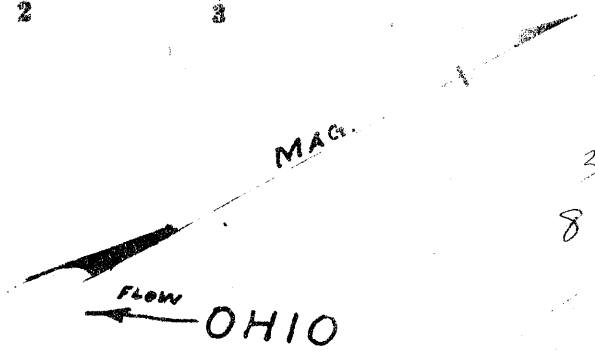


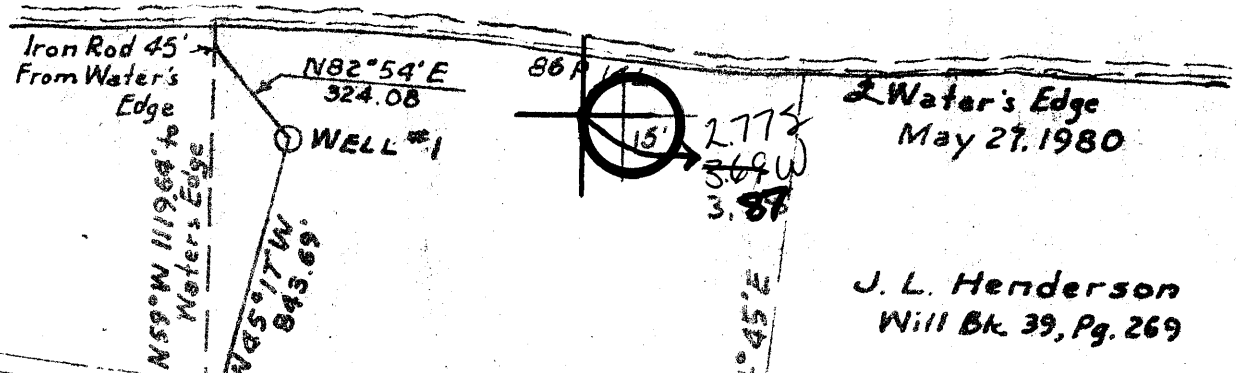
S 14,600
W 8,600

37 22 35
81 29 10

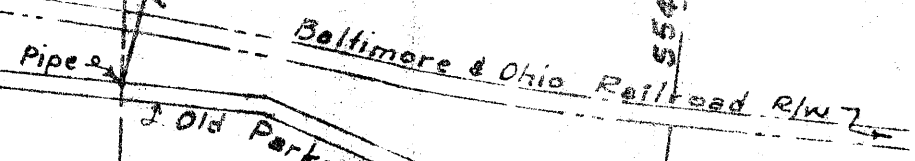
81° 25' 30"
Longitude 81° 27' 30"



OHIO RIVER

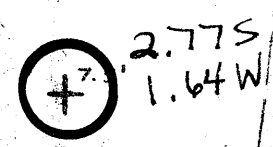


J. L. Henderson
Will Bk. 39, Pg. 269



M. Angel
Clayton
D.Bk. 402, Pg. 269

70 Acres
Richard H.
Hoblitzell
Surface



W. VA. HIGHWAY ROUTE 14

- Fracture...
- Redrill...
- New Location
- Drill Deep
- Abandon

- Comp
- Acc
- Fe
- T

Date May 27

one inch spaces on border line of original tracing.

4000 OHIO SHALE

BOAZ

1 6 1980

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

Date 3/2/81

FORM IV-35
(Obverse)

Operator's
Well No. Hoblitzell #1

WELL OPERATOR'S REPORT
OF

API Well No. 47-1071038
State County

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

{08-78,

WELL TYPE: Oil X / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow ___)
LOCATION: Elevation: 606 G.L. Watershed: Worthington Creek
District: Williams County: Wood Quadrangle: Marietta

WELL OPERATOR CARBONITE EXPLORATION, INC. DESIGNATED AGENT Gerald W. Townsend
Address 4424 Emerson Avenue Address Fifth & Green
Parkersburg, WV 26101 Parkersburg, WV 26101

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON February 2, 1981

OIL & GAS INSPECTOR FOR THIS WORK:

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED.

