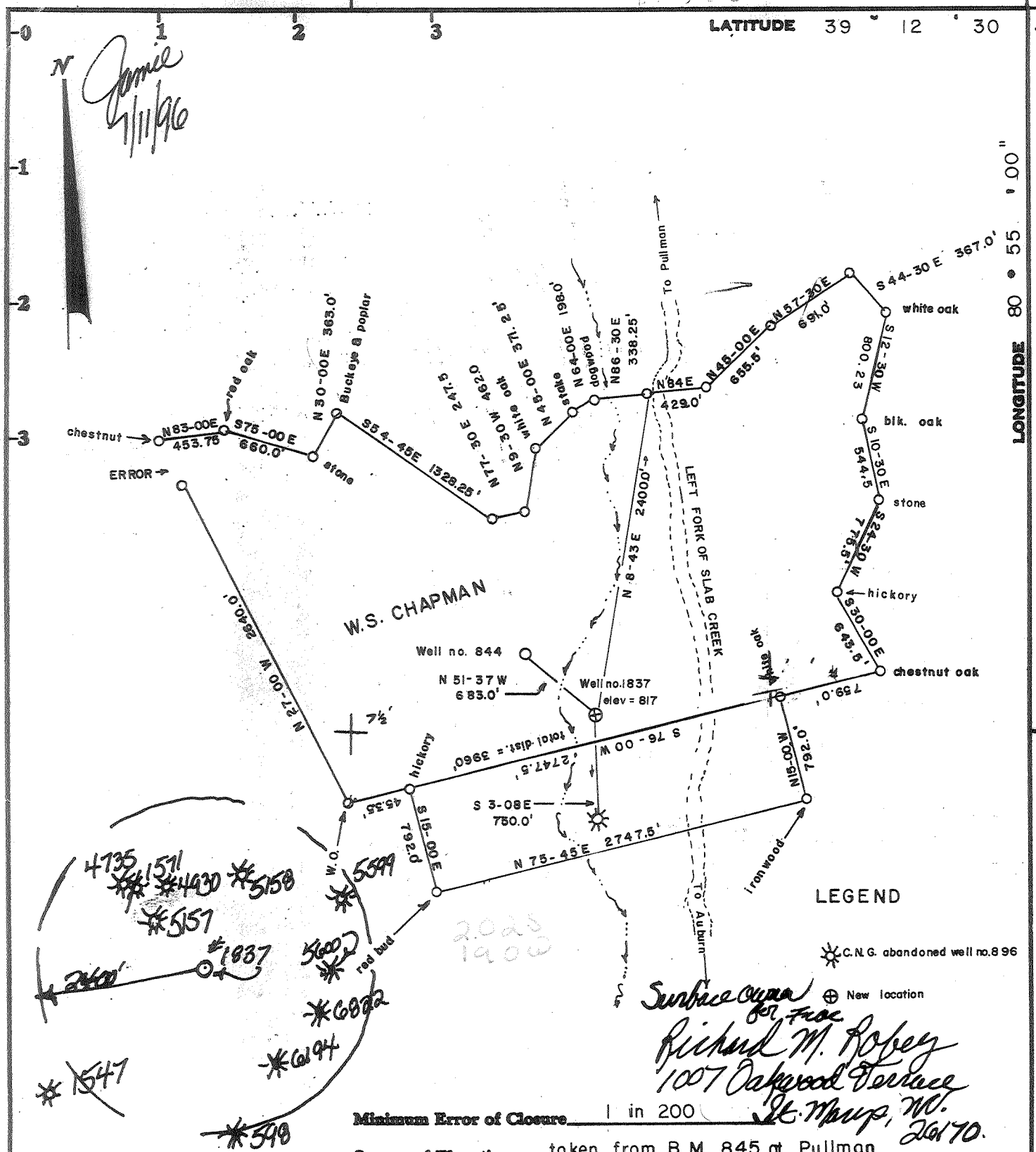


9910'

LATITUDE 39 12 30

LONGITUDE 80 55 00



LEGEND

C.N.G. abandoned well no. 896
New location

Surface area for trace
Richard M. Roney
1007 Oakwood Terrace
St. Mary, W. Va.
26170.

