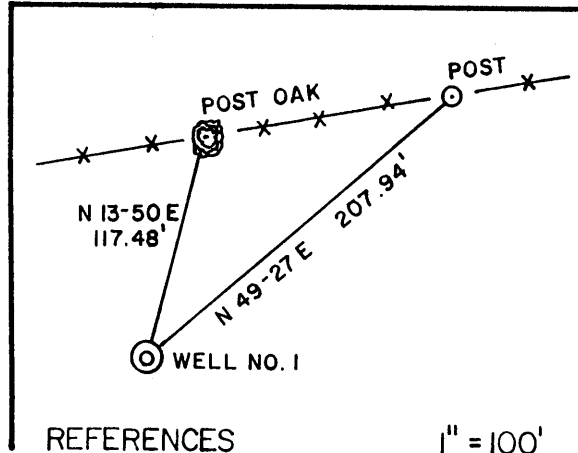
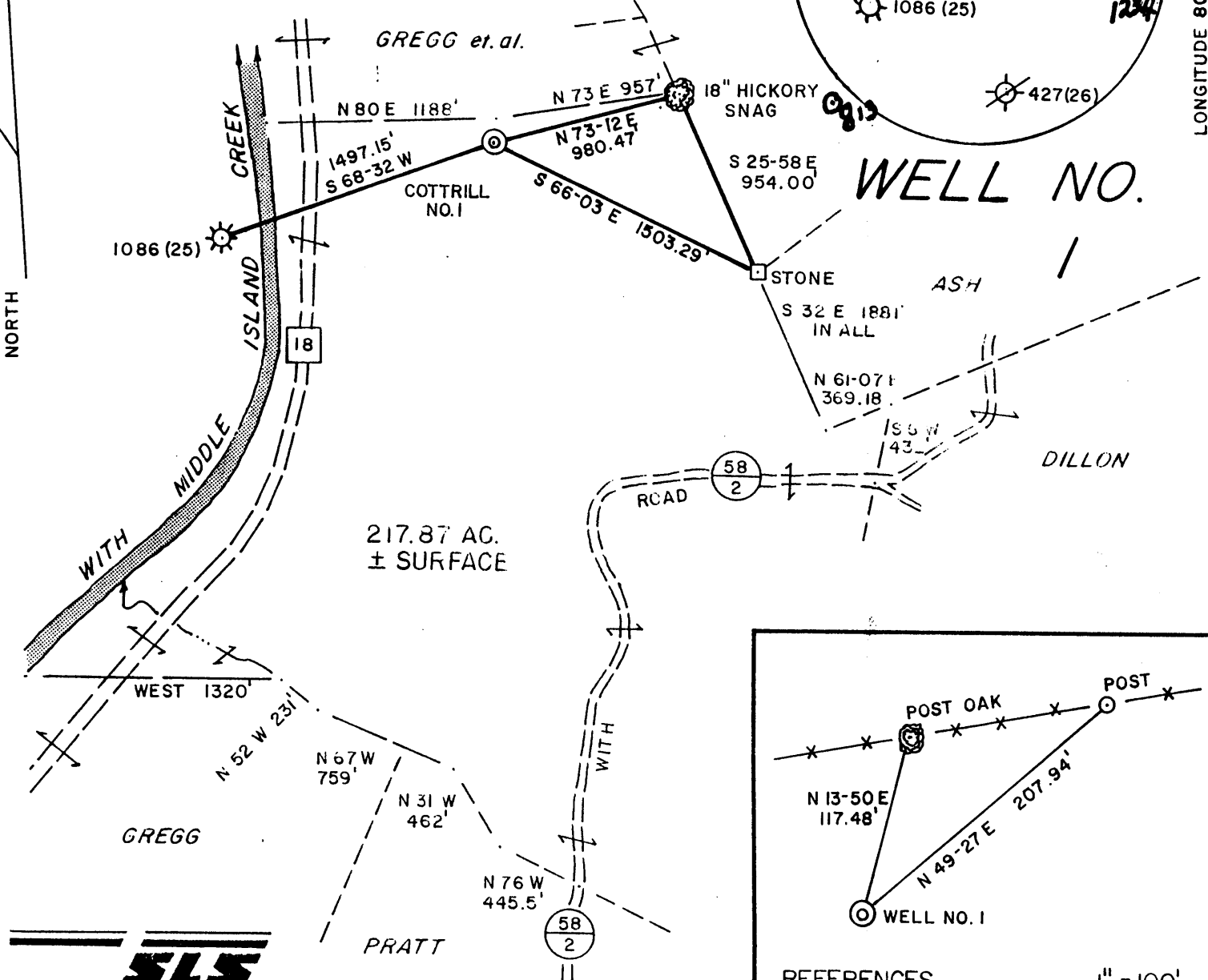
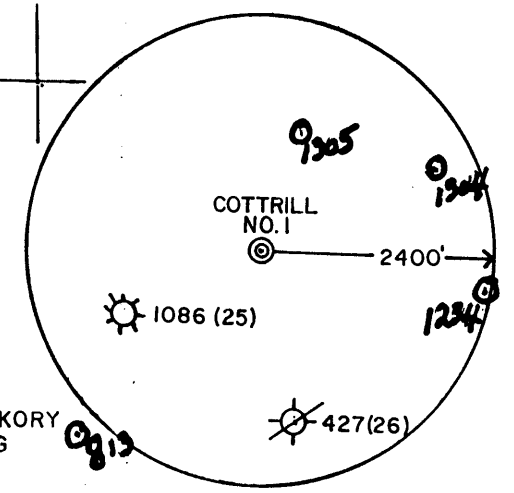
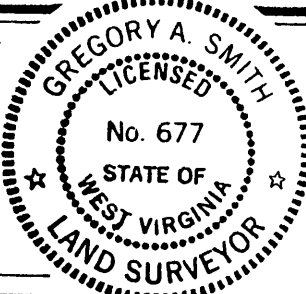


