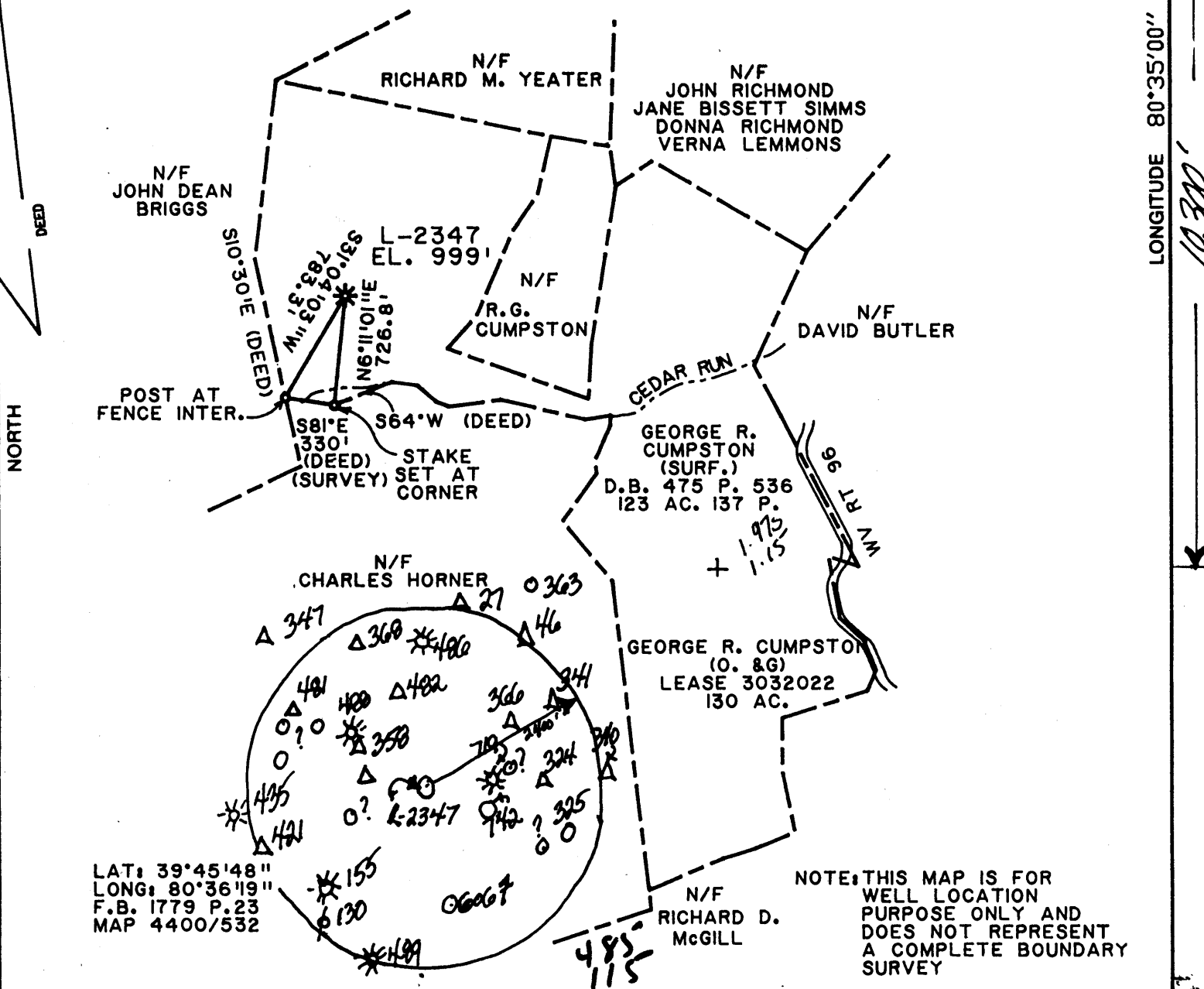


Jamie
8/17/93

6100'

LATITUDE 39°47'30"



LAT: 39°45'48"
LONG: 80°36'19"
F.B. 1779 P.23
MAP 4400/532

NOTE: THIS MAP IS FOR WELL LOCATION PURPOSE ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE 1"=1000'
MINIMUM DEGREE OF ACCURACY 1/2500
PROVEN SOURCE OF ELEVATION BM E127 770.09'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
(SIGNED) *Neil E. Lapan* 6/17/93
R.P.E. _____ L.L.S. #945



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE JUNE 7, 1993
OPERATOR'S WELL NO. L-2347
API WELL NO. 47-051-007567

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 999' WATERSHED CEDAR RUN
DISTRICT LIBERTY 4 COUNTY MARSHALL
QUADRANGLE CAMERON, W.V.

