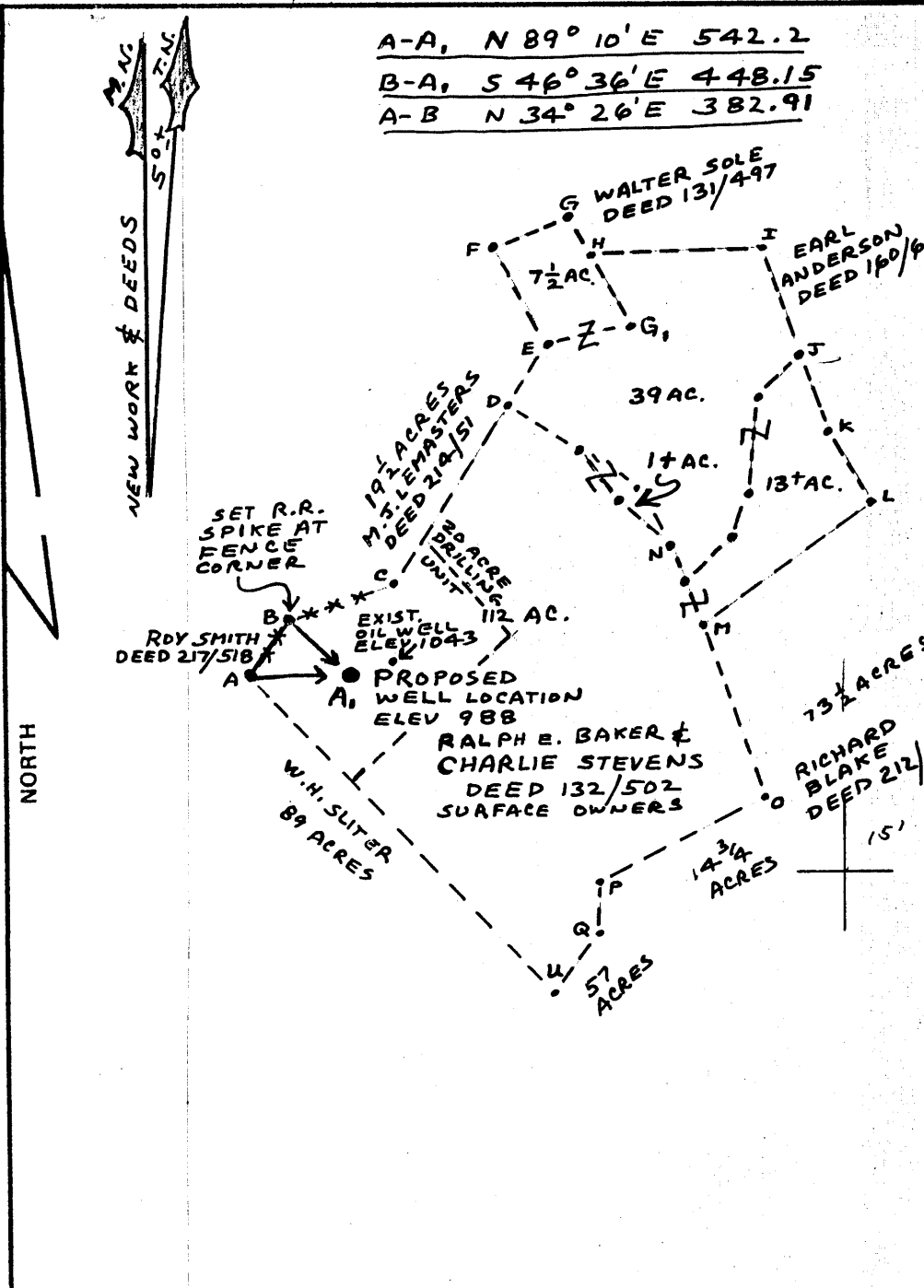


A-A, N 89° 10' E 542.2
B-A, S 46° 36' E 448.15
A-B, N 34° 26' E 382.91

LATITUDE 39° 27' 30" ↑
A-B N 34° 26' E 382.91
B-C N 71° 00' E 643.5
C-D N 32° 30' E 1221.0
D-E N 32° 30' E 429.0
E-F N 28° 30' W 656.7
F-G N 67° 00' E 478.5
G-G, S 30° 00' E 717.75
H-I N 88° 00' E 973.5
I-J S 18° 30' E 643.5
J-K S 20° 00' E 445.5
K-L S 31° 00' E 474.37
L-M S 54° 30' W 1122.0
N-O S 20° 00' E 1509.75
O-P S 63° 00' W 1056.0
P-Q S 3° 30' W 290.4
Q-R S 37° 00' W 412.5
R-A N 43° 00' W ----

