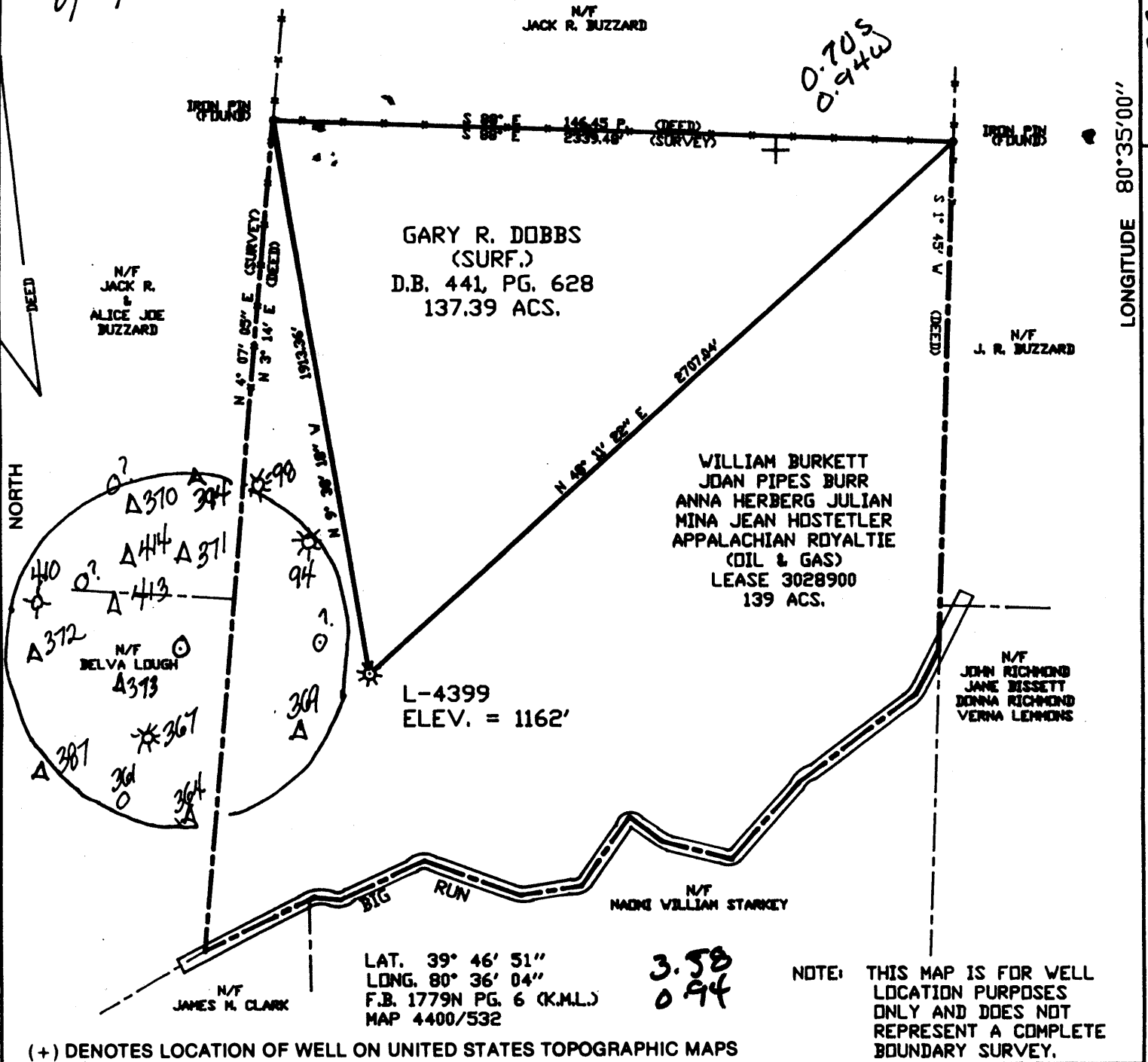


Janice
8/17/93

LATITUDE 39°47'30"

LONGITUDE 80°35'00"



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION BM F127 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. Lyson
 R.P.E. _____ L.L.S. 945

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE FEB. 25, 19 93
 OPERATOR'S WELL NO. L-4399
 API WELL NO.

