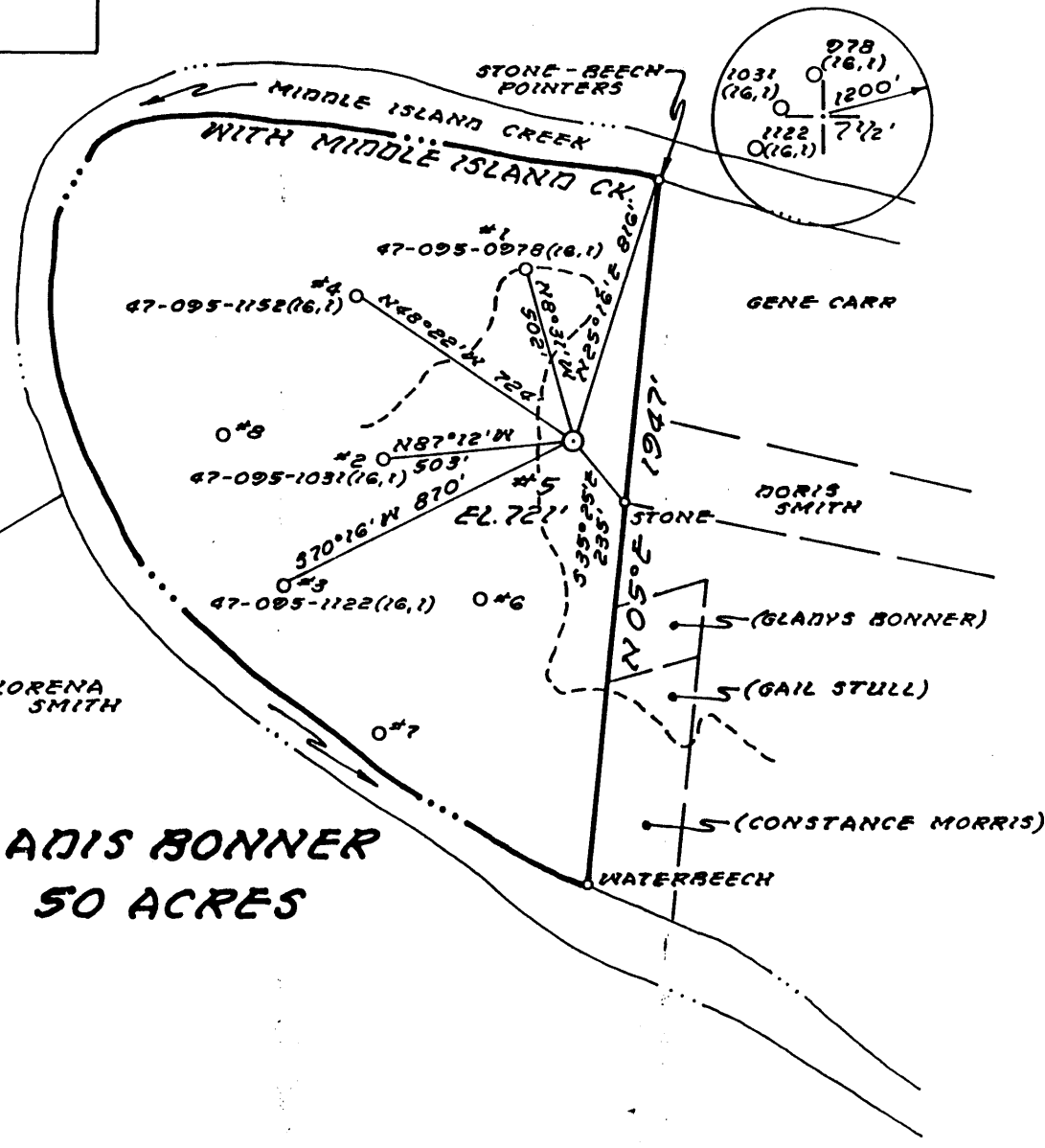
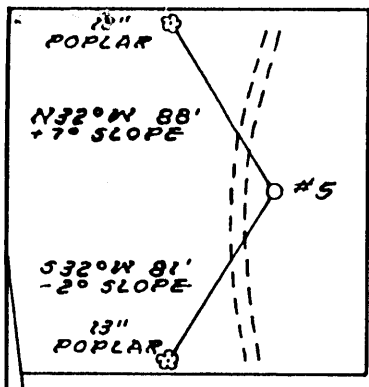


3980'

LATITUDE 39° 27' 30"

LONGITUDE 81° 00'

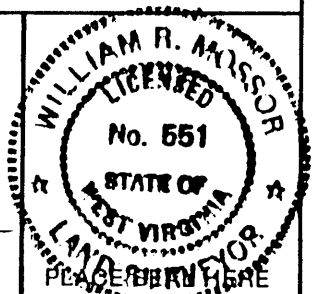


**GLADIS BONNER
50 ACRES**

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

FILE NO. M81-9, 12-849
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION 47-095-0978 (BONNER #1) 749'