SURFACE OWNER GEORGE R. CUMPSTON ACREAGE 123 AC. 137P.
OIL & GAS ROYALTY OWNER GEORGE R. CUMPSTON LEASE ACREAGE 130
LEASE NO. 3032022

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) RECONDITION

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR COLUMBIA GAS TRANS. CORP. DESIGNATED AGENT Deck Cotes

AUG 23 1993

COUNTY NAME _____ PERMIT _____

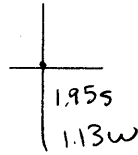
FORM IV-6 (8-78)

39°47'30"

Latitude

80°35'00"

Longitude



Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company Manufact Lt + Ht

Farm Catherine Fay I # 2347

15' Quad _____
(sec.)

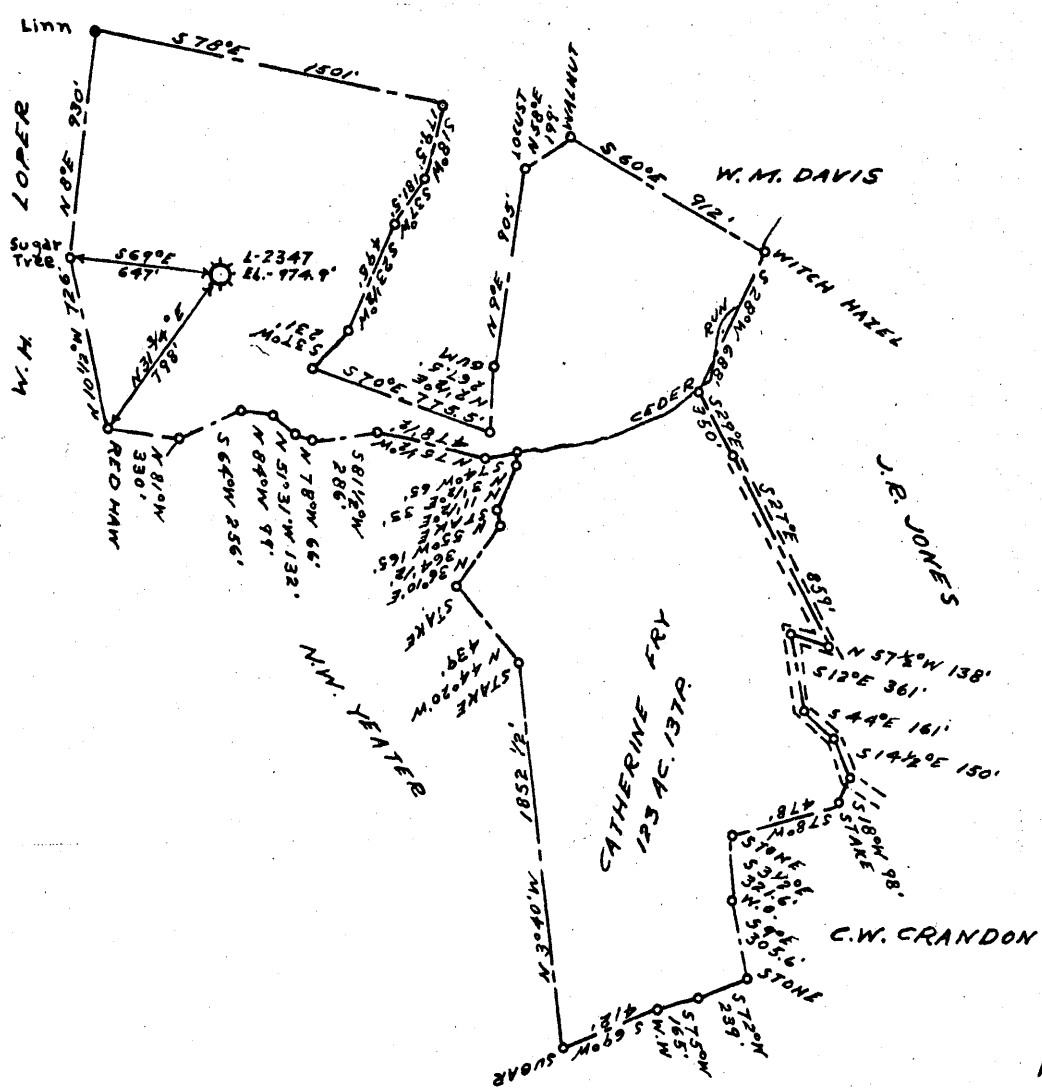
7.5' Quad Cameron

District Liberty

WELL LOCATION PLAT

County 051 Permit 756

0 1 2 3 LATITUDE 39 ° 50 1
 -1
 -2
 -3 LONGITUDE 80 ° 35



4.72S
 1.02W

COAL OWNED BY _____
 RECONDITION & PARTIALLY AUG
 NEW LOCATION...
 DRILL DEEPER...
 ABANDONMENT...

COMPANY THE MANUFACTURERS LIGHT & HEAT CO
 ADDRESS 800 UNION TRUST BLDG. PCH. PA.
 FARM CATHERINE FRY
 TRACT _____ ACRES 130 LEASE No. 6835
 WELL (FARM) No. 1 SERIAL No. 2347
 ELEVATION (SPIRIT LEVEL) 972.9'
 QUADRANGLE CAMERON
 COUNTY MARSHALL DISTRICT LIBERTY
 ENGINEER Thomas E. Virgin M.
 ENGINEER'S REGISTRATION No. 1503
 FILE No. _____ DRAWING No. Y-15-811
 DATE 19 JUNE 1958 SCALE 1" = 800'

