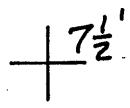
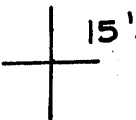


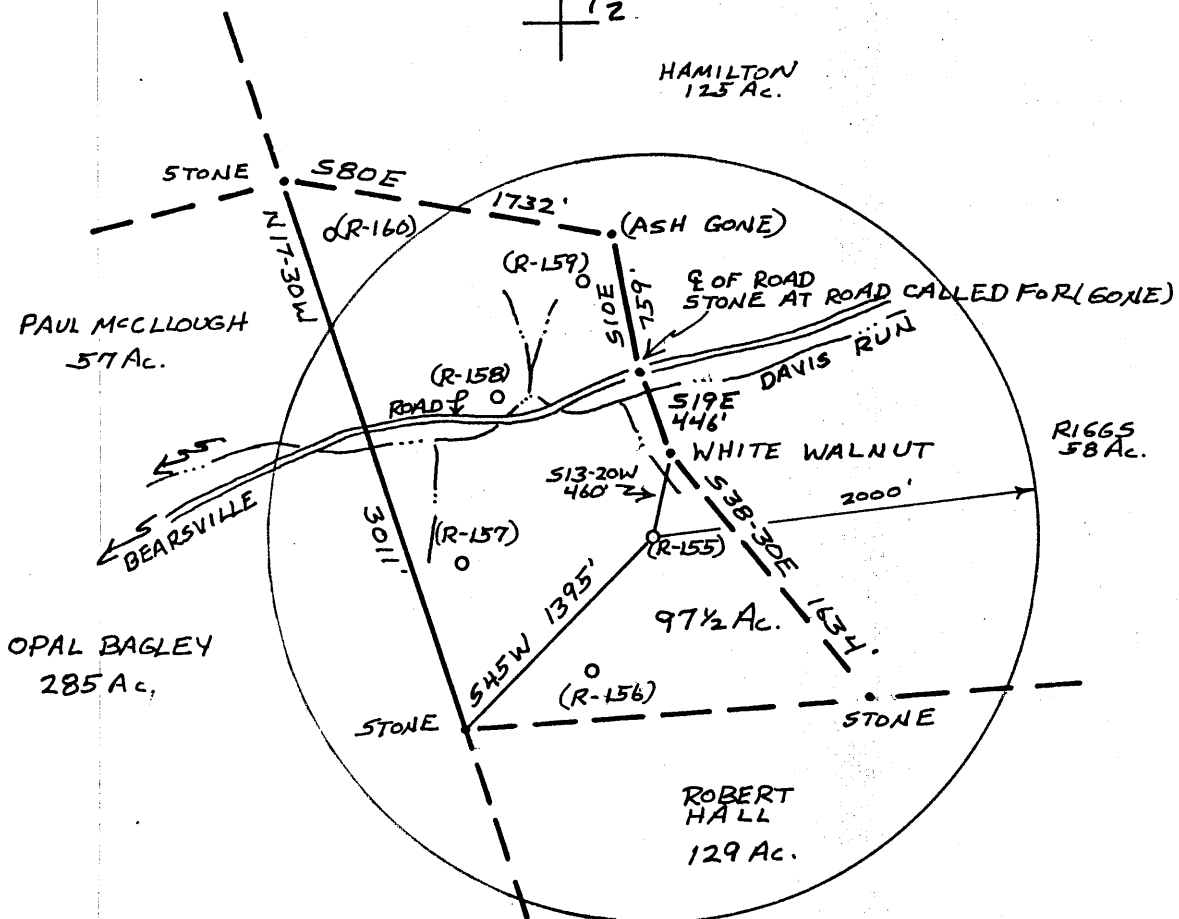
7/20/79

LATITUDE 39° 25'

2970 SOUTH
8410 WEST



(15) 80° 50'
80° 52 1/2'



FILE NO. _____
DRAWING NO. _____
SCALE 1"=1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION HIGH POINT ELEV. 1190'

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) William R. Messer
R.P.E. _____ L.L.S. 551

PLACE SEAL HERE

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



DATE 15 JUNE 1979
OPERATOR'S WELL NO. R-155
API WELL NO. 47-095-0717
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Cancelled