Minimum Error of Closure 1 in 200
Source of Elevation taken from B.M. 845 at Pullman

REVISED

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: Walter G. Gilbertson
Squares: N S E W

Map No. 55

Carnegie Natural Gas Company
800 Regis Avenue
Pittsburgh, Pa. 15236

Farm W. S. CHAPMAN

Tract _____ Acres 264 Lease No. 10050

Well (Farm) No. _____ Serial No. 1837

Elevation (Spirit Level) 817

Quadrangle PULLMAN 7 1/2

County RITCHIE District UNION

Engineer Walter G. Gilbertson

Engineer's Registration No. C.E. 5112

File No. _____ Drawing No. _____

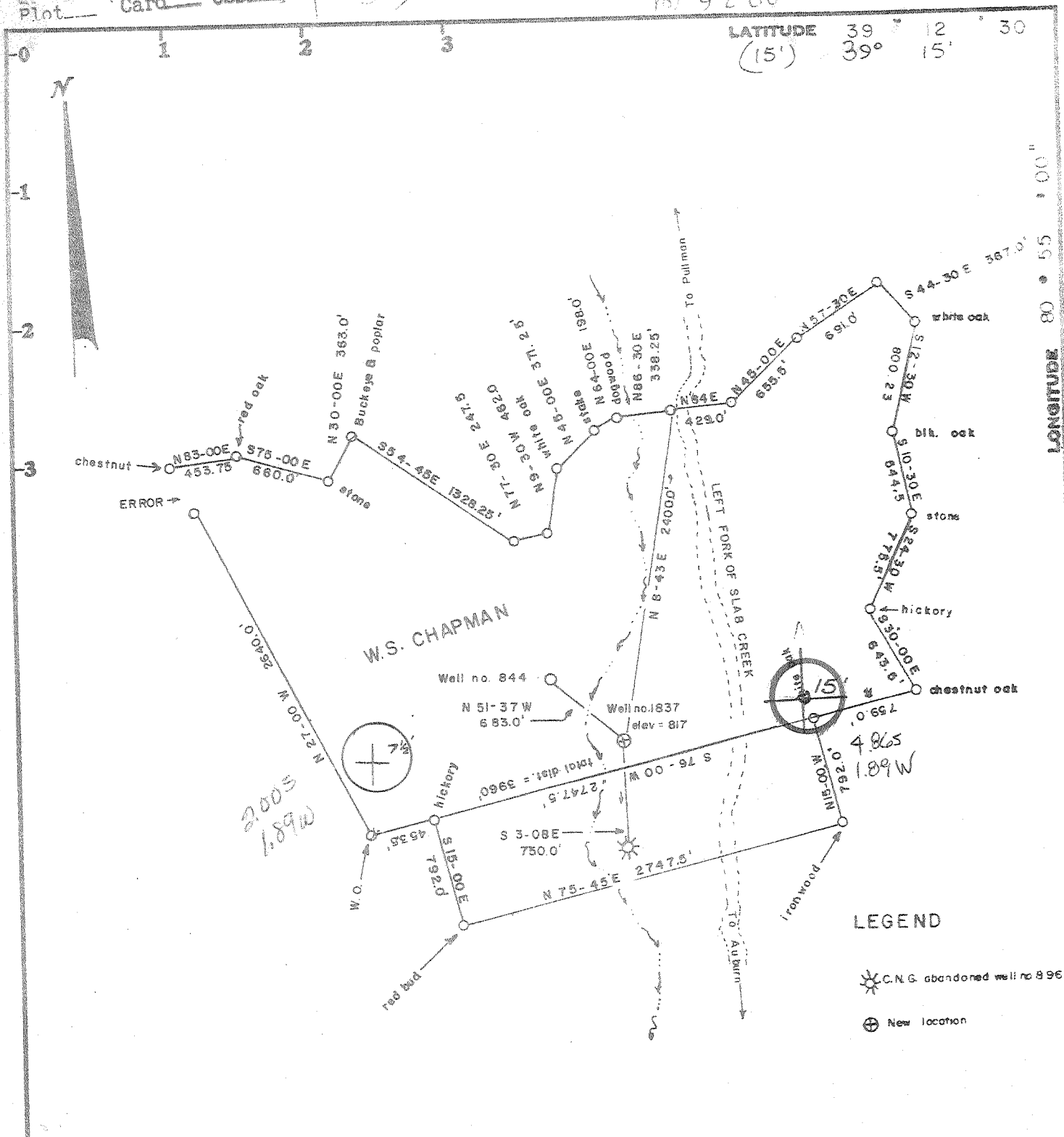
Date AUGUST 22, 1980 Scale 1" = 1000'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
NITRO, WEST VIRGINIA 25143

