	1.000
9/81	36.9	356	9	39.6	24	1.000
10/81	43.6	1213	27	44.9	28	1.000
11/81	42.6	1369	33	41.5	26	1.000
12/81	41.3	1139	30	38.0	26	1.000

off to manage supply

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

PAGE 3456

API WELL NO. 47-039-03134

WELL NUMBER: 801920 FARM NAME: L D UPDEGRAFT
MEASURING STATION: 804618 LEASE: 4615
STATE: WV

DATE	THREE	VOLUME	DAYS	MCF/DAY	LINE	WELL
MM/YY	MONTH	-100-	ON	-100-	PRSS	COUNT
	MCF/DAY	PERCENT	LINE	PERCENT	PSIA	
11/81			33	61	24	1.000
12/81			35	36	25	1.000
1/82	38.5	1035	29	35.7	24	1.000
2/82	35.5	989	30	33.0	25	1.000
3/82	33.4	879	28	31.4	29	1.000