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

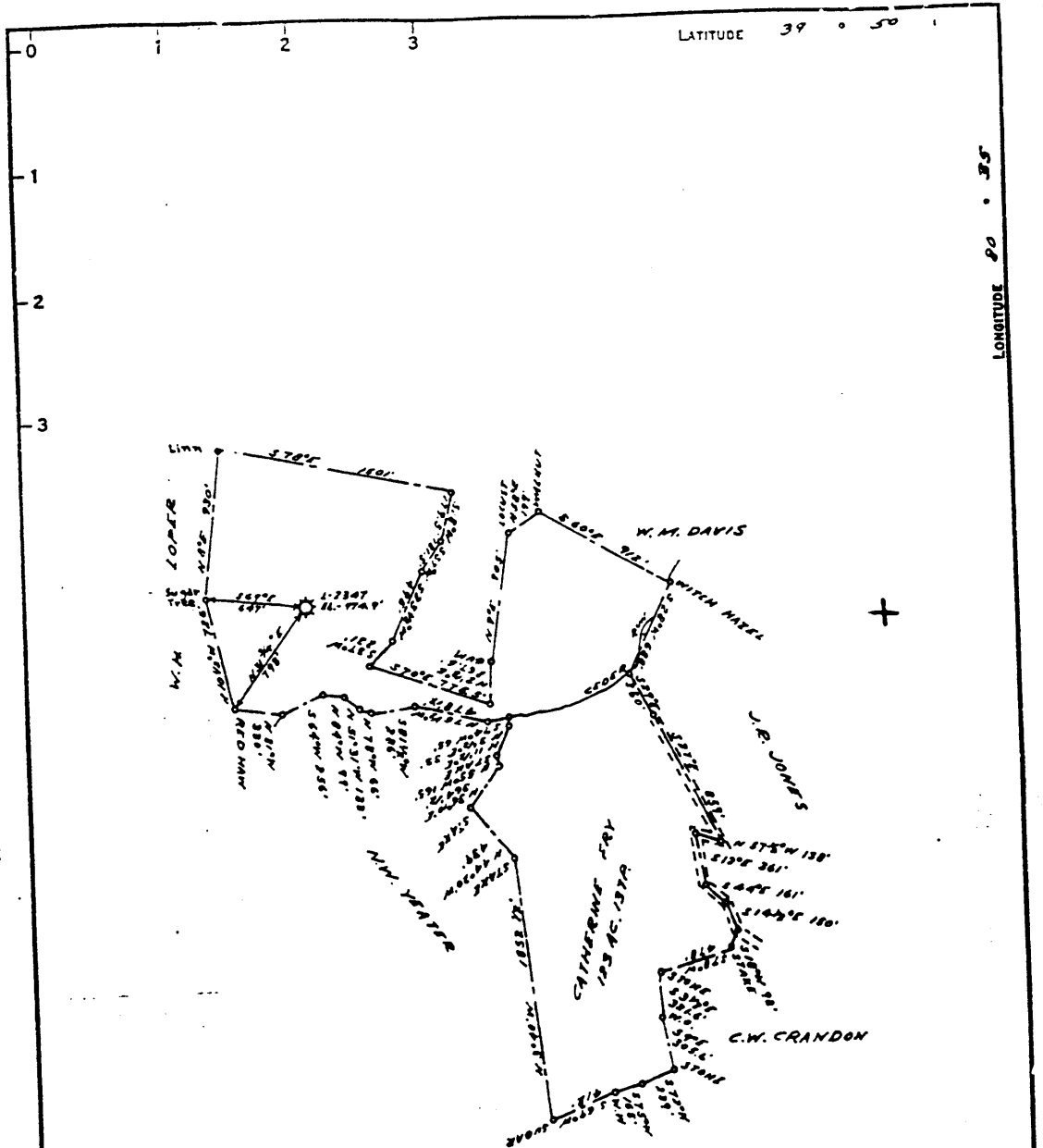
WELL LOCATION MAP

FILE No. MARS-393-A-Storage

HOW: 051 756 Roll

+ 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.



COAL OWNED BY
 RECONSTRUCTION & PARTIALLY MUG

NEW LOCATION

DRILL DEEPER

ABANDONMENT

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.

ADDRESS 800 UNION TRUST BLDG. PENN. PA.

FARM CATHERINE FRY

TRACT _____ ACRES 190 LEASE No. 6835

WELL (FARM) No. 1 SERIAL No. 2347

ELEVATION (SPIRIT LEVEL) 972.9'

QUADRANGLE CRANDON

COUNTY MORGANWELL DISTRICT LIBERTY

ENGINEER Thomas E. Virgin

ENGINEER'S REGISTRATION No. 1503

FILE No. _____ DRAWING No. Y-15-811

DATE 19 JUNE 1958 SCALE 1" = 800'

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

WELL LOCATION MAP

File No. MARS-393-A-Storage

SEE: 651-0756

+ 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.

WR-35
RECEIVED
 WV Division of Environmental Protection
 AUG 15 1994
 Permitting Office of Oil & Gas

17-Aug-93