WELL LOCATION MAP

OPD Well No. 47-085-04890-7
Well Drilled in 1990 to 6184'
Producing from Chest, Cedar Creek
Alexander, Balltown, Bradford
& Warren. Squeezes 4 1/2" frac string
Connife
JUL 17 1996

DEEP WELL



Minimum Error of Closure 1 in 200

Sources of Elevation taken from B.M. 845 at Pullman

REVISED

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: _____
Squares: N S E W

Map No. _____

Company	CARNEGIE NATURAL GAS
Address	MUNHALL, PENN.
Farm	W. S. CHAPMAN
Tract	Acres 264 Lease No. 10050
Well (Farm) No.	Serial No. 1837
Elevation (Spirit Level)	817 OK 100 x 1.5 10/10/89
Quadrangle	PULLMAN 7 1/2' HOLEBOOK 15' NW
County	RITCHIE District UNION
Engineer	Harvey G. Gilbertson
Engineer's Registration No.	C.E. 5112
File No.	Drawing No.
Date	AUGUST 22, 1980 Scale 1" = 1000'

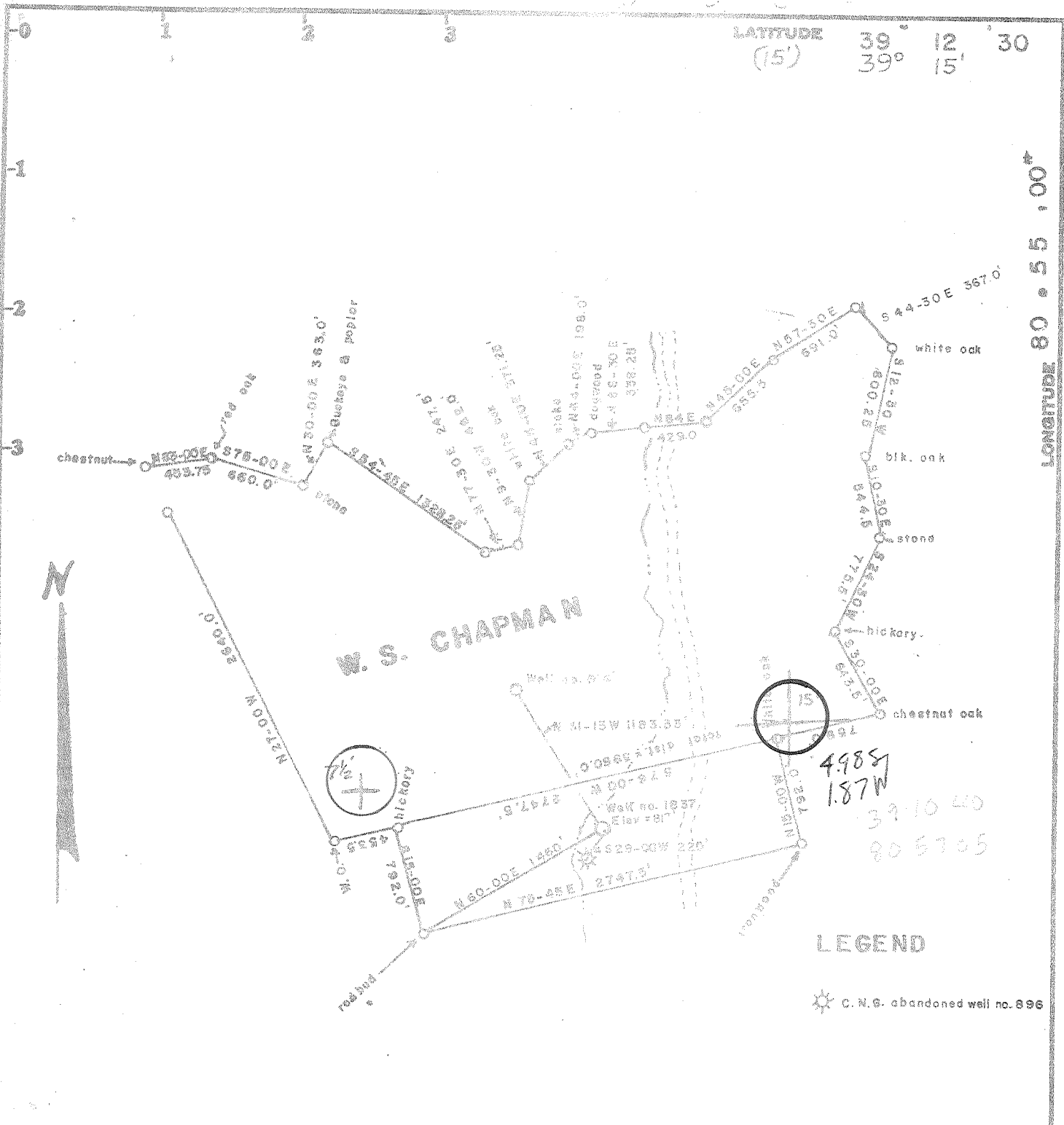
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. 085-4890 REV