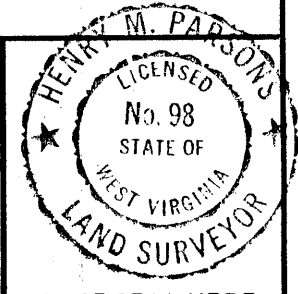
LONGITUDE 80° 57' 30" ← / 10350

80° 55'



FILE NO. 79-5453
DRAWING NO. 79-5453-F
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1' IN 2500
PROVEN SOURCE OF ELEVATION 772 B.M. AT VILLAGE OF WICK ON MIDDLEBOURNE TOPO MAP

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) Henry M. Parsons
R.P.E. _____ L.L.S. 98



PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6 (8-78)



DATE DEC. 18, 1980
OPERATOR'S WELL NO. STEVENS #1
API WELL NO. 47-TYLER-0891
STATE _____ COUNTY _____ PERMIT _____

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Cancelled

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 988 WATER SHED RUSH FORK
DISTRICT MEADE COUNTY TYLER
QUADRANGLE MIDDLEBOURNE, W.V.A.
SURFACE OWNER CHARLIE STEVENS & R.E. BAKER ACREAGE (174 1/8) 20 ACRE DRILLING UNIT
OIL & GAS ROYALTY OWNER STEVENS & BAKER LEASE ACREAGE 174 1/8
LEASE NO. STEVENS #1
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

FEB 9 1987

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION FIFTH SAND ESTIMATED DEPTH 3500
WELL OPERATOR W. J. LYDIC DESIGNATED AGENT GLENN Mc QUATE
ADDRESS 411 WOODLAWN AVE. ZANESVILLE, OHIO 43701 ADDRESS 1403 9TH ST. VIENNA, W.V.A.

A-A, N 89° 10' E 542.2

B-A, S 46° 36' E 448.15

A-B, N 34° 26' E 382.91

LATITUDE 39° 27' 30"

A-B N 34° 26' E 382.91

B-C N 71° 00' E 643.5

C-D N 32° 30' E 1221.0

D-E N 32° 30' E 429.0

E-F N 28° 30' W 656.7

F-G N 67° 00' E 478.5

G-G, S 30° 00' E 717.75

H-I N 88° 00' E 973.5

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J-K S 20° 00' E 445.5

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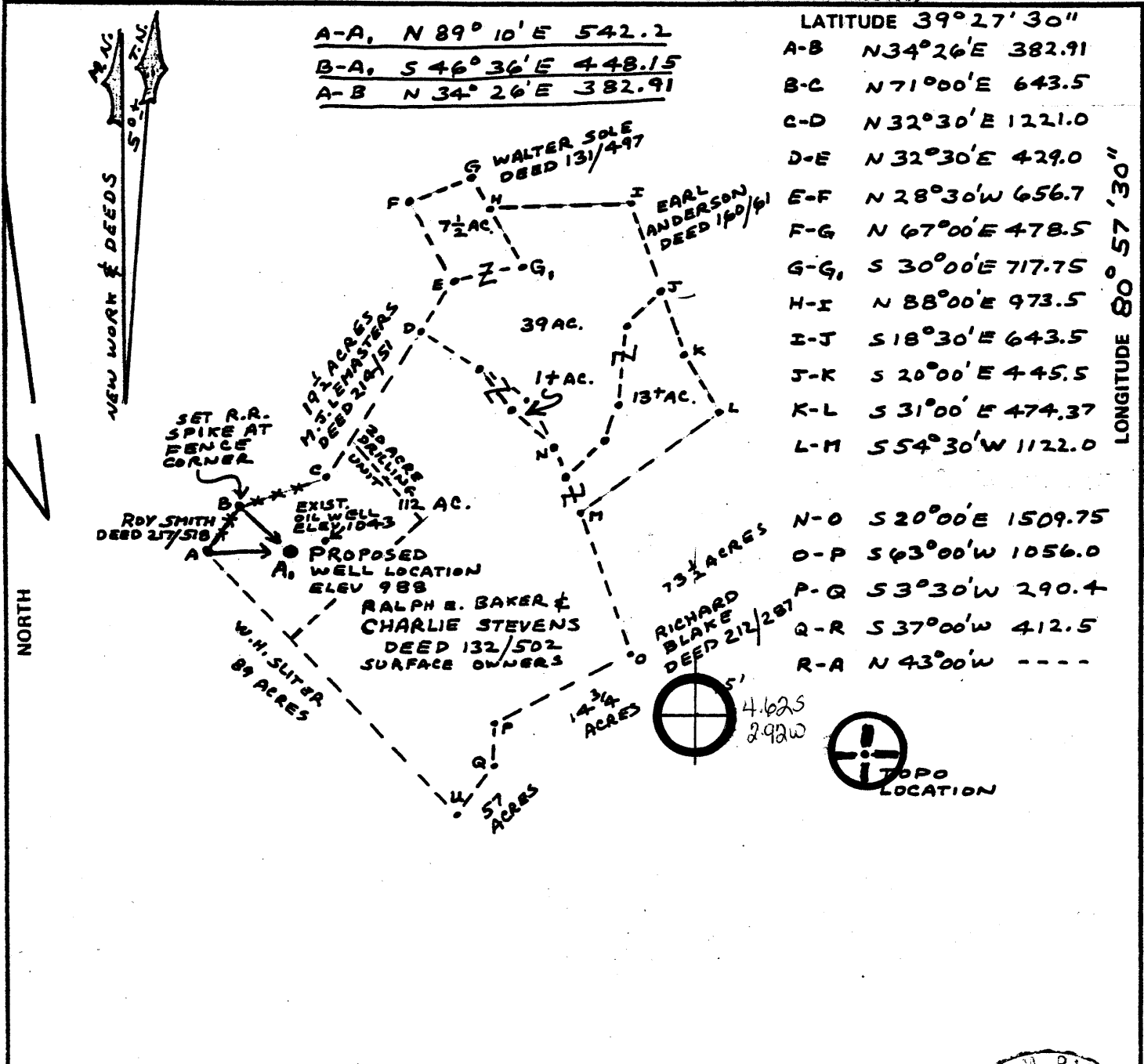
P-Q S 3° 30' W 290.4