 API # 47- 51-00756 F

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: CUMPSTON, GEORGE & NANCY Operator Well No.: L-2347

LOCATION: Elevation: 999.00 Quadrangle: CAMERON

District: LIBERTY County: MARSHALL
 Latitude: 10300 Feet South of 39 Deg. 47Min. 30 Sec.
 Longitude 6100 Feet West of 80 Deg. 35 Min. Sec.

Company: COLUMBIA GAS TRANSMISSION
 1700 MacCORKLE AVENUE S.E.
 CHARLESTON, WV 25314-0000

Agent: ROBERT C. WEIDNER

Inspector: RANDAL MICK
 Permit Issued: 08/17/93
 Well work Commenced: 10/20/93
 Well work Completed: 2/4/94
 Verbal Plugging _____
 Permission granted on: _____
 Rotary Cable _____ Rig _____
 Total Depth (feet) 1989
 Fresh water depths (ft) _____
 NOT RECORDED BY DRILLER
 Salt water depths (ft) _____
 NOT RECORDED BY DRILLER
 Is coal being mined in area (Y/N)? No
 Coal Depths (ft): PITTSBURGH COAL 648' - 656'

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10 ³ / ₄ " O.D.	259'	259'	148
8 ⁵ / ₈ " O.D.	1134'	1134'	148
7" O.D.	1756'	1756'	266
4 ¹ / ₂ " O.D.	2024'	2024'	118