+ Denotes location of well on United States Topographic Maps, scale 1 to _____, latitude and longitude lines being represented by border lines as shown.

-- Denotes one inch spaces on border line of original tracing.



LEGEND

☼ C. N. G. abandoned well no. 896

Minimum Error of Closure 1 in 200

Source of Elevation taken from B.M. 845 at Pullman

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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

- Fracture
- New Location
- Drill Deeper
- Abandonment

Signed: _____
 Map No. _____ Squares: N S E W

Company	CARNEGIE NATURAL GAS
Address	MUNHALL, PENN.
Farm	W. S. CHAPMAN
Tract	Acres 264 Lease No. 10050
Well (Farm) No.	Serial No. 1837
Elevation (Spirit Level)	817 NW
Quadrangle	Pullman 7 1/2 HOURBOOK 15'
County	Rithie District Union
Engineer	
Engineer's Registration No.	
File No.	Drawing No.
Date	JULY 3, 1980 Scale 1" = 1000'

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

WELL LOCATION MAP
 085-4890

FILE NO. _____

+ Denotes location of well on United States Topographic Maps, scale 1 to _____, latitude and longitude lines being represented by border lines as shown.

--- Denotes one inch spaces on border line of original tracing. 6500 DEVONIAN SHALE

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

Date April 16, 1981

FORM IV-35
(Obverse)

Operator's
Well No. 5-1837

[08-78]

WELL OPERATOR'S REPORT OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No. 17-085-4890
State County Permit

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 845' 817' 1100-1112 1017' 68 Watershed: Slab Creek
District: Union County: Ritchie Quadrangle: Holbrook N.W.