Q-R S 37° 00' W 412.5

R-A N 43° 00' W - - - -

LONGITUDE 80° 57' 30"

80° 55'



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 DRAWING NO. 79-5453-F
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 MINIMUM DEGREE OF ACCURACY 1' IN 2500
 PROVEN SOURCE OF ELEVATION 772 B.M. AT VILLAGE OF WICK ON MIDDLEBOURNE TOPO MAP

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) Henry M. Parsons
 R.P.E. _____ L.L.S. 98

HEM V. PARSONS
 LICENSED
 No. 98
 STATE OF WEST VIRGINIA
 LAND SURVEYOR
 PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE DEC. 18, 1980
 OPERATOR'S WELL NO. STEVENS #2
 API WELL NO. 47-TYLER-0891
 STATE _____ COUNTY _____ PERMIT _____

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 988 WATER SHED RUSH FORK
 DISTRICT MEADE COUNTY TYLER
 QUADRANGLE MIDDLEBOURNE, W.V.A. West Union NW
 SURFACE OWNER CHARLIE STEVENS & R.E. BAKER ACREAGE (174 1/8) 20 ACRE DRILLING UNIT
 OIL & GAS ROYALTY OWNER STEVENS & BAKER LEASE ACREAGE 174 1/8
 LEASE NO. STEVENS #2
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION FIFTH SAND ESTIMATED DEPTH 3500
 WELL OPERATOR W. J. LYDIC DESIGNATED AGENT GLENN Mc QUATE
 ADDRESS 411 WOOD LAWN AVE. ADDRESS 1403 9TH ST.
ZANESVILLE, OHIO 43701 VIENNA, W.V.A.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

DEC 23 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE December 22, 1980

Surface Owner John and Louise Stevens
Address Rt 1, Middlebourne, W. Va.

Company W. J. Lydic, Inc.
Address P. O. Box 2310, Zanesville, Ohio

Mineral Owner Same as above
Address Same as above

Farm John & Louise Stevens Acres 174

Coal Owner Same as above
Address Same as above

Location (waters) _____

Well No. 1 Elevation _____

Coal Operator _____
Address _____

District Meade County Tyler

Quadrangle Middlebourne

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 8-31-81.

INSPECTOR
TO BE NOTIFIED Phillip Lee Tracy

ADDRESS Box 173, Middlebourne, W. Va.

PHONE 758-4573

J. G. Murray
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 Oct 25 19 79 by John and Louise Stevens made to W. J. Lydic, Inc. and recorded on the 4th day of Dec. 1979 in Tyler County, Book 222 Page 368

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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

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

Address
of
Well Operator

Very truly yours, W. J. LYDIC INC.
(Sign Name) James C. Lydic vice Pres
Well Operator

P. O. Box 2310
Street
Zanesville, Ohio 43701
City or Town
State

*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.

GLANNET BOND

47-095-0891 PERMIT NUMBER

THIS IS A ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME Glenn McQuate
 ADDRESS _____ ADDRESS 1403 9th St, Vienna, W. Va.
 TELEPHONE _____ TELEPHONE 304-295-7530
 ESTIMATED DEPTH OF COMPLETED WELL: 3500 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Fifth Sand
 TYPE OF WELL: OIL X GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT LEFT UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	250'	250'	C.T.S.
7			
5 1/2			
4 1/2	3500' or Total D.	3500'	350 Sks at 20' depth
3			Perf. Top by rule 15.01
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? _____ 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.

O 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