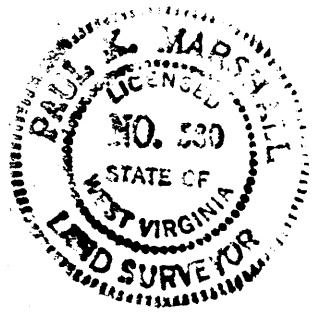


LATITUDE 39° 15' 00"
S 13,900
W 1,400

LONGITUDE 81° 27' 30"
(15') 81° 25'



Minimum Error of Closure 1 Ft in 500 Ft

Source of Elevation U.S.G.S. Bench E1.609

Bearing from Well = N58°E

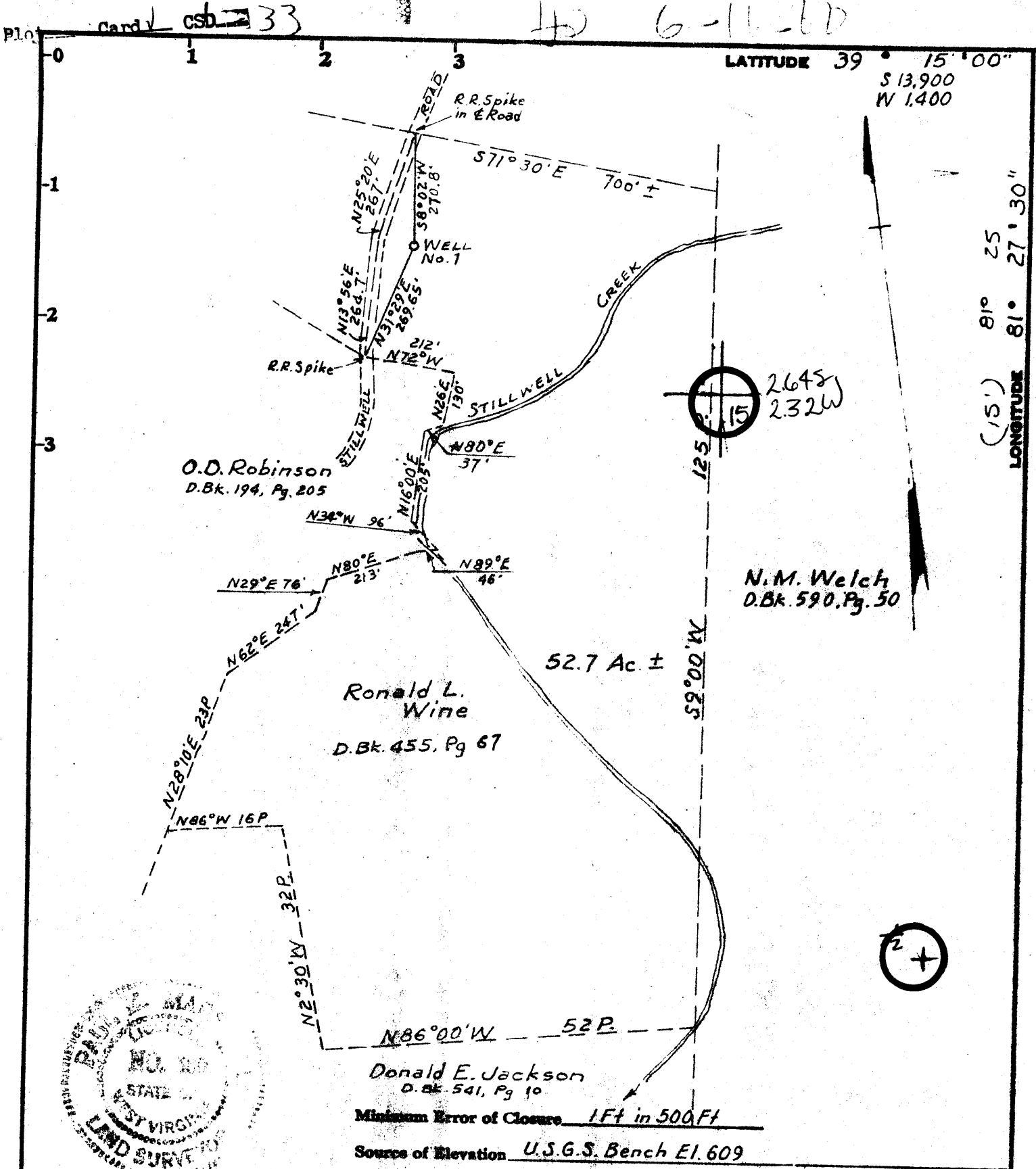
I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Fracture
 New Location
 Drill Deeper
 Abandonment

