

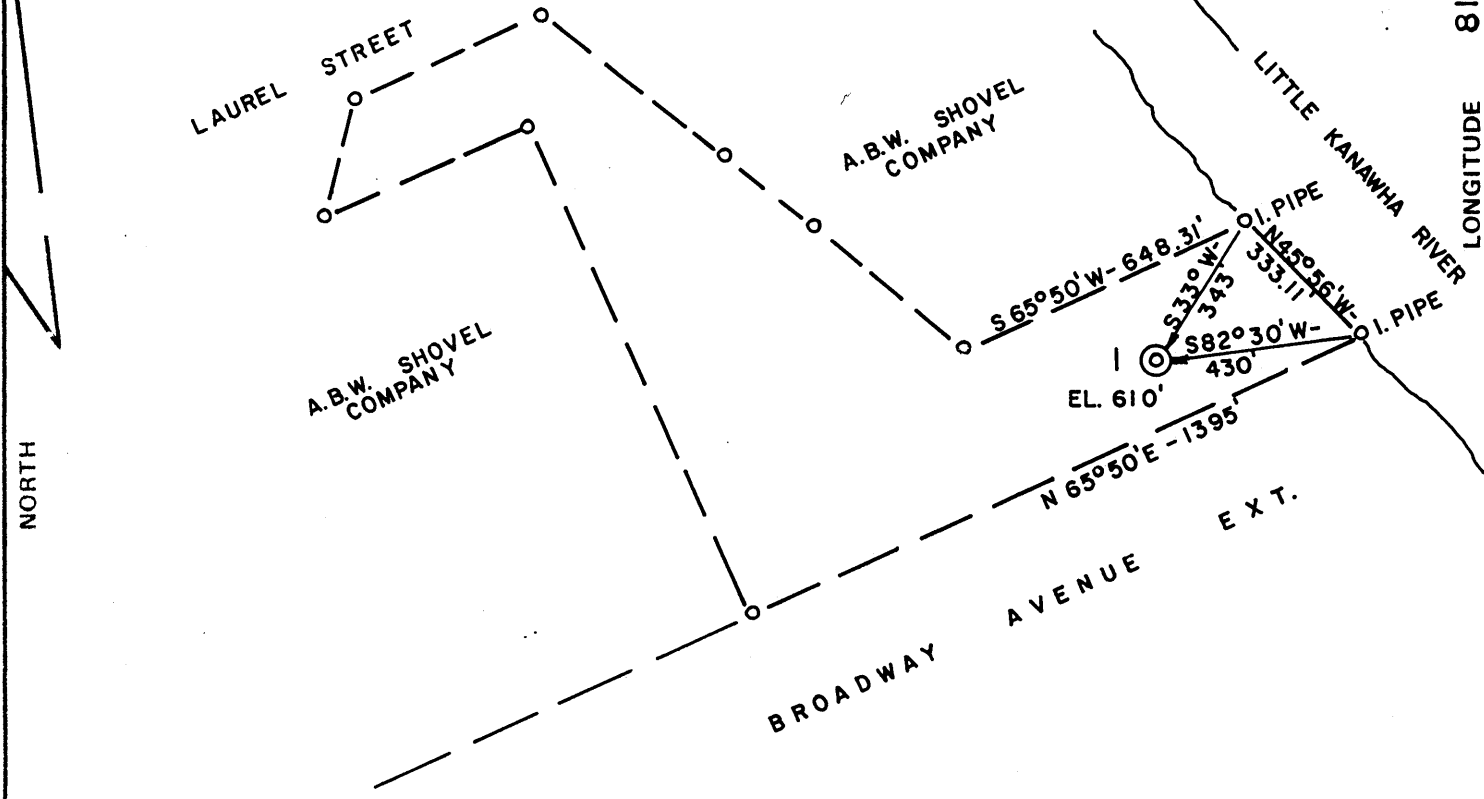
7/10
June 10/11/88

7150' WEST
LATITUDE 39° 15' 00"
15'

930'S

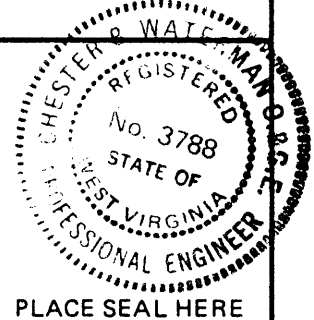
7.5

LONGITUDE 81° 30' 00"



FILE NO. 81-322
 DRAWING NO. _____
 SCALE 1" = 400
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION B.M. ON RT. 47 (609')