Done 7/3/89
COTTRILL LEASE
290.25 AC. ± TOTAL



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 ENERGY.



L.L.S. *Gregory A. Smith*
 677

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 23, 19 89
 OPERATORS WELL NO. COTTRILL NO. 1
 WVTYL000901
 API WELL NO. 47 - 095 - 1312
 STATE COUNTY PERMIT
Cancelled

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2092 (28-23)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 996' SCALE 1"=800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID WASTE IF
 INJECTION ___ DISPOSAL ___ "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 738' WATERSHED MIDDLE ISLAND CREEK
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE WEST UNION 7.5'
 SURFACE OWNER MARY E. ROBERTS & MARY J. KAHLER ACREAGE 217.87
 ROYALTY OWNER JACOB C. COTTRILL et. al. LEASE ACREAGE 217.87 OF 290.25
 PROPOSED WORK: LEASE NO. WVOI784-1
 DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD
 FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION BENSON
 ESTIMATED DEPTH 4800'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX N GLENVILLE, WV. 26351 ADDRESS 501 56th. ST. CHARLESTON, WV. 25304

S75

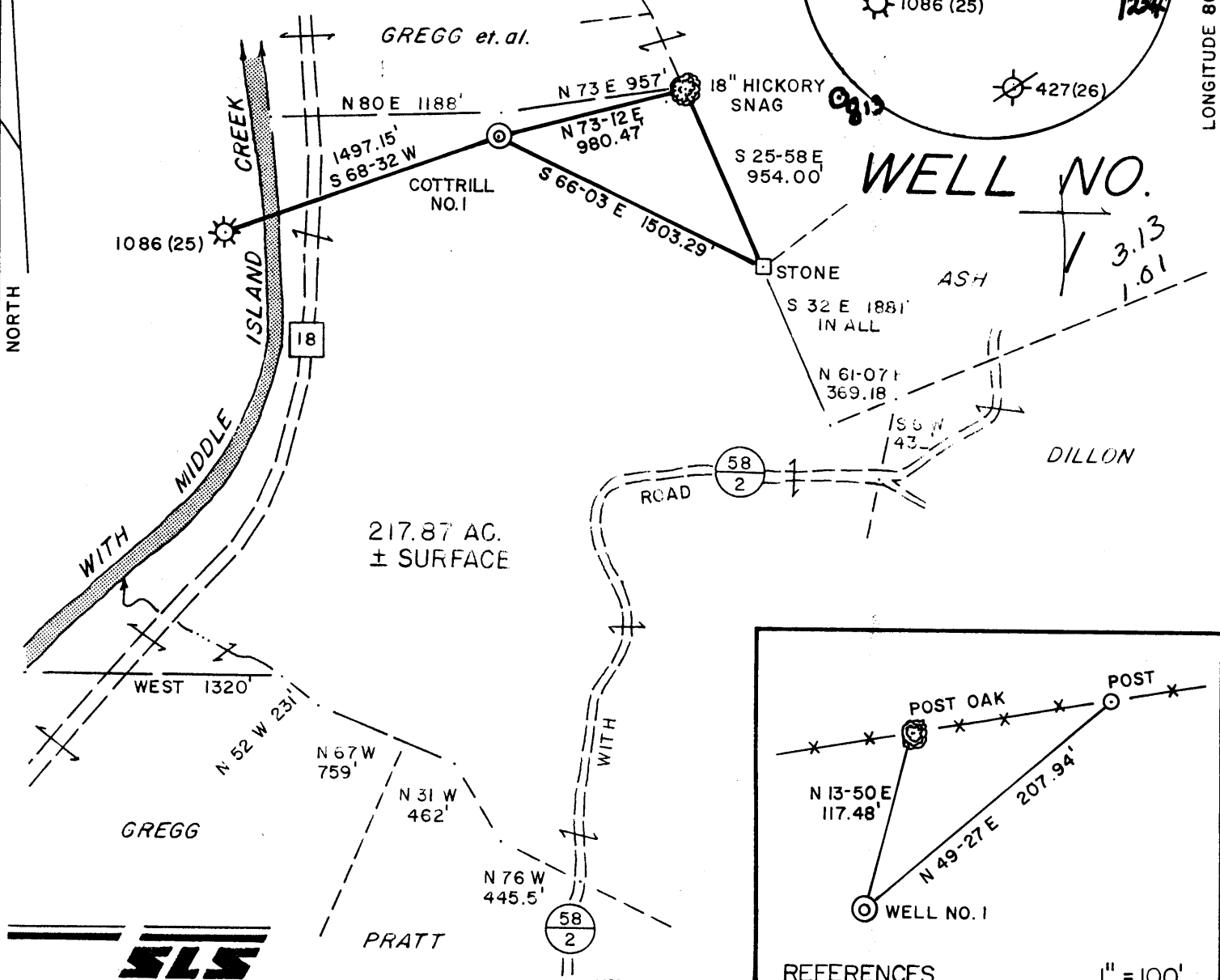
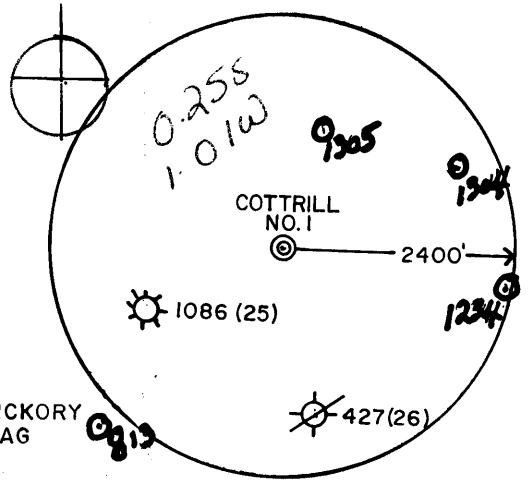
COUNTY NAME PERMIT