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.
 (SIGNED) William R. Messor
 R.P.E. _____ L.L.S. 551



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE 10 FEBRUARY, 19 87
 OPERATOR'S WELL NO. 5
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 721' WATERSHED MIDDLE ISLAND CREEK
 DISTRICT UNION COUNTY TYLER
 QUADRANGLE BENS RUN 7 1/2'
 SURFACE OWNER GLADIS BONNER ESTATE ACREAGE 50
 OIL & GAS ROYALTY OWNER GLADIS BONNER ESTATE LEASE ACREAGE 50
 LEASE NO. _____

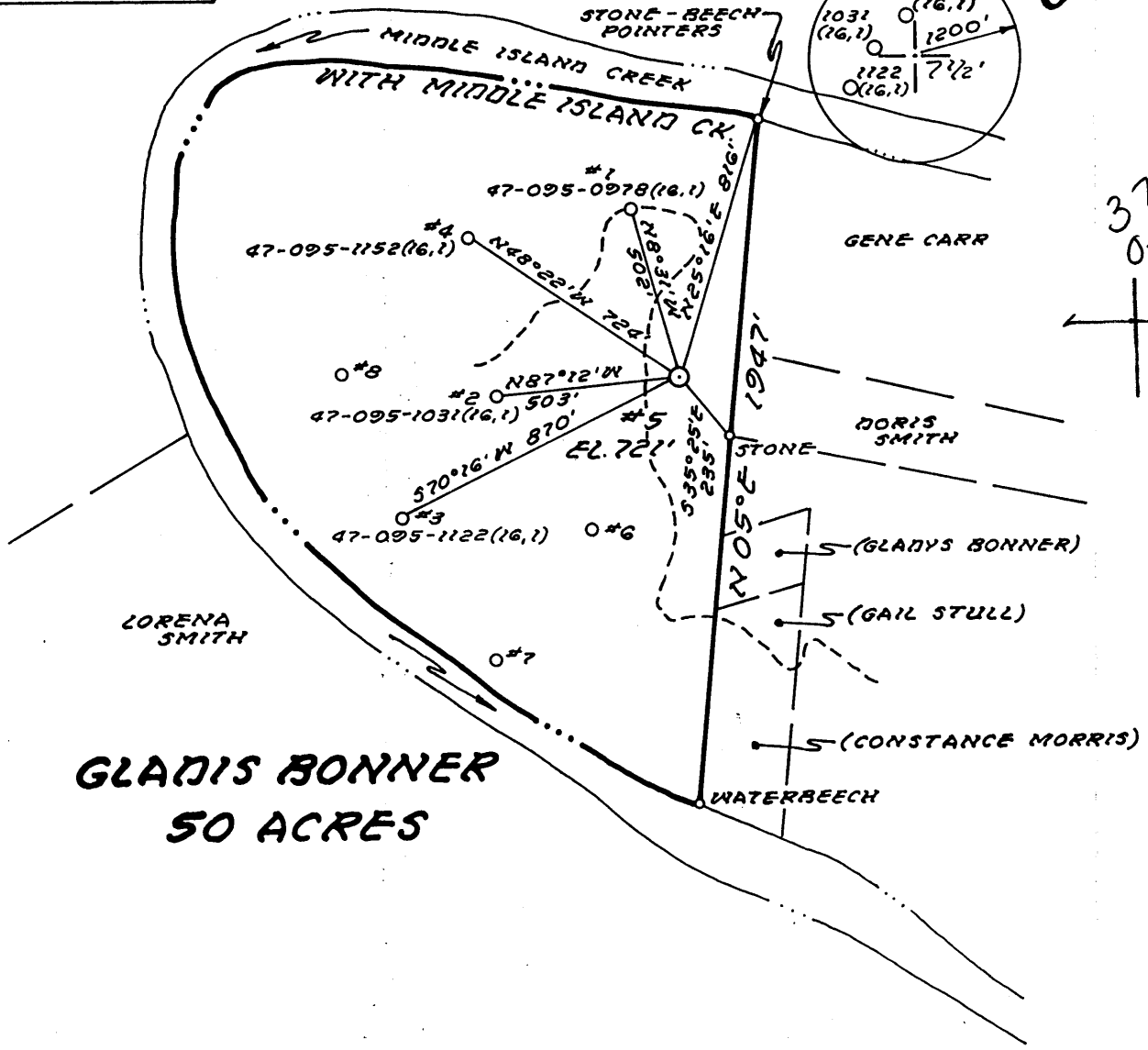
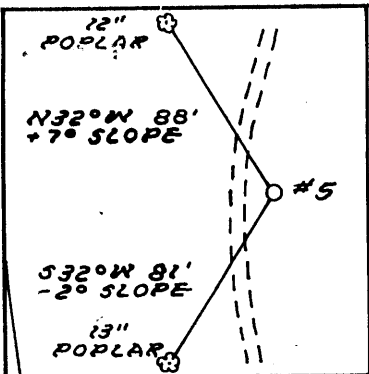
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5990' JAN 25 1988
 WELL OPERATOR TRANS-CAPITAL INVEST. GROUP DESIGNATED AGENT BARRY D HAUGHT
 ADDRESS SUITE 601, 501 E. KENNEDY BLVD. TAMPA, FLA 33602 ADDRESS ROUTE 3, BOX 14 SMITHVILLE, WV 26178