WELL OPERATOR Carnegie Natural Gas Company DESIGNATED AGENT W. L. Yoho
Address 3904 Main Street, Munhall, PA 15120 Address Toll Gate, WV 26142

PERMITTED WORK: Drill / Convert / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation
Other physical change in well (specify) _____

PERMIT ISSUED ON July 30, 1980 OIL & GAS INSPECTOR FOR THIS WORK:
(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name Paul Goodnight
Address Smithville, WV 26178

GEOLOGICAL TARGET FORMATION: Devonian Shale Depth 6500 feet
Depth of completed well, 6184 feet Rotary / Cable Tools
Water strata depth: Fresh, 110 feet; salt, _____ feet.
Coal seam depths: _____ Is coal being mined in the area? No
Work was commenced 9/18, 1980, and completed 11/13, 1980

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	16"			X			12'	Kinds None
Fresh water	11-3/4"			X			40'	
Coal								Sizes
Intermediate	8-5/8"			X			1588'	425 sks.
Production	4 1/2"			X			6184	950 sks
Tubing	1 1/2"			X			6124	Depths set
Liners								Perforations:
								Top Bottom

OPEN FLOW DATA

Producing formation Huntersville-Alexander-Cedar Creek Pay zone depth 4763-6081
Gas: Initial open flow, see below Mcf/d Oil: Initial open flow, _____ Mcf/d
Final open flow, _____ Mcf/d Final open flow, _____ Mcf/d
Time of open flow between initial and final tests, _____ hours
Static rock pressure, _____ psig (surface measurement) after _____ hours shut in

[If applicable for multiple completions--]

Second producing formation Bradford-Balltown-Warren Pay zone depth 3017-4220
Gas: Initial open flow, 137 Mcf/d Oil: Initial open flow, _____ Mcf/d
Final open flow, 355 Mcf/d Final open flow, _____ Mcf/d
Time of open flow between initial and final tests, _____ hours
Static rock pressure, 870 psig (surface measurement) after 64 hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Huntersville 559bbl; 38,000# sand; 1500 gal. 15% acid; 6061-6185
w/16 holes
Cedar Creek & Alexander 738 bbl; 80,000# sand; 500 gal. 15% acid; 4763-4765
4874 w/24 holes
1st. Balltown & 1st, 3rd 762bbl; 80,000# sand; 500 gal. 15% acid; 4214-4220,
Bradford 4129-4134, 3851-3853, 3604-3623, 3468-3470 w/25 holes
Warren 663bbl; 100,000# Sand; 500 gal. 15% acid; 3017-3018;
3069-3137 w/23 holes.

WELL LOG

FORMATION	Color	Hard or Soft	14 Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Clay			0	12	
Shale			12	35	
Sand			35	80	
Shale			80	85	
Red Rock			85	90	
Sand			90	175	
Red Rock			175	240	
Shale			240	525	
Red Rock			525	560	
Shale			560	745	
Red Rock			745	770	
Shale			770	935	
Sandy Shale			935	960	
Sand			960	1100	
Shale & Sand			1100	1215	
Sand			1215	1375	
Shale			1375	1530	
Sand			1530	1680	
Big Lime			1680	1739	
Big Injun			1749	1799	
Sandy Shale			1799	3770	
Sand			3770	3805	
Shale			3805	3915	
Sand			3915	4005	
Shale			4005	4500	
Sand & Shale			4500	4740	
Sand			4740	5035	
Shale			5035	5230	
Sand			5230	5335	
Shale			5335	5420	
Shale			5420	5480	
Sandy Shale			5480	6020	
Shale			6020	6115	
Lime			6115	6192	
HUNTERSVILLE				6195	L.T.D.

6195
2480
3715

(Attach separate sheets to complete as necessary)

Carnegie Natural Gas Company
Well Operator
By Herbert L. Dumas
Geologist

NOTE: Regulation 2.01(d) provides as follows:
"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 30 1980

Oil and Gas Division
OIL AND GAS WELL PERMIT APPLICATION
OIL & GAS DIVISION
DEPT. OF MINES

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

DATE July 25, 1980

Surface Owner Jay Chapman Robey Company Carnegie Natural Gas Company
 Address Pullman, West Va. 26121 Address 3901 Main Street, Marshall, Pa. 15120
 Mineral Owner Jay Chapman Robey Farm W. J. Chapman Acres 264
 Address Pullman, West Va. 26121 Location (waters) Slab Creek 817-44
 Coal Owner _____ Well No. 5-1837 Elevation 815'
 Address _____ District Union County Witchie
 Coal Operator _____ Quadrangle Holbrook W. V.
 Address _____

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 drilling. This permit shall expire if operations have not commenced by 4-11-81.