Map No. _____ Signed: _____
 Squares: N S E W

Company Carbonit Exploration, Inc.
 Address 2190 North Loop, West, Houston, Texas
 Farm RONALD L. WINE
 Tract B-330 Acres 52.7 Lease No. _____
 Well (Farm) No 1 Serial No. _____
 Elevation (Spirit Level) 600 ELIZABETH 15'
 Quadrangle Kanawha, W. Va. 7 1/2 Series
 County Wood District C
 Engineer Paul L. Marsland
 Engineer's Registration No. _____
 File No. _____
 Date June 5

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP



Minimum Error of Closure 1 Ft in 500 Ft

Source of Elevation U.S.G.S. Bench E1.609

Bearing from Well = N58°E

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.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Map No. _____ Signed: _____

Squares: N S E W

Company Carbonit Exploration, Inc.

Address 2190 North Loop, West, Houston, Texas

Farm RONALD L. WINE

Tract Pg. 330 Acres 52.7 Lease No. _____

Well (Farm) No 1 Serial No. _____

Elevation (Spirit Level) 600 ELIZABETH 15' NW

Quadrangle Kanawha, W. Va. 7 1/2' Series

County Wood District Clay

Engineer _____

Engineer's Registration No. _____

File No. _____ Drawing No. _____

Date June 5, 1980 Scale 1"=300'

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

WELL LOCATION MAP
FILE NO. 107-1040

+ Denotes location of well on United States latitude



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 9, 1980

Surface Owner Ronald L. Wine

Company Carbonit Exploration, Inc.

Address Route 1, Box 90, Davisville, W. Va.

Address 2190 North Loop West, Suite 401, Houston,

Mineral Owner Ronald L. Wine

Farm _____ Acres 66 Texas

Address Route 1, Box 90, Davisville, W. Va.

Location (waters) _____

Coal Owner _____

Well No. 1 Elevation 600'

Address _____

District Clay County Wood

Coal Operator None

Quadrangle Kanawha, W. Va. 7 1/2' Series

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

INSPECTOR
TO BE NOTIFIED K. Paul Goodnight

ADDRESS Smithville, West Virginia 26178

PHONE (304) 477-3660

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 2-10-81.

Robert L. Mardock

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 April 1 1980 by Ronald L. Wine made to Petroleum Services, Inc. and recorded on the 3rd day of April 1980, in Wood County, Book 735 Page 622

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 N/A 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) Robert L. Mardock
Well Operator
Carbonit Exploration, Inc.
2190 North Loop West, Suite 401
Street
Houston
City or Town
Texas 77018
State

RECEIVED
JUN 10 1980

*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, at 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.

OIL & GAS DIVISION
DEPT. OF MINES

47-107-1040 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 Robert L. Mardock

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN X FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT:
 NAME _____ NAME Gerald W. Townsend
 ADDRESS _____ ADDRESS 5th & Green Streets, Parkersburg, W.
 TELEPHONE _____ TELEPHONE (304) 422-5449
 ESTIMATED DEPTH OF COMPLETED WELL: 4000' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Ohio Shale
 TYPE OF WELL: OIL X 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 <u>1600' 23#</u>	<u>1600' 23#</u>	<u>1600' 23#</u>	<u>Cemt. Circulate to Surface</u>
7			
5 1/2			
4 1/2 <u>4000' 9.5#</u>	<u>4000' 9.5#</u>	<u>4000' 9.5#</u>	<u>250 saks.</u>
3			<u>Perf. Top</u>
2			<u>Perf. Bottom</u>
Liners			<u>Perf. Top</u>
			<u>Perf. Bottom</u>

APPROXIMATE FRESH WATER DEPTHS 150 FEET None SALT WATER _____ FEET

APPROXIMATE COAL DEPTHS _____

IS COAL BEING MINED IN THE AREA? No BY WHOM? N/A

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 _____ 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.

For Coal Company

Official Title