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1162' WATER SHED BIG RUN
 DISTRICT LIBERTY X COUNTY MARSHALL

SURFACE OWNER GARY R. DOBBS ACREAGE 137.39
 OIL & GAS ROYALTY OWNER SEE ABOVE LEASE ACREAGE 139
 LEASE NO. 3028900

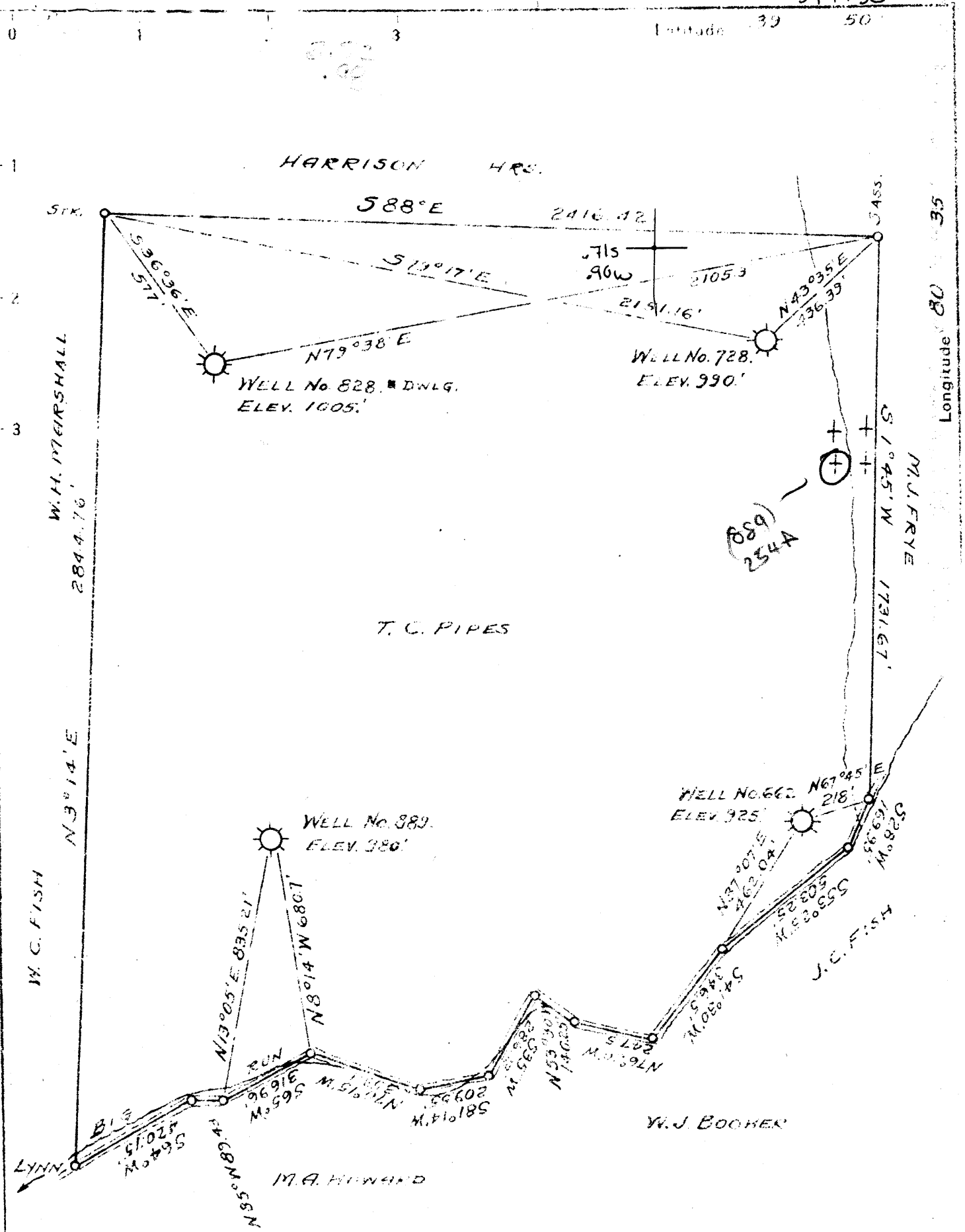
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) RECONDITION