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) *Chester P. Waterman*
 R.P.E. 3788 L.L.S. _____



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

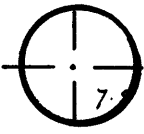


DATE 6/17, 1981
 OPERATOR'S WELL NO. 1
 API WELL NO. _____
47 - 107 - 1166 - P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

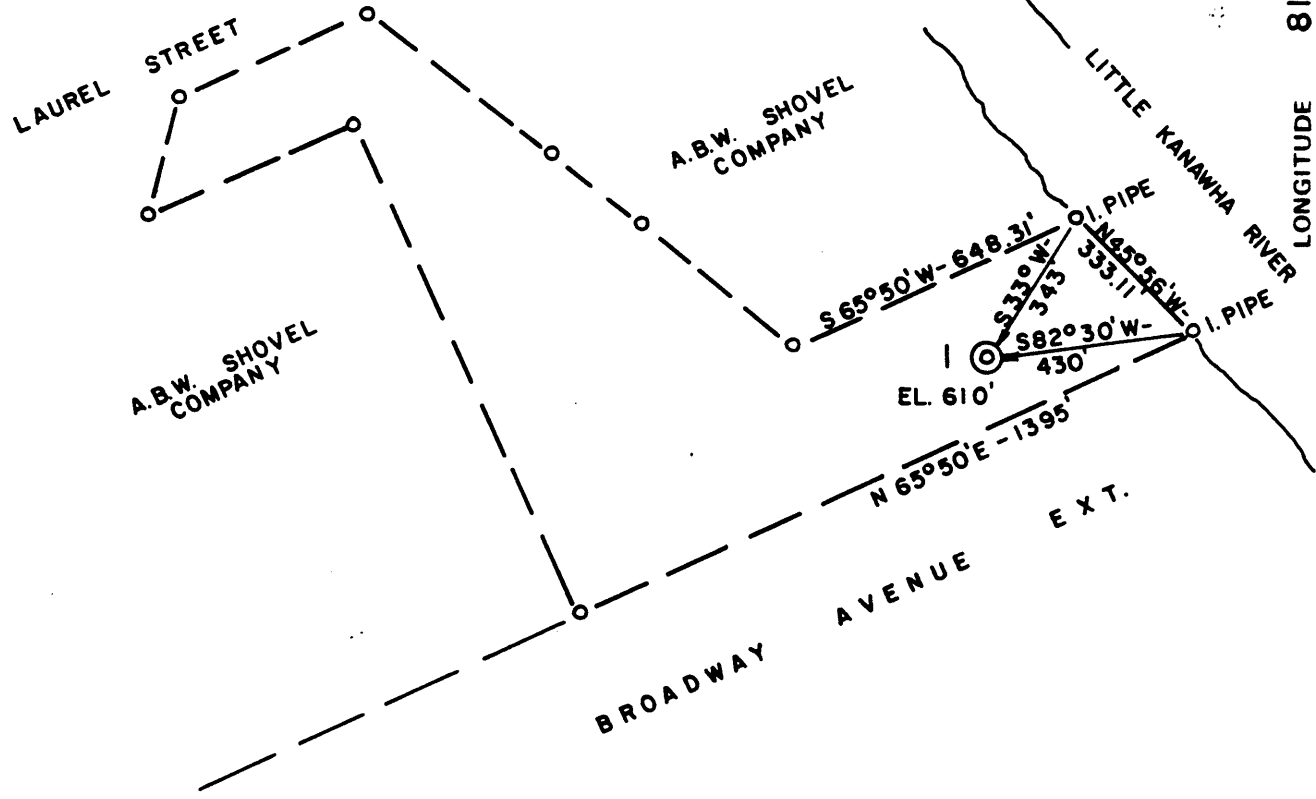
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 610 WATER SHED LITTLE KANAWHA RIVER
 DISTRICT TYGART COUNTY WOOD
 QUADRANGLE SOUTH PARKERSBURG 7.5
 SURFACE OWNER MT. STATE STEEL FOUNDRIES, INC. ACREAGE 18.43
 OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 18.43
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 LIME ESTIMATED DEPTH 4400'
 WELL OPERATOR WBC EXP. DEV. INC. DESIGNATED AGENT SAME
 ADDRESS PNB SQUARE ADDRESS _____
PARKERSBURG, WV

OCT 17 1988



0.205
1.40W

NORTH



FILE NO. 81-322
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION B.M. ON RT. 47 (609')