INSPECTOR TO BE NOTIFIED Goodnight
 ADDRESS _____
 PHONE 477-3660

John B. Boudette
Deputy Director - Oil & Gas Division

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 February 7, 1917 by W. S. & Jennie M. Chapman made to Carnegie Natural Gas Co. and recorded on the _____ day of _____ 19____, in Witchie County, Book 41 Page 40

_____NEW WELL _____DRILL DEEPER _____REDRILL _____FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

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 _____ day _____ 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, Carnegie Natural Gas Company

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

(Sign Name) _____
 Well Operator
 Address 3901 Main Street,
 Street _____
 of _____
 Well Operator Marshall,
 City or Town _____
Pennsylvania, 15120
 State _____

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

*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 BOARD

Sumner

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 _____
 ADDRESS _____ ADDRESS _____
 TELEPHONE _____ TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 6500' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 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			
13 - 10 <u>11-3/4"</u>	<u>30'</u>		
9 - 5/8			
8 - 5/8	<u>1900'</u>	<u>1900'</u>	<u>To surface</u>
7			
5 1/2			
4 1/2	<u>6500'</u>	<u>6500'</u>	<u>2000'</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET

APPROXIMATE COAL DEPTHS _____

IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

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.

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

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Permitting Office of Oil and Gas
Well No. Operator: CARNEGIE NATURAL GAS COMPANY 8650 (4) 562

22167

Operator's Well Number: W. S. CHAPMAN #1837 3) Elevation: 817'

Well type: (a) Oil / or Gas x /
(b) If Gas: Production x / Underground Storage /
Deep / Shallow x /

Issued 07/12/96
Expires 07/12/98

Proposed Target Formation(s): BIG INJUN

6) Proposed Total Depth: 6195 feet

7) Approximate fresh water strata depths:

8) Approximate salt water depths:

9) Approximate coal seam depths: NO COAL

10) Does land contain coal seams tributary to active mine? Yes / No x /

11) Proposed Well Work: REFRACTURE: SET TEMP PLUG, SQUEEZE CEMENT TO 1500', SET TEMP PLUGS, PERFORATE & FRACTURE THE LISTED FORMATION, REMOVE PLUG COMINGLE WITH EXISTING PRODUCTION.

CASING AND TUBING PROGRAM

ALL PIPE EXISTING IN WELL

TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT

TYPE	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	16				12	
Fresh Water	11 3/4				40	
Coal						
Intermediate	8 5/8				1588	425 sks
Production	4 1/2				6184	950 sks
Tubing						
Liners						

*Photo string
from well head*

Squeeze

PACKERS : Kind
Sizes
Depths set

For Office of Oil and Gas Use Only

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

147
19

RECEIVED

WV Division of Environmental Protection

JUN 14 1996

1) Date: MAY 22, 1996
2) Operator's well number W.S. CHAPMAN NO. 1837
3) API Well No: 47 - 085 - 4890 - F
State County Permit

Permitting Office of Oil & Gas
STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
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 RICHARD M. ROBEY
Address 1007 OAKWOOD TERRACE
ST. MARYS, WV 26170
(b) Name
Address
(c) Name
Address
6) Inspector SAMUEL HERSMAN
Address ROUTE 1 BOX 240
HARRISVILLE, WV 26362-0240
Telephone (304) - 628-3185

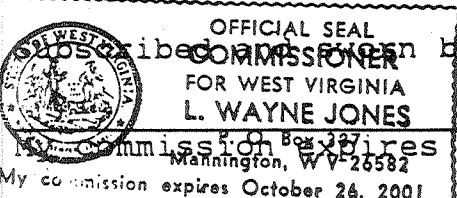
5) (a) Coal Operator:
Name NONE
Address
(b) Coal Owner(s) with Declaration
Name
Address
(c) Coal Lessee with Declaration
Name
Address