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION _____ ESTIMATED DEPTH 6-6 25
 WELL OPERATOR COLUMBIA GAS TRANS. CORP. DESIGNATED AGENT R. A. SCHOFF
 ADDRESS P.O. BOX 1273 CHARLESTON, WV 25325 ADDRESS P.O. BOX 496 WASHINGTON, PA 15301

AUG 23 1993

FORM IV-6 (8-78)

COUNTY NAME PERMIT



New Location
 Drill Deeper
 Abandonment X No. 889

Company CARNEGIE NATURAL GAS Co
 Address PITTSBURGH, PA.
 Farm T.C. PIPES
 Tract _____ Acres 139 Lease No. 3802-48
 Well (Farm) No. 4 Serial No. 589
 Elevation (Spirit Level) 980'
 Quadrangle CAMERON S.E. 14
 County MARSHALL District LIBERTY
 Engineer A. I. BITCHIE
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date 8-16-37 Scale 1" = 400'

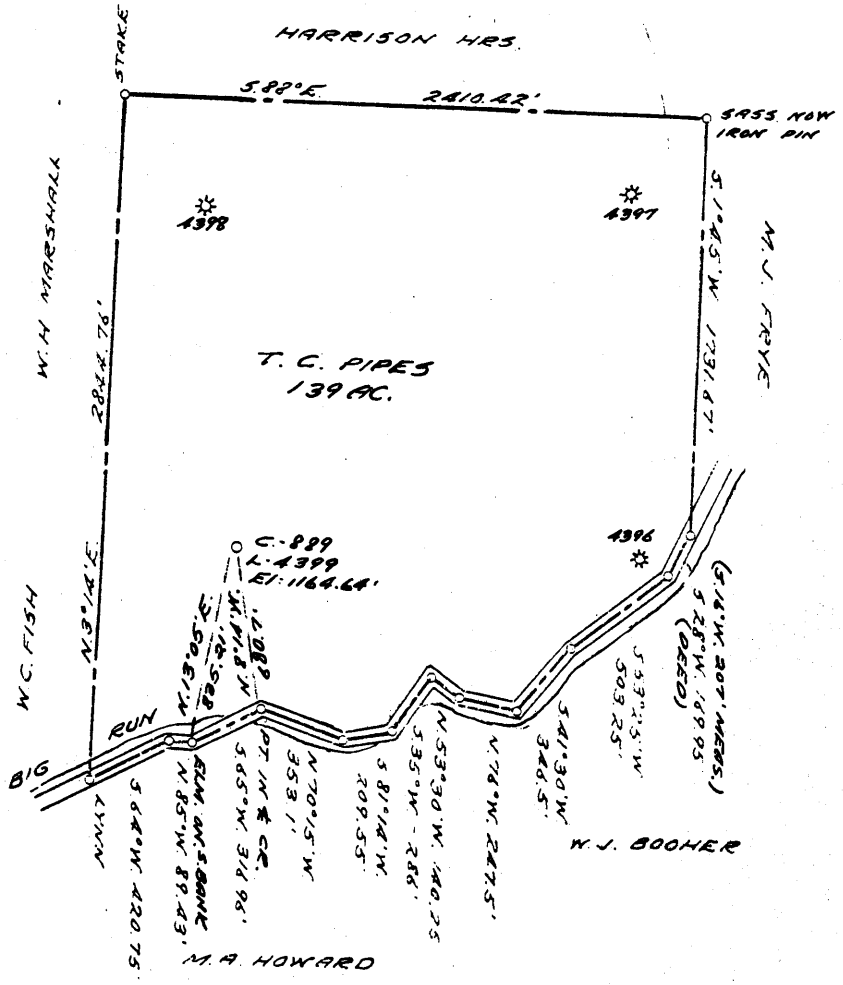
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. MARS-254-A