OPEN FLOW DATA

Producing formation BIG INJUN SAND Pay zone depth (ft) 1866'
 Gas: Initial open flow 84 MCF/d Oil: Initial open flow — Bbl/d
 Final open flow 4300 MCF/d Final open flow — Bbl/d
 Time of open flow between initial and final tests — Hours
 Static rock Pressure — psig (surface pressure) after — Hours

Second producing formation — Pay zone depth (ft) —
 Gas: Initial open flow — MCF/d Oil: Initial open flow — Bbl/d
 Final open flow — MCF/d Final open flow — Bbl/d
 Time of open flow between initial and final tests — Hours
 Static rock Pressure — psig (surface pressure) after — Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: COLUMBIA GAS TRANSMISSION CORP.

By: Ronald A. Schoff
 Date: July 28, 1994

FINAL OPEN FLOW CALCULATED FROM BACK-PRESSURE
 TEST RUN ON 5/24/94. CALCULATED FLOW @ 800 psig

AUG 26 1994

- 10/21/93 CLEANED OUT TO THE PLUGGED BACK TOTAL DEPTH AT 2022' G.I.L.
- 10/26/93 RAN 2024' G.I.L. OF 4 1/2" O.I.D., K-55, 11.6 ppg CASING AND HALLIBURTON CEMENTED IN PLACE WITH 100' SKS
- 10/28/93 INSTALLED A NEW 7" x 4 1/2", API 2000, BARTON FLANGED WELLHEAD WITH 2-4 1/16", API 2000, BARTON GATE VALVES,
- 11/30/93 ATLAS WIRELINE SERVICES PERFORATED THE 4 1/2" O.I.D. CASING FROM 1866' TO 1876' AND FROM 1892' TO 1902' AT 6 SHOTS/FT.
- 12/3/93 HALLIBURTON FRACTURED THE BIG INJUN SAND WITH 500 GAL OF 10% Fe ACID, 528 ~~gal~~ OF GELLED WATER, 5,000# OF 80/100 SAND AND 25,000# OF 20/40 SAND, RAN PROP-LOK ADDITIVE IN THE LAST 10,000# OF 20/40 SAND PUMPED,

FORMATION DEPTHS (FROM SERVICE COMPANY LOGS RUN BY HALLIBURTON LOGGING SERVICES ON 10/22/93):

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
PITTSBURGH COAL	648'	656'
BIG DUNKARD SAND	1199'	1233'
MAXTON SAND	1701'	1711'
LOWER MAXTON SAND	1737'	1755'
BIG LIME	1755'	1780'
BIG INJUN SAND	1780'	-
TOTAL DEPTH	-	1989'

20&L1

See, 051-756



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Cameron

WELL RECORD

Permit No. 051-393-A

Oil or Gas Well GAS
(KIND)

Company <u>The Manufacturers Light and Heat Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>800 Union Trust Building, Pgh. 19, Pa.</u>				
Farm <u>Catherine Fry</u> Acres <u>1.30</u>	Size			
Location (waters)				Kind of Packer
Well No. <u>2347</u> Elev. <u>374.9'</u>	16			
District <u>Liberty</u> County <u>Marshall</u>	13			
The surface of tract is owned in fee by _____	10" <u>254'2"</u>			Size of
Address _____	8 1/2" <u>1144'</u>		<u>1144'</u>	
Mineral rights are owned by _____	6 1/2" <u>1754'</u>		<u>1754'</u>	Depth set
Address _____	5 3/16"			
Drilling commenced <u>December 9, 1918</u>	2 1/2" <u>2678'</u>			Perf. top
Drilling completed <u>January 31, 1919</u>	2			Perf. bottom
Date Shot From _____ To _____	Liners Used			Perf. top
With _____				Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