COUNTY NAME TYLER
 PERMIT 1182

LATITUDE 39°27'30"

LONGITUDE 81°00'

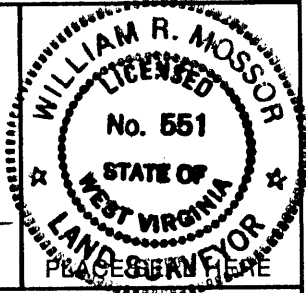


0.85
0.75
3735
0.75W

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

FILE NO. M81-9, 12-849
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION 47-095-0978 (BONNER#1) 749'

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.
 (SIGNED) William R. Mossor
 R.P.E. _____ L.L.S. 551



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE 10 FEBRUARY, 19 87
 OPERATOR'S WELL NO. 5
 API WELL NO. 47-095-1182
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 721' WATER SHED MIDDLE ISLAND CREEK
 DISTRICT UNION 6 COUNTY TYLER
 QUADRANGLE BENS RUN 7 1/2' 241 060 3
 SURFACE OWNER GLADIS BONNER ESTATE ACREAGE 50
 OIL & GAS ROYALTY OWNER GLADIS BONNER ESTATE LEASE ACREAGE 50

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 MARCELLUS ESTIMATED DEPTH 5990'
 WELL OPERATOR TRANS-CAPITAL INVEST. GROUP DESIGNATED AGENT BARRY O HAUGHT
 ADDRESS SUITE 601, 501 E. KENNEDY BLVD. ADDRESS ROUTE 3, BOX 14 SMITHVILLE, WV 26178
TAMPA, FLA 33602

FORM WW-6 H.T. HALL 48673

COUNTY NAME PERMIT

RECEIVED
APR 15 1987



1) Date: March 30, 1987
 2) Operator's Well No. Bonner #5
 3) API Well No. 47 095 1182
 State County Permit

STATE OF WEST VIRGINIA
 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
 DEPARTMENT OF ENERGY **APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil XX / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow XX /)
- 5) LOCATION: Elevation: 721' Watershed: Middle Island Creek
 District: Union County: Tyler 095 Quadrangle: Bens Run 241
- 6) WELL OPERATOR Trans-Capital Investment Group CODE: 49565 7) DESIGNATED AGENT Barry D. Haught
 Address Suite 601; 501 E. Kennedy Blvd. Address Route 3, Box 14
Tampa, Florida 33602 Smithville, WV 26178
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert Lowther 9) DRILLING CONTRACTOR:
 Name Falls Mills Drilling & Completion Service
 Address General Delivery Address 101 E. Madison Street
Middlebourne, WV 26149 Paden City, WV 26159
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate XX /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 12) Estimated depth of completed well, 5990' feet
 13) Approximate trata depths: Fresh, 800' feet; salt, 600' feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No XX /

15) 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 | Left in well | | Kinds | |
| Conductor | 10 3/4" | | | | | 350' | | CTS | Kinds | NEAT |
| Fresh water | | | | | | | | | Sizes | |
| Coal | | | | | | | | | | |
| Intermediate | 7" | | | | | 1500' | | CTS | | |
| Production | | | | | | 5990' | 5990' | 450 sacks | Depths set | or as req. by rule 15.01 |
| Tubing | | | | | | | | | Perforations: | |
| Lin. | | | | | | | | | Top | Bottom |

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-095-1182 Date April 17 19 87

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires April 17, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

| | | | | | | | |
|---|------------------|-----------------|-------------------|-----------------|-----------------|----------------|-------------------|
| Bond: <input checked="" type="checkbox"/> | Agent: <u>MW</u> | Plat: <u>AS</u> | Casing: <u>AS</u> | Fee: <u>103</u> | WPCP: <u>AS</u> | SEE: <u>AS</u> | Other: <u>RAI</u> |
|---|------------------|-----------------|-------------------|-----------------|-----------------|----------------|-------------------|

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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]
 Director, Division of Oil and Gas File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.