NO 757

+ Denotes location of well on United States
 Topographic Maps, scale 1 to 62,500, lat-
 itude and longitude lines being represented
 by border lines as shown.
 - Denotes one inch spaces on border line
 of original tracing.

LATITUDE 39 ° 50 ' 1
 LONGITUDE 80 ° 35 ' 1



3.50S
 0.97W

0.98W
 3.54 S

COAL OWNED BY _____
 ACTIVE WELL TO BE RECONDITIONED, PART PLUG.
 NEW LOCATION
 DRILL DEEPER
 ABANDONMENT

MAR 6 1960

0-25-28

COMPANY THE MANUFACTURERS LIGHT & HEAT
 ADDRESS 800 UNION TRUST BLDG. P6H. PA.
 FARM T. C. PIPES
 TRACT _____ ACRES 139 LEASE No. 28900
 WELL (FARM) No. 4 SERIAL No. 4399
 ELEVATION (SPIRIT LEVEL) 1164.64'
 QUADRANGLE CAMERON
 COUNTY MARSHALL DISTRICT LIBERTY
 ENGINEER Robert A. Neill
 ENGINEER'S REGISTRATION No. 361-E (J.F.)
 FILE No. _____ DRAWING No. Y-25-69
 DATE 8 FEB. 1960 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-415 Partial Plug
NOW: 051 757 (Storage)

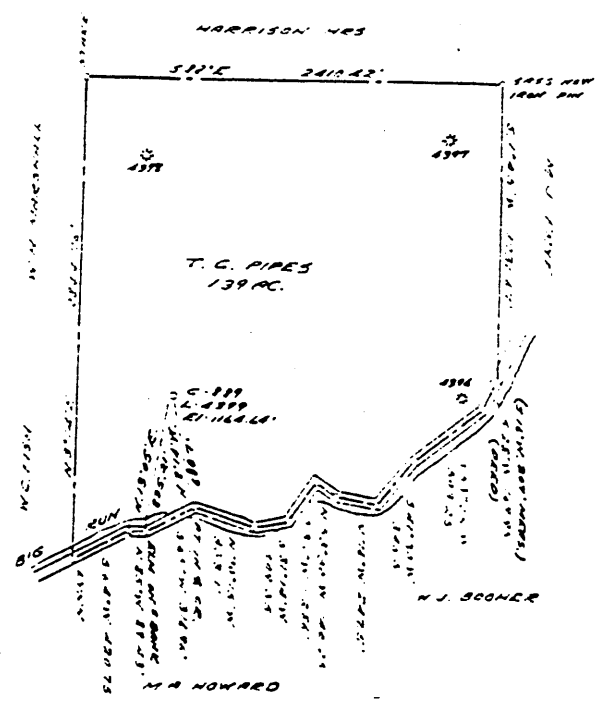
+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

T. C. PIPES No. 4 (4399) - M. L. E. H. Co.

MARS-415-A

1
2
3

LONGITUDE 80 35'



COAL OWNED BY _____
 ACTIVE WELL TO BE RECONDITIONED: PART PLUS.
 NEW LOCATION
 DRILL DEEPER
 ABANDONMENT

0-25-28

COMPANY THE MANUFACTURERS LIGHT & HEAT
 ADDRESS 900 UNION TRUST BLDG. DEN. PA.
 FARM T. C. PIPES
 TRACT ACRES 139 LEASE No. 28900
 WELL (FARM) No. 4 SERIAL No. C-819 4399
 ELEVATION (SPIRIT LEVEL) 1168.64'
 QUADRANGLE CAMERON
 COUNTY MARSHALL DISTRICT LIBERTY
 ENGINEER Robert M. Hall
 ENGINEER'S REGISTRATION No. 361-E (J.E.)
 FILE No. _____ DRAWING No. Y-25-69
 DATE 5 FEB. 1960 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. 051-0415-17

