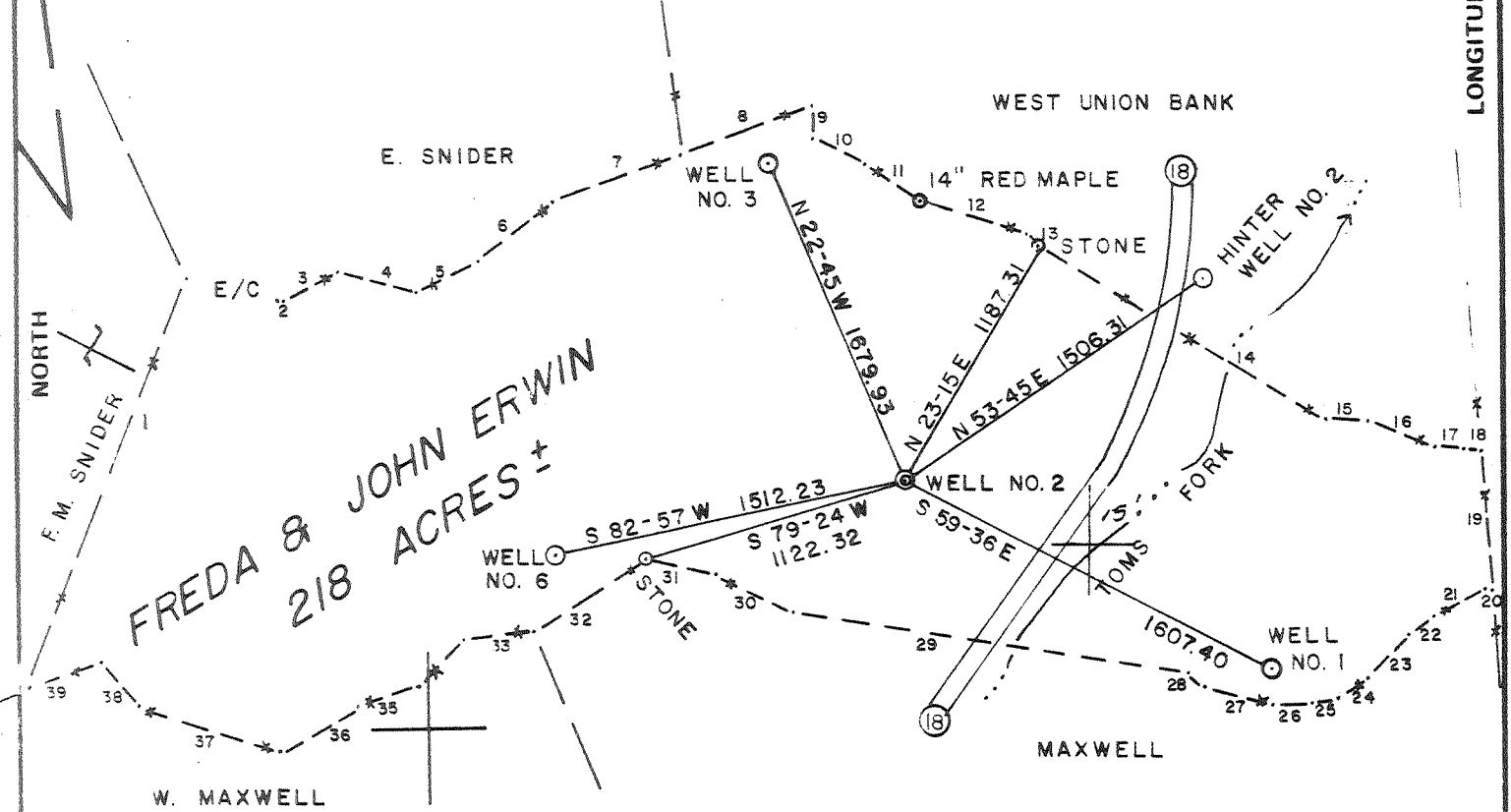


39° 15'

LATITUDE 39° 12' 30"

LONGITUDE 80° 40' 00"

1. N 21-30 E	1848.00	21. S 61-00 W	239.27
2. S 87-00 E	33.00	22. S 62-45 W	128.70
3. N 62-00 E	255.75	23. S 45-00 W	255.75
4. S 76-00 E	346.50	24. S 55-00 W	143.55
5. N 62-00 E	797.00	25. S 78-00 W	99.00
6. N 52-00 E	404.25	26. S 84-00 W	161.70
7. N 70-00 E	577.50	27. N 71-00 W	290.40
8. N 70-00 E	594.00	28. N 56-30 W	90.75
9. S 1-00 E	138.60	29. N 81-00 W	1,666.50
10. S 62-00 E	346.50	30. N 64-00 W	354.75
11. S 54-00 E	280.50	31. N 78-00 W	305.25
12. S 72-30 E	473.55	32. S 57-00 W	561.00
13. S 41-15 E	74.25	33. S 83-00 W	297.00
14. S 58-00 E	1,402.50	34. S 41-00 W	264.00
15. S 86-30 E	161.50	35. S 71-00 W	272.25
16. S 67-30 E	297.00	36. S 59-00 W	375.38
17. S 85-30 E	122.10	37. N 72-00 W	622.88
18. S 77-30 E	79.20	38. N 41-15 W	243.38
19. S 3-00 E	585.75	39. S 71-00 W	313.50
20. N 81-00 W	23.10		