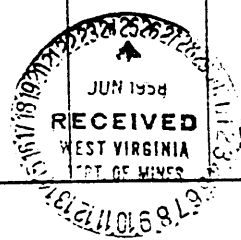
Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Mapletown Coal			567	573	February 1, 1919 Well Tubed with		
Pittsburgh Coal			640	648	4" Tubing.		
Murphy Sand			780	800			
Little Dunkard, Dark, Hard			935	970	Anchor 69-11 3-Joints		
Big Dunkard - White, Hard			1190	1259	Above Packer 260810 125 3-Joints		
Gas Sand - White, Hard			1400	1440			
Salt Sand - Dark, Hard			1620	1648	Well packed in 50 ft. Sand		
Maxion Sand - White, Hard			1710	1740	With 1-6 5/8 x 4" OWS Anchor Packer.		
Big Lime - White, Hard			1740	1795	Gage on top of 3rd Joint		
Big Injun - White, Hard			1795	2055	Packer on Gage		
50 ft. Sand - White, Hard			2400	2420	Made in 4" with spring gage		
Sand (shells) - White, Hard			2550	2580	10 - 200 - 240 - 270 - 290 - 30M 3go.		
Sand (shells) - Dark, Hard			2605	2635	2,356,000 cu. ft.		
Gordon Stray			2658		Gas at 2660		
Total Depth			2678		Gas at 640		
					Gas at 930		
					Gas at 1728		
					Gas at 1890		
Slate - White, Soft		100	0	100			
Rock - Red, Soft		18	100	118			
Slate - White, Soft		7	118	125			
Sand - White, Hard		25	125	150			
Slate - White, Soft		75	150	225			
Lime - White, Hard		45	225	270			
Slate - Dark, Soft		50	270	320			
Sand - White, Hard		40	320	360			
Coal - Dark, Soft		5	360	355			
Slate - Dark, Soft		15	365	380			
Lime - White, Hard		25	380	405			
Slate - Dark, Soft		25	405	430			
Lime - White, Hard		50	430	480			
Slate - Dark, Soft		80	480	560			
Lime - White, Hard		7	560	567			
Coal - Black, Soft		6	567	573			
Slate - Dark, Soft		12	573	585			
Lime - White, Hard		45	585	630			
Slate - Dark, Soft		10	630	640			
Slate - Dark, Soft		60	640	708			



(Over)

FORM WW-2B

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Issued 08/17/93
Expires 08/17/95
(4) 278

- 1) Well Operator: COLUMBIA GAS TRANSMISSION CORP. 10450
- 2) Operator's Well Number: L-2347 3) Elevation: 999
- 4) Well type: (a) Oil / or Gas X/
(b) If Gas: Production / Underground Storage X/
Deep / Shallow X/
- 5) Proposed Target Formation(s): BIG INJUN SAND
- 6) Proposed Total Depth: 2050 feet
- 7) Approximate fresh water strata depths: 150'
- 8) Approximate salt water depths: 780'
- 9) Approximate coal seam depths: 360-365', 567-573', 640-648'
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: KILL WELL: CLEAN OUT TO 2050', RUN AND CEMENT 4-1/2" CASING THROUGH BIG INJUN SAND; PERFORATE AND FRACTURE.
- 12) CASING AND TUBING PROGRAM

RECEIVED
WV Division of
Environmental Protection
AUG 16 93
Permitting
Office of Oil & Gas

Rework of Frac Existing Well.

CASING AND TUBING PROGRAM

TYPE	SIZE	GRADE	WEIGHT PER FT.	FOOTAGE INTERVALS	CEMENT
Conductor					
Fresh Water	10-3/4"	H	32.75	260'	125 SX
Coal	8-5/8"	J	24	1144'	125 SX
Intermediate	7"	J	20	1754'	225 SX
Production	4-1/2"	K	11.6	2050'	175 SX
Tubing					
Liners					

Existing well record.

PACKERS : Kind NONE
Sizes
Depths set

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Security Blanket Agent
(Type)

00287256
16

17802

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WV Division of
Environmental Protection

AUG 16 93

- 1) Date: May 18, 1993
- 2) Operator's well number L-2347
- 3) API Well No: 47 - 051 - 0756 -FRAC
State - County - Permit

Permitting
Division of Oil & ~~Gas~~ **STATE OF WEST VIRGINIA**
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
 (a) Name George R. & Nancy Cumpston
 Address RD 5, Box 198
Cameron, WV 26033
 (b) Name _____
 Address _____
 (c) Name _____
 Address _____