See: 051-0757

+ 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-3
 RECEIVED
 WV Division of Environmental Protection
 AUG 15 1994
 Permitting Office of Oil & Gas

17-Aug-93
 API # 47- 51-00757 F

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

Well Operator's Report of Well Work

Farm name: DOBBS, GARY R. & JAN C. Operator Well No.: L-4399

LOCATION: Elevation: 1,162.00 Quadrangle: CAMERON

District: LIBERTY County: MARSHALL
 Latitude: 3810 Feet South of 39 Deg. 47Min. 30 Sec.
 Longitude 4980 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: 9/30/93
 Well work Completed: 3/24/94
 Verbal Plugging _____
 Permission granted on: _____
 Rotary Cable _____ Rig
 Total Depth (feet) 2171
 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 837'-849'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.

OPEN FLOW DATA

Producing formation BIG INJUN SAND Pay zone depth (ft) 2055
 Gas: Initial open flow 1,380 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

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. Shoff
 Date: August 5, 1994

AUG 20 1994

- 10/4/93 CLEANED OUT TO PLUGGED BACK TOTAL DEPTH AT 2210' G.L.
- 10/6/93 RAN 2202' G.L. OF 4 1/2" O.D., K-55, 1116 ^{ggs} CASING AND HALLIBURTON CEMENTED IN PLACE WITH 110 ^{SKS}.
- 10/7/93 INSTALLED A NEW 7" x 4 1/2", API 2000, ERC FLANGED WELLHEAD WITH 2-4 1/4", API 2000, FOSTER GATE VALVES,
- 3/21/94 HITWELL SURVEYS, INC. PERFORATED THE 4 1/2" O.D. CASING FROM 2055' TO 2081' AT 6 ^{SHOTS}/FOOT.
- 3/23/94 HALLIBURTON FRACTURED THE BIG INJUN SAND WITH 500 ^{GAL} OF 15% HCL, 498 ^{ggs} OF GELLED WATER, 5,000# OF 80/100 SAND AND 22,000# OF 20/40 SAND,

FORMATION DEPTHS (FROM SERVICE COMPANY LOGS RUN BY SCHLUMBERGER ON 10/4/93):

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
PITTSBURGH COAL	837'	849'
BIG DUNKARD SAND	1350'	1392'
MAXTON SAND	1860'	1888'
LOWER MAXTON SAND	1925'	1939'
BIG LIME	1939'	1961'
BIG INJUN SAND	1961'	—
TOTAL DEPTH	—	2171'



302

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

APB 754-A No. 60
051957

WELL RECORD

Permit No. _____ WELL TO BE ABANDONED Oil or Gas Well GAS
(KIND)

Company CARNEGIE NATURAL GAS COMPANY
Address 1015 Frick Bldg., PITTSBURGH, PA.
Farm T. C. PIPES Acres 139
Location (waters) BIG RUN
Well No. 899 Elev. 980
District LIBERTY County MARSHALL
The surface of tract is owned in fee by FRANK CROW
Address CAMERON, W. VA.
Mineral rights are owned by SEE BELOW
Address _____
Drilling commenced 11-29-18
Drilling completed 1-9-19
Date Shot 4-2-19 From 2775 To 2780
With 12 qts.
Open Flow /10ths Water in _____ Inch
16/10ths Merc. in 2 Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