ERWIN WELL NO. 2

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION INTERSECTION OF ROADS ON PROPERTY—ELEV. 892

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) Gregory A. Smith
 R.P.E. _____ L.L.S. 677

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 LICENSE NO. 577
 PLACE SEAL HERE

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



DATE OCTOBER 2, 19 80
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-217-2914
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Can celled

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP SHALLOW _____
 LOCATION: ELEVATION 903' WATERSHED TOMS FORK
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5'
 SURFACE OWNER FREDA & JOHN ERWIN ACREAGE 218
 OIL & GAS ROYALTY OWNER FREDA & JOHN ERWIN LEASE ACREAGE 218
 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 DEVONIAN SHALE ESTIMATED DEPTH 5250'
 WELL OPERATOR SWIFT ENERGY CO. DESIGNATED AGENT E. A. BROOME
 ADDRESS 654 E. NORTH BELT SUITE 212 ADDRESS RT. 76 BOX 35 E
HOUSTON, TEXAS 77060 GLENVILLE, W.V. 26351

JUL 16 1980

26

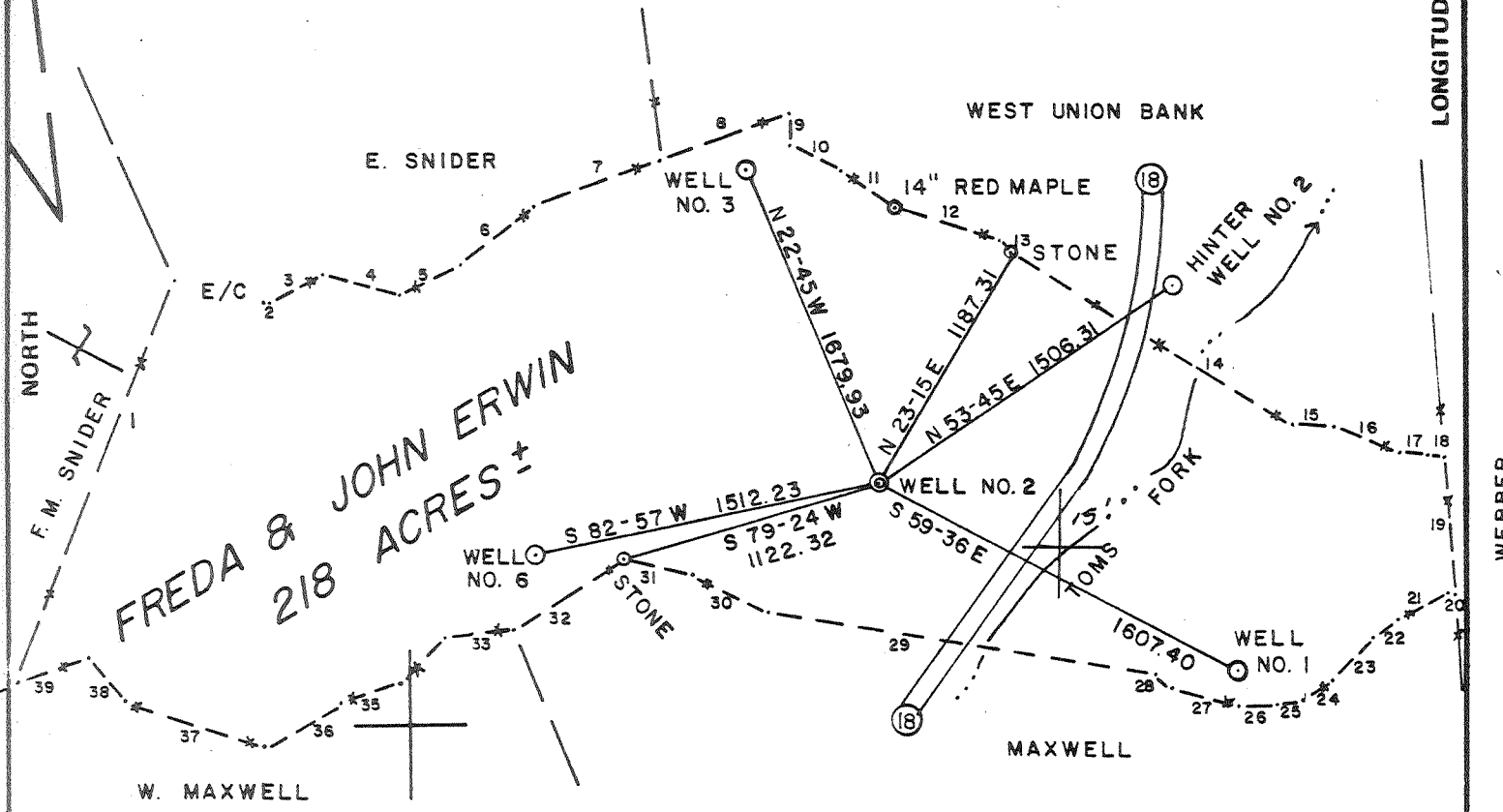
12/30

39° 15'

LATITUDE 39° 12' 30"

LONGITUDE 80° 40' 00"

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3. N 62-00 E	255.75	23. S 45-00 W	255.75
4. S 75-00 E	346.50	24. S 55-00 W	143.55
5. N 62-00 E	287.00	25. S 78-00 W	99.00
6. N 52-00 E	404.25	26. S 84-00 W	161.70
7. N 70-00 E	577.50	27. N 71-00 W	290.40