5) (a) Coal Operator:
 Name _____
 Address _____
 (b) Coal Owner(s) with Declaration
 Name Consolidation Coal Co.
 Address 1800 Washington Road
Pittsburgh, PA 15241
 Name _____
 Address _____

6) Inspector Randal Mick
 Address 111 Blackshere Drive
Mannington, WV 26582
 Telephone (304)-686-3324

(c) Coal Lessee with Declaration
 Name _____
 Address _____

*copy of lease
Charleston
Office of Col. Gas. News*

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

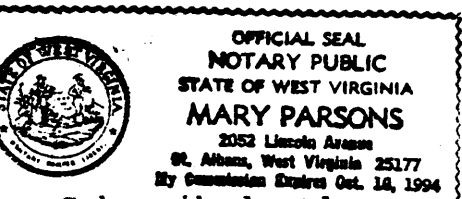
- _____ Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator COLUMBIA GAS TRANSMISSION CORP.
 By: [Signature]
 Its: DIRECTOR, DRILLING & MAINTENANCE
 Address P. O. BOX 1273
CHARLESTON, WV 25325-1273
 Telephone 304-357-2459



Subscribed and sworn before me this 3rd day of August, 1993

Mary Parsons Notary Public
 My commission expires Oct. 10, 1994

MEMORANDUM

051-0756

To: Dick Coty
From: Don Burnside
Date: June 3, 1993
Subject: Victory Storage - Reconditioning of Storage Well

As per your request, the following parties are the owners of the Surface and Coal.

Lease No. 6835

Well 2347

Surface: George R. and Nancy Cumpston
RD 5 Box-198
Cameron, WV 26033

Coal: Consolidation Coal Company
1800 Washington Road
Pittsburg, PA 15241

If I may further assist, please contact me.

Don

RECEIVED

WV Division of
Environmental Protection

AUG 16 93

Permitting
Office of Oil & Gas

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

RECEIVED
FEB 11 1959
DEPARTMENT OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

<u>M. A. Hanna Coal Company</u> <small>COAL OPERATOR OR OWNER</small> <u>1300 Leader Building</u> <u>Cleveland, Ohio</u> <small>ADDRESS</small>	<u>The Manufacturers Light & Heat Company</u> <small>WELL OPERATOR</small> <u>800 Union Bank Building</u> <u>Pittsburgh 30, Pennsylvania</u> <small>COMPLETE ADDRESS</small>
<small>COAL OPERATOR OR OWNER</small>	<u>February 9, 1959</u> <small>WELL AND LOCATION</small>
<small>ADDRESS</small>	<u>Liberty</u> District
<small>LEASE OR PROPERTY OWNER</small>	<u>Marshall</u> County
<small>ADDRESS</small>	Well No. <u>2347</u>
	<u>S. 27</u> Perm

STATE INSPECTOR SUPERVISING PLUGGING: Oscar Butcher, Hurricane, West Virginia

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Marshall

ss:

Henry Colwell and Phillip D. Whicker
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by The Manufacturers Light & Heat, Co. well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 27th day of January, 1959, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
<u>2730' to 2575'</u>	<u>Natural Fill</u>			<u>1 1/2 - 15 1/2'</u>
<u>2575' to 2105'</u>	<u>Red Mud</u>			
<u>2105' to 2095'</u>	<u>Stone</u>			
<u>2095' to 2020'</u>	<u>Neat Cement</u>			
<small>COAL BEAMS</small>				<small>DESCRIPTION OF MONUMENT</small>
<u>Pittsburgh</u>	<u>663' to 655'</u>			<u>Partial Plugging Only</u>
<small>(NAME)</small>				
<small>(NAME)</small>				
<small>(NAME)</small>				

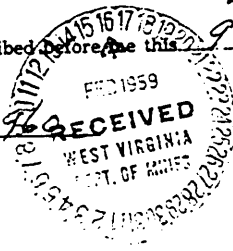
and that the work of plugging and filling said well was completed on the 27th day of January, 1959

And further deponents saith not.

Sworn to and subscribed before me this 9th day of February, 1959

My commission expires:

April 27, 1960



Henry Colwell
Phillip D. Whicker
day of February, 1959
Oscar Butcher
Notary Public

Permit No. MARS - 393 - A

See:

051-0756