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) Calvin Waterman
 R.P.E. 3788 L.L.S. _____

PLACE SEAL HERE

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



DATE 6/17 1981
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-107-1166
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 610' WATER BED LITTLE KANAWHA RIVER
 DISTRICT TYGART COUNTY WOOD
 QUADRANGLE SOUTH PARKERSBURG 7.5 Belleville 15' NE
 SURFACE OWNER MT. STATE STEEL FOUNDRIES, INC. ACREAGE 18.43
 OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 18.43
 LEASE NO. _____

PROPOSED WORK: DRILL X 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 LIME ESTIMATED DEPTH 4400'
 WELL OPERATOR WBC DEVELOPMENT CO. DESIGNATED AGENT SAME
 ADDRESS PNB SQUARE ADDRESS _____
PARKERSBURG, WV

JUL 20 1981

RECEIVED

JUL 2 1981



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 June 25, 1981

Surface Owner Mt. State Steel Foundries, Inc. Company WBC Exploration & Development, Inc.
 Address P.O. Box 1505 Parkersburg, WV Address PNB Square Parkersburg, WV
 Mineral Owner Mt. State Steel Foundries, Inc. Farm Mt. State Steel Foundries Acres 18.43
 Address P.O. Box 1505, Parkersburg, WV Location (waters) Little Kanawha River
 Coal Owner N/A Well No. 1 Elevation 610'
 Address _____ District Tygart County Wood
 Coal Operator N/A Quadrangle South Parkersburg
 Address _____

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 3-10-82.

INSPECTOR
TO BE NOTIFIED K.P. Goodnight

ADDRESS Smithville, WV

PHONE 477-3660
658-4280

J. P. Huggins
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 1 1981 by Mt State Steel Foundries, Inc. made to WBC Exp. & Dev., Inc. and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____ Affiliated companies.

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,
(Sign Name) Richard D. Mauldin
Well Operator

PNB Square
Street

Parkersburg
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

47-107-1166

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 2-b and will carry out the specified requirements."

Signed by Richard D. Mauldin

THIS IS AN 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 WBC Exploration & Development, Inc. NAME Richard D. Mandrake
 ADDRESS PNB Square, Parkersburg, WV ADDRESS PNB Square, Parkersburg, WV
 TELEPHONE 304-295-8527 TELEPHONE 304-295-8527
 ESTIMATED DEPTH OF COMPLETED WELL: 4400' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Lime
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16	20"	150	
13 - 10	13	250	
9 - 5/8	9 5/8	1,600	<i>to surface</i>
8 - 5/8			
7			
5 1/2			
4 1/2	4 1/2	4,400	<i>440 SKs</i> As needed to meet
3			Perf. Top requests of
2			Perf. Bottom rule 1501
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS unknown FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS unknown
 IS COAL BEING MINED IN THE AREA? no 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.

TO 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.

N/A

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.

BLANKET BOND

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: MT STATE STEEL FOUNDRIES Operator Well No.11

LOCATION: Elevation: 610.00 Quadrange: SOUTH PARKERSBURG
District: TYGART County: WOOD
Latitude: 930 Feet South of 39 Des. 15 Min. 0 Sec.
Longitude: 7150 Feet West of 81 Des. 30 Min. 0 Sec.

Company: WBC Exploration c/o Coastal corp. Coal Operator Mountain State Steel Castings
P. O. Box 4119 or Owner P. O. Box 1505
Parkersburg Parkersburg, WV 26102

Agent: William E. Carpenter, Jr. Coal Operator Same
Inspector: Glen P. Robinson or Owner _____
Permit Issued: 10/11/88

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Wood ss:

Linda C. Carpenter and William E. Carpenter, Jr. being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by The Coastal Corporation, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 17th day of November, 1988, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Halliburton Standard	1650	1550	-0-	
Halliburton Gel	1550	200	-0-	
Halliburton Standard	200	surface	-0-	

Well plugged back to 2321' on 2/27/82

Shot four holed .41 @ 1650

OK
11/29/88

RECEIVED
NOV 23 1988

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Description of monument: 36" piece of 8 5/8" pipe cemented to top with API numbers welded on top

and that the work of plugging and filling said well was completed on the 17th day of November, 1988.

And further deponents saith not.

Linda C. Carpenter
William E. Carpenter

Sworn and subscribe before me this 21 day of November, 1988.

My commission expires: Sept. 19, 1990

Sharon
Notary Public

DEC 2 1988