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11. S 54-00 E	280.50	31. N 78-00 W	305.25
12. S 72-30 E	473.55	32. S 57-00 W	561.00
13. S 41-15 E	74.25	33. S 83-00 W	297.00
14. S 58-00 E	1,402.50	34. S 41-00 W	264.00
15. S 86-30 E	181.50	35. S 71-00 W	272.25
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19. S 3-00 E	585.75	39. S 71-00 W	313.50
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ERWIN WELL NO. 2

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION INTERSECTION OF ROADS ON PROPERTY - ELEV. 892'

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 (SIGNED) Gregory A. Smith
 R.P.E. _____ L.L.S. 677

GREGORY A. SMITH
LICENSED
 No. 677
 STATE OF WEST VIRGINIA
 PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE OCTOBER 2, 19 80
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-517-2914
 STATE COUNTY PERMIT

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP SHALLOW ___
 LOCATION: ELEVATION 903' WATER SHED TOMS FORK
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5' 15'
 SURFACE OWNER FREDA & JOHN ERWIN ACREAGE 218
 OIL & GAS ROYALTY OWNER FREDA & JOHN ERWIN LEASE ACREAGE 218
 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) _____

AUG 24 1981

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5250'
 WELL OPERATOR SWIFT ENERGY CO. DESIGNATED AGENT E. A. BROOME
 ADDRESS 654 E. NORTH BELT SUITE 212 ADDRESS RT. 76 BOX 35 E
HOUSTON, TEXAS 77060 GLENVILLE, W.V. 26351

