

Longitude 80° 08'

New Location
 Drill Deeper
 Abandonment

"I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPH 6 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA."

Company WEIRTON STEEL
 Address WEIRTON W.VA.
 Farm CLAUDE K. WINTERS
 Tract _____ Acres 92.92 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1277'
 Quadrangle MAJORSVILLE Quad. 7.5'
 County MARSHALL District SAND HILL
 Surveyor CHARLES V. ELLER Charles V. Eller
 Engineer's Registration No. 99 W.Va. Surveyor
 File No. _____ Drawing No. _____
 Date MAY 16, 1977 Scale 1" = 400'

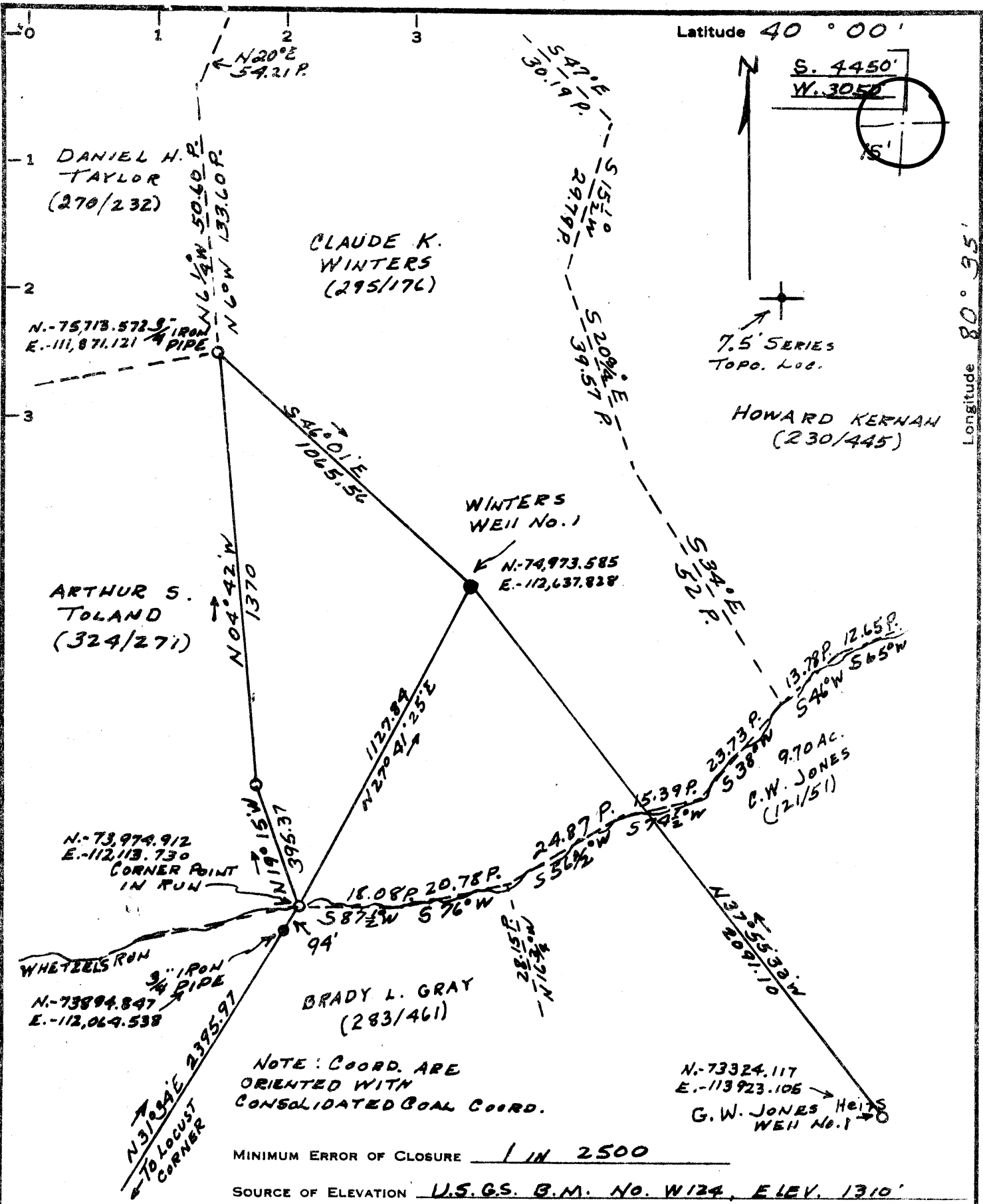
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. **MARS-657**
DRILLING CANCELED

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500; latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-051



New Location
 Drill Deeper
 Abandonment

"I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPH 6 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA."

Company WEIRTON STEEL
 Address WEIRTON W.VA.
 Farm CLAUDE K. WINTERS
 Tract _____ Acres 92.92 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1277' NC
 Quadrangle CAMELON 15
MAJORSVILLE Quad. 7.5'
 County MARSHALL District SAND HILL
 Surveyor CHARLES V. Eller Charles V. Eller
 Engineer's Registration No. 99 W.Va. Surveyor
 File No. _____ Drawing No. _____
 Date MAY 15, 1977 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. MARS-657

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- Denotes one inch spaces on border line of original tracing.

47-051 SEP 11 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
AUG 17 1978

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Claude K. Winters
Address RD #3, Elm Grove, W.VA. 26003
Mineral Owner SAME
Address SAME
Coal Owner Consolidated Coal Co.
Address Moundsville, W. VA
Coal Operator NONE
Address _____

DATE _____
Company Weirton Steel Co.
Address Weirton, W. VA
Farm Claude K. Winters Acres 92.92
Location (waters) Wheeling Creek
Well No. #1 Elevation 1277'
District Sandhill County Marshall
Quadrangle Majorsville

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 12-23-78.

Robert F. Hill

Deputy Director - Oil & Gas Division

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

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 ^{assignment} ~~lease~~ dated October 13 19 76 by Appalachian Exploration, Inc. made to Weirton Steel Co. and recorded on the 24th day of June 1977, in Marshall County, Book 460 Page 344-350

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, Appalachian Exploration, Inc.
(Sign Name) William E. Carpenter
William E. Carpenter, Well Operator, Exploration Mgr.
RT #1, Box 26 A

Street _____
Port Washington, OH 43837
City or Town _____
OHIO
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

"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 _____

MARS-657 PERMIT NUMBER
47-051

**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 _____ NAME Gene Haney (Geological Consultant)
 ADDRESS _____ ADDRESS Kanawha Valley Bldg., Charleston, WVA
 TELEPHONE _____ TELEPHONE 344-9864 (Office) 342-5494 (Res.)
 ESTIMATED DEPTH OF COMPLETED WELL: 3300' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 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			
13 - 10			
9 - 5/8			
8 - 5/8	825'	825'	to surface
7			
5 1/2			
4 1/2	3300'	3300'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 25'-25' FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 775' _____
 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.

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 W. S. ... 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 W. S. ... 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.

Edward C. White
For Coal Company
M. J. ...
Official Title