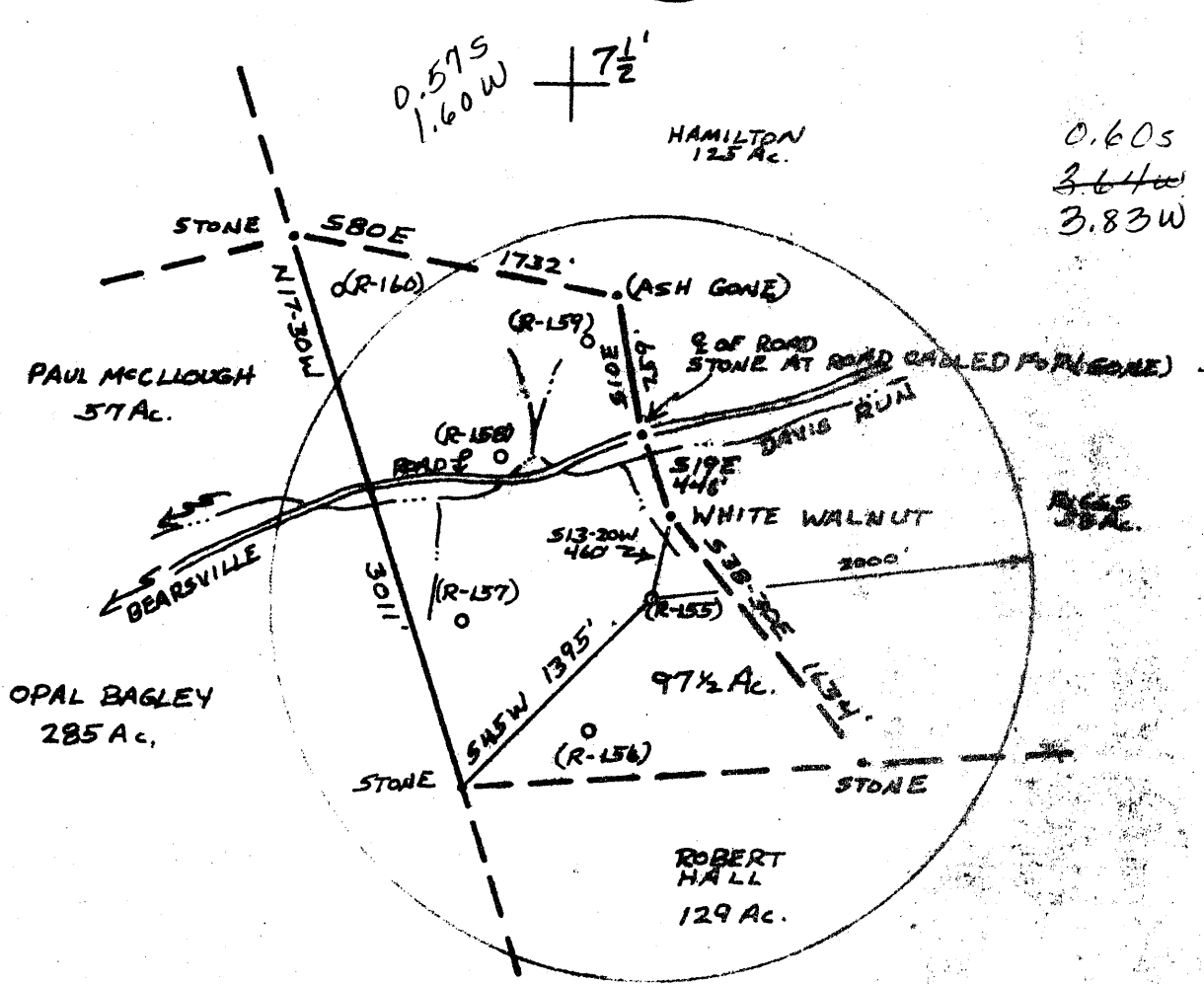
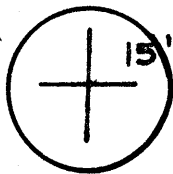
WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 1015' WATER SHED DAVIS RUN OF SANCHO CREEK
DISTRICT CENTERVILLE COUNTY TYLER
QUADRANGLE MIDDLEBOURNE, W.VA. 7 1/2' QUAD. WEST UNION 7 1/2'
SURFACE OWNER E.O. McCULLOUGH ACREAGE 97 1/2
OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE _____
LEASE NO. _____
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ ESTIMATED DEPTH 3100' FEB 9 1987
TARGET FORMATION UPPER DEVONIAN
WELL OPERATOR C.W. RIGGS, INC. DESIGNATED AGENT C.W. RIGGS
ADDRESS Box 358, ST. MARYS, W.VA. 26170 ADDRESS Box 358, ST. MARYS, W.VA. 26170

3100'

LATITUDE 39° 25'

2970 SOUTH
8410 WEST



(15') 80° 50'
LONGITUDE 80° 52 1/2'

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION HIGH POINT ELEV. 1190'

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) *William C. Hoover*
R.P.E. _____ L.L.S. 55/

PLACE SEAL HERE

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



DATE 15 JUNE 1979
OPERATOR'S WELL NO. R-155
APR WELL NO. 47-095
STATE COUNTY PERMIT 0717

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 1015' WATER SHED DAVIS RUN OF SANCHO CREEK
DISTRICT CENTERVILLE COUNTY TYLER
QUADRANGLE MIDDLEBOURNE, W.VA. 7 1/2' QUAD, WEST UNION 7 1/2'
SURFACE OWNER E.O. McCULLOUGH ACRES 97 1/2
OIL & GAS ROYALTY OWNER SAME LEASE ACRES _____
LEASE NO. _____
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ REGRAB NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON _____ CLEAN OUT AND REGRAB _____
TARGET FORMATION UPPER DEVONIAN ESTIMATED DEPTH 2100' AUG 10 1979
WELL OPERATOR C.W. RIGGS, INC. DESIGNATED AGENT C.W. RIGGS
ADDRESS Box 358 ST. MARYS W.VA. 26170 ADDRESS Box 358 ST. MARYS W.VA. 26170

2009F 1120179 2100'



RECEIVED

JUL 20 1979

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 7-6-79

Surface Owner E.O. McCullough
Address Bearsville, W.Va.

Company C.W. Riggs, Inc.
Address Box 358, St. Marys, W.Va.

Mineral Owner E.O. McCullough
Address Bearsville, W.Va.

Farm E.O. McCullough Acres 97 1/2

Coal Owner E.O. McCullough
Address Bearsville, W.Va.

Location (waters) Davis Run
Well No. R-155 Elevation 1015'

Coal Operator None
Address _____

District Centerville 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 3-23-80.

INSPECTOR
TO BE NOTIFIED Phillip Tracy
ADDRESS Middlebourne, W.Va.
PHONE 758-4573

[Signature]
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 June 6 1979 by Paul & Mary McCullough made to Loren Bagley and recorded on the 22nd day of June 1979, in Tyler County, Book 219 Page 431

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

Very truly yours,
(Sign Name) C.W. Riggs
Well Operator
Box 358
Street
St. Marys
City or Town
W.Va.
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.

BLANKET BOND