26

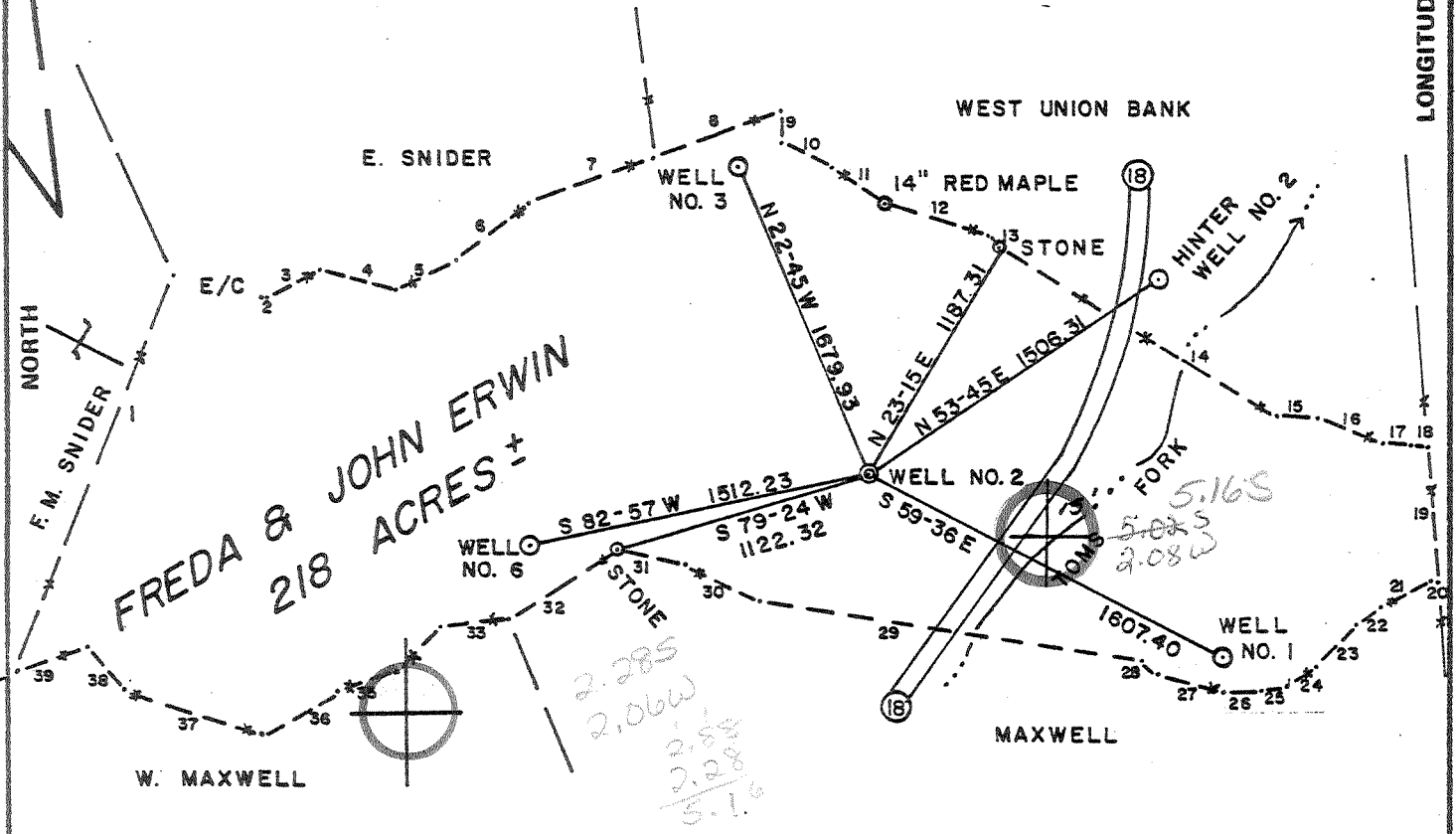
Plot Card CSD

39° 15'

LATITUDE 39° 12' 30"

LONGITUDE 80° 40' 00"

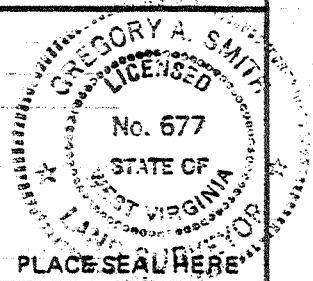
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17. S 85-30 E	122.10	37. N 72-00 W	622.86
18. S 77-30 E	79.20	38. N 41-15 W	243.38
19. S 3-00 E	585.75	39. S 71-00 W	313.50
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ERWIN WELL NO. 2

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 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION INTERSECTION OF ROADS ON PROPERTY—ELEV. 892'

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 (SIGNED) Gregory A. Smith
 R.P.E. _____ L.L.S. 677



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



DATE OCTOBER 2, 19 80
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-017-2914
 STATE WEST VIRGINIA 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 903' WATER SHED TOMS FORK
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5' 13 15 VADIS NW
 SURFACE OWNER FREDA & JOHN ERWIN ACREAGE 218
 OIL & GAS ROYALTY OWNER FREDA & JOHN ERWIN LEASE ACREAGE 218
 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) _____
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 WELL OPERATOR SWIFT ENERGY CO. DESIGNATED AGENT E. A. BROOME
 ADDRESS 654 E. NORTH BELT SUITE 212 ADDRESS RT. 76 BOX 35 E
HOUSTON, TEXAS 77060 GLENVILLE, W. V. 26351



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
DEC 30 1980

Oil and Gas Division

OIL & GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION OF MINES

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

DATE November 11, 1980

Surface Owner Freda & John Erwin

Company Swift Energy Company

Address New Milton, WV

Address 654 E. North Belt, Suite 212, Houston.

Mineral Owner Freda & John Erwin

Farm Erwin Acres 218

Address New Milton, WV

Location (waters) Toms Fork

Coal Owner Freda & John Erwin

Well No. Two (2) Elevation 903

Address New Milton, WV

District New Milton County Doddridge

Coal Operator - None -

Quadrangle New Milton 7.5'

Address

HIS 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 Paul Garrett

ADDRESS 321 Beech St., Clarksburg, WV 26301

PHONE 622-3871

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 October 1 1980 by Freda H. Erwin, etal made to Trio Petroleum Corp. and recorded on the 15th day of October 1980, in Doddridge County, Book 117 Page 393

XXX 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
Agent

Very truly yours,

(Sign Name) *E. A. Broome*
E. A. Broome, Agent

Rt. 76, Box 35-E
Street

Glenville
City or Town

West Virginia
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

47-017- 2914 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by *E. A. Broome*