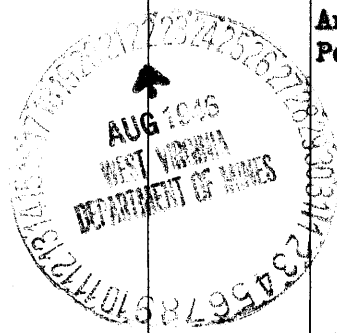
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10	238	None	Size of
8 1/4	1270	1270	
6 3/4	1973	1973	Depth set
5 3/16			
3		2800	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 750 FEET _____ INCHES
850 FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Mapletown Coal			750	755			
Pittsburgh Coal			850	855			
Little Dunkard			1260	1275			
Big Dunkard			1320	1460			
Gas sand			1520	1540			
2nd Gas Sand			1550	1575			
1st Salt Sand			1840	1880			
Maxton Sand			1887	1957			
Big Lime			1957	1995			
Big Injun			1995	2270	Gas	2070-2075	
					Gas	2080-2085	
50-Foot sand			2623	2677			
30-Foot Sand			2775	2795	Gas	2776-2778	
TOTAL DEPTH				2800			

OWNERS of MINERAL RIGHTS:

Berta D. Pipes, 715 - 30th Ave., St. Petersburg, Fla.
Lutie Hicks, 929 Main St., Wheeling, W. Va.
Eva Thiel, 105 S. 3rd St., Martins Ferry, Ohio
Anna Herberg Julian, 3651 Edwards Rd., Hyde Park, Cincinnati, Ohio
Peoples-Pittsburgh Trust Co., Agent for John Thiel Heirs, Pittsburgh, Pa.



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date AUGUST 21, 194 6

APPROVED CARNEGIE NATURAL GAS COMPANY, Owner

By B. H. Archer
(Title) Land Agent.



See: 051-757



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle _____
Permit No. 051-415-A

WELL RECORD

Oil or Gas Well GAS
(MINES)

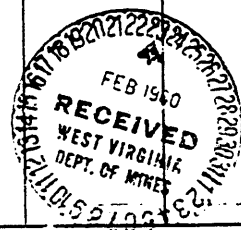
Company The Manufacturers Light and Heat Company
Address 800 Union Trust Bldg., Pittsburgh, Pa.
Farm T. C. Pipes Acres 139
Location (waters) _____
Well No. L-4399 (C-339) Elev. _____
District Liberty County Marshall
The surface of tract is owned in _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced November 20, 1918
Drilling completed January 9, 1919 Drilled deeper April 15, 1919
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/2			
6 1/2			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
622MCF /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 560 lbs. 2" hrs.
Oil _____ bbls. 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Thick- ness	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			850	855			
Little Dunkard			1260	1275			
Big Dunkard			1320	1460			
Gas Sand			1520	1540			
1st Salt			1840	1880			
Maxton			1887	1957			
Big Lime			1957	1995			
Big Injun			1995	2270	Gas	2070-2075 2080-2085	
Thirty-Foot			2775	2795	Gas	2776-2776	
Gorden			2848	2878	Oil	2855-2857	
Fourth			2908	2918	Gas	2912	Blew Out
Fifth			3000	3009	Gas	3005	Show
				2800			
				2809			4/6/1919



47-051-0757-Rework-F
 Woe No: 051-0415-A
 Issued 08/17/93

FORM WW-2B

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

Page 1 of 1
 Expires 08/17/95

- 1) Well Operator: Columbia Gas Transmission Corp. 10450 (4) 278
- 2) Operator's Well Number: L-4399 3) Elevation: 1162
- 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 371
- 6) Proposed Total Depth: 2210 feet
- 7) Approximate fresh water strata depths: 180'
- 8) Approximate salt water depths: 1200'
- 9) Approximate coal seam depths: 750-755', 830-835'
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work: Kill the well; clean out to 2210', run and cement 4-1/2" casing through Big Injun Sand, perforate and fracture.
- 12)

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

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor				?	from well record removed	
Fresh Water	10-3/4"	H	32.75		229' 10" over removed	106 sacks
Coal	8-5/8"	J	24		1260'	200 sacks
Intermediate	7"	J	20		1940'	250 sacks
Production	4-1/2"	K	11.6		2210'	175 sacks
Tubing						38 CS/A/1/1
Liners						