LATITUDE 39-22-30

LONGITUDE 80-50-00

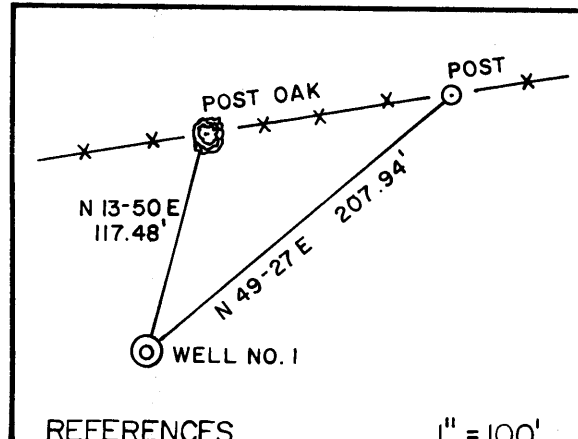
COTTRILL LEASE 290.25 AC. ± TOTAL

Janie 7/3/89



WELL NO.

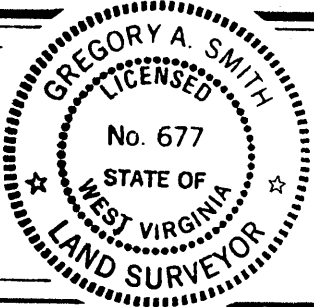
3.13
1.01



REFERENCES 1" = 100'

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 ENERGY.

L.L.S. *Gregory A. Smith*
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 23, 19 89
 OPERATORS WELL NO. COTTRILL NO. 1
 WVTYLO00901
 API WELL NO. 47 - 095 - 1312
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2092 (28-23)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 996' SCALE 1"=800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 738' WATERSHED MIDDLE ISLAND CREEK
 DISTRICT CENTERVILLE 1 COUNTY TYLER QUADRANGLE WEST UNION 7.5' 671
 SURFACE OWNER MARY E. ROBERTS & MARY J. KAHLER ACREAGE 217.87 153
 ROYALTY OWNER JACOB C. COTTRILL et. al. LEASE ACREAGE 217.87 OF 290.25 5
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___
 PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION BENSON
 ESTIMATED DEPTH 4800'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI JUL 21 1989
 ADDRESS BOX N GLENVILLE, WV. 26351 ADDRESS 501 56th. ST. CHARLESTON, WV. 25304

575

259

095-1312
 issued 7/19/89 Expires 7/19/91

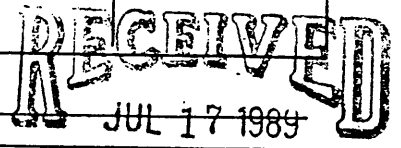
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: Eastern American Energy Corporation
- 2) Operator's Well Number: COTTRILL #1 - WVTYL000901 3) Elevation: 738'
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): Benson
- 6) Proposed Total Depth: 4800 feet
- 7) Approximate fresh water strata depths: 70'
- 8) Approximate salt water depths: 1200'
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill and complete new well.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
<u>HR</u> Conductor	11"	F-25	37.5	120'	120'	C.T.S.
Fresh Water	8 5/8"	J-55	20.0	1265'	1265'	C.T.S.
Coal						38CSR18-11.3
Intermediate						38CSR18-11.2 2
Production	4 1/2"	J-55	10.5	4720'	4720'	38CSR18-11.1
Tubing	1 1/2"	H-40	2.75			
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____



For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

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

RECEIVED JUN 28 1989

Page 1 of Form WW2-A (09/87) File Copy

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

1) Date: June 26, 1989
2) Operator's well number COTTRILL #1 - WVTYL000901
3) API Well No: 47 - 095 - 1312 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 Mary E. Roberts & Mary J. Kahl Address Middlebourne, WV 26149
5) (a) Coal Operator: Name None Address
(b) Coal Owner(s) with Declaration Name Address
(c) Coal Lessee with Declaration Name Address
6) Inspector Glen P. Robinson Address Rt. 1, #6 Mt. Pleasant Est. Mineralwells, WV 26150 Telephone (304)-489-9162

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 XX 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 8 on the above named parties, by: Personal Service (Affidavit attached) XX 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 Eastern American Energy Corporation By: John M. Paletti Its: Designated Agent Address P.O. Box N Glenville, WV 26351 Telephone (304) 462-5781

Subscribed and sworn before me this 26th day of June, 1989

My commission expires July 2, 1996 Notary Public