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

X 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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22 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 22-6 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 CARNEGIE NATURAL GAS COMPANY
By: Douglas R. May
Its: MANAGER OF PRODUCTION
Address P. O. BOX 387
MANNINGTON, WV 26582
Telephone 304-986-2060



before me this 31st day of MAY, 1996
L. Wayne Jones Notary Public
OCTOBER 26, 2001

**State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work**

FARM NAME Robey, Richard M. OPERATOR WELL NO. Chapman #1837
 LOCATION ELEVATION 817.00 QUADRANGLE Pullman
 DISTRICT Union COUNTY Ritchie
 LATITUDE 10600 Feet South of 39 Deg. 12 Min. 30 Sec.
 LONGITUDE 9910 Feet West of 80 Deg. 55 Min. 0 Sec.

COMPANY:	<u>CARNEGIE NATURAL GAS CO.</u> <u>800 REGIS AVENUE</u> <u>PITTSBURGH, PA 15236</u>	CASING/ TUBING SIZE	USED IN DRILLING	LEFT IN WELL	CEMENT FILL UP CU. FT.
AGENT:	<u>DOUGLAS R. NAY</u>				
INSPECTOR:	<u>Sam Hersman</u>	NO ADDITIONAL PIPE RUN			
PERMIT ISSUED:	<u>07/12/96</u>				
WELL WORK COMMENCED:	<u>12/28/96</u>	REFER TO ORIGINAL REPORT			
WELL WORK COMPLETED:	<u>01/31/97</u>				
VERBAL PLUGGING PERMISSION GRANTED ON: ROTARY _____ CABLE _____ RIG _____					
TOTAL DEPTH (FEET):					
FRESH WATER DEPTHS (FT):					
SALT WATER DEPTHS (FT):					
IS COAL BEING MINED IN AREA (Y/N) _____					
COAL DEPTHS (FT):					

OPEN FLOW DATA *Existing Cement Top at 1220'

PRODUCING FORMATION	<u>Berea & Weir</u>	PAY ZONE DEPTH (FT)	<u>2028-2170</u>
GAS INITIAL OPEN FLOW	_____ MCF/d	OIL INITIAL OPEN FLOW	_____ Bbl/d
FINAL OPEN FLOW	<u>Commingled</u> 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	<u>Big Injun</u>	PAY ZONE DEPTH (FT)	<u>1766-1778</u>
GAS INITIAL OPEN FLOW	_____ MCF/d	OIL INITIAL OPEN FLOW	_____ Bbl/d
FINAL OPEN FLOW	<u>Commingled</u> MCF/d	FINAL OPEN FLOW	_____ Bbl/d
TIME OF OPEN FLOW BETWEEN INITIAL AND FINAL TESTS		_____ HOURS	
STATIC ROCK PRESSURE	<u>510</u> Psig	(SURFACE PRESSURE) AFTER	<u>48</u> 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: CARNEGIE NATURAL GAS COMPANY
 BY: Douglas R. Nay
 DATE: 7/18/97

JUL 25 1997

Recompletion Data:

Set Bridge Plug @ 2250'

1st Stage:

Perforated Berea & Weir (2028'-2170', 14 shots)

Fractured with Energized Water, 500 gal 15% HCL, 5,000# 80/100 sand, 25,000# 20/40 sand, 457 BBLS TF, 41,000 SCF N₂, BD 2052 psi, MP 2595, ATP 2273 ISIP 1415 psi

2nd Stage:

Set Big Mouth Frac Plug @ 1850'

Perforated Big Injun (1766-1778, 12 shots)

Fractured with Energized Water, 500 gal 15% HCL, 30,000# 20/40 sand, 399 BBLS TF, 70,000 SCF N₂, BD 3219 psi, MP 3219, ATP 2494 ISIP, 1882 psi

Flowed well back drilled out frac plugs to original TD