PACKERS : Kind none
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

00287256
 16

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

17803

RECEIVED

WV Division of
Environmental Protection

AUG 16 93

Permitting
Office of Oil & Gas

1)
2)
3)

Date: May 17, 1993
Operator's well number
L-4399
API Well No: 47 - 051 - 0757 - Rework-
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name Gary R. & Jan Carol Dobbs
Address 16 Maple Avenue
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 Dr.
Mannington, WV 26582
Telephone (304) 986-3324

(c) Coal Lessee with Declaration
Name _____
Address _____

*Copy of lease in Charleston office
Col Dobbs*

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

X 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)
- X 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.

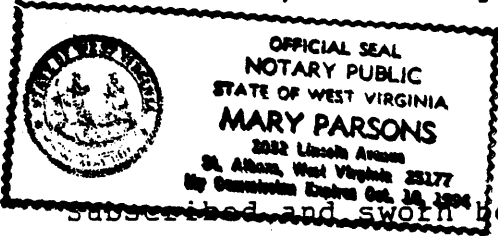
By: [Signature]

Its: DIRECTOR, DRILLING & MAINTENANCE

Address P. O. Box 1273

Charleston, WV 25325-1273

Telephone 304-357-2459



Subscribed and sworn before me this 9th day of June, 1993

[Signature] Notary Public
Delander 10, 1994

My commission expires _____

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. 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>	<u>The Manufacturers Light and Heat Company</u>
<small>COAL OPERATOR OR OWNER</small> <u>1300 Leader Building</u> <u>Cleveland, Ohio</u>	<small>NAME OF WELL OPERATOR</small> <u>800 Union Trust Building</u> <u>Pittsburgh 30, Pennsylvania</u>
<small>ADDRESS</small>	<small>COMPLETE ADDRESS</small>
<small>COAL OPERATOR OR OWNER</small>	<u>June 9,</u> <u>19 60</u>
<small>ADDRESS</small>	<u>Liberty</u> <u>District</u>
<small>LEASE OR PROPERTY OWNER</small>	<u>Marshall</u> <u>County</u>
<small>ADDRESS</small>	Well No. <u>4399</u> (<u>C-889</u>)
	<u>T. C. Pipes</u> <u>Farm</u>

STATE INSPECTOR SUPERVISING PLUGGING.....Oscar Butcher, Hundred, West Virginia

AFFIDAVIT

STATE OF WEST VIRGINIA.

County of Marshall } ss:

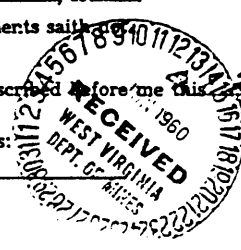
Chas. A. Hart and Arthur Leo Johnson
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Haught Drilling Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 13 day of May, 1960, 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>2800 to 2310</u>	<u>Aquagel</u>			
<u>2310 to 2210</u>	<u>Cement</u>			
<u>Note: 25 bags of Aquagel was run through 1600' of new 7" casing from 2800' to 2310'. Upon completion of well, 35 bags of cement were run from 2310' to 2210' by use of a cement bailer.</u>				
<small>COAL SEAMS</small>	<small>DESCRIPTION OF MONUMENT</small>			
<u>(NAME) Pittsburgh Coal</u>	<u>838 to 844</u>	<u>Partial plugging</u>		
<small>(NAME)</small>				
<small>(NAME)</small>				
<small>(NAME)</small>				

and that the work of plugging and filling said well was completed on the 13 day of MAY, 1960

And further deponents saith Chas. A. Hart and Arthur Leo Johnson Sworn to and subscribed before me this 13 day of June, 1960

My commission expires: 4-18-70



Chas. A. Hart
Arthur Leo Johnson
Andy Colman
Notary Public
Permit No. MARS-415-PP

SEE: 051-0757