Name K. Paul Goodnight

Address Smithville, WV 26178

Phone (304) 477-3660

GEOLOGICAL TARGET FORMATION: Devonian Shale Depth 3200 feet

Depth of completed well, 2002' feet Rotary X / Cable Tools ___

Water strata depth: Fresh, 250 feet; salt, 0 feet.

Coal seam depths: None Is coal being mined in the area? No

Work was commenced June 27, 1980 and completed August 1, 1980, 19

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	REMARKS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	13-3/8	J	56#	X		90'	90'	0	Rinds
Fresh water	10-3/8	J	36#	X		240'	240'	80 sks	
Oil	8-5/8	J	24#	X		890'	0	0	Sizes
Intermediate	7"	J	20#	X		1490'	0	0	
Production	4-1/2	ERW	9.5#	X		0	2004'	200sks	Depth set
Casing	2-3/8	CW	3.7#	X		0	1850'	0	
Annular									Perforations:
									Top
									Bottom

OPEN FLOW DATA

Producing formation Berea Pay zone depth 1866'
Gas: Initial open flow, 0 Mcf/d Oil: Initial open flow, 0 Bbl/d
Final open flow, 111 Mcf/d Final open flow, 4 Bbl/d
Time of open flow between initial and final tests, 4 hours
Static rock pressure, 750# psig (surface measurement) after 24 hours shut in

AUG 11 1981

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

766-1936 (8 holes)

40,000# of 20/40 sand, 500 gal 15% acid, 162,000 SCF of N², 500 bbl water

ELL 100 Ultrasonic Gas Log, Compensated Density, Induction

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks
					Including indication of all and salt water, coal, oil or
Weir	Gray	Hard	1764	1770	
Shale	Gray	Soft	1770	1859	
Berea	Tan	Hard	1859	1866	
Shale	Gray	Soft	1866	1973	
Gantz	Buff	Hard	1973	1990	
Shale	Gray	Soft	1990	2042	
Fifty Foot	Gray	Hard	2042	2060	
Shale	Gray	Soft	2060	2174	
Thirty Foot	Gray Green	Hard	2174	2198	
Shale	Gray	Soft	2198	2298	
Gordan Stray	Buff	Hard	2298	2309	
Shale	Gray	Soft	2309	2312	
Gordon	Buff	Hard	2312	2322	
Shale	Gray	Soft	2322	3107	
<u>Speechley</u>	Light Brown	Hard	3107	3124	

(Attach separate sheets to complete as necessary)

CARBONITE EXPLORATION, INC.
Well Operator

By: _____

Its: _____

NOTE: Regulation 2.02(f) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed, geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
MAY 30 1980
OIL & GAS DIVISION
DEPT. OF MINES

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

DATE May 30, 1980

Surface Owner Richard H. Hoblitzell

Company Carbonit Exploration, Inc.

Address Route 1, Williamstown, W. Va.

Address 2190 West Loop North, Suite 401

Mineral Owner Richard H. Hoblitzell

Farm _____ Acres 181 70

Address Route 1, Williamstown, W. Va.

Location (waters) _____

Coal Owner None

Well No. 1 Elevation 606'

Address _____

District Williams County Wood

Coal Operator None

Quadrangle Marietta, Ohio, West Virginia

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 2-10-81 .

INSPECTOR
TO BE NOTIFIED K. Paul Goodnight

ADDRESS Smithville, West Virginia 26178

PHONE (304) 477-3660

Robert F. [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 May 9 1980 by Richard H. Hoblitzell made to Carbonit Exploration, Inc. and recorded on the 23th day of May 1980, in Wood County, Book 738 Page 264

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

Very truly yours,

(Sign Name) Harry F. Schram

Well Operator
Carbonit Exploration, Inc.
2190 North Loop West, Suite 401
Street

Address of Well Operator
Houston,
City or Town

Texas 77018
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

47-107-1038 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 Harry F. Schram

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 Kenneth Wood _____ NAME Gerald W. Townsend _____
 ADDRESS Walker Road _____ ADDRESS 5th and Green Street, Parkersburg, W. Va. _____
 TELEPHONE (304) 428-6242 _____ TELEPHONE (304) 422-5449 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4000' _____ ROTARY _____ CABLE TOOLS X _____
 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 - 16 250'	250'	250'	circ., cem. to surface
13 - 10 1600'	1600'	Pulled	
9 - 5/8			
8 - 5/8 2400'	2400'	2400'	150 sks.
7			
5 1/2			
4 1/2 9.5# 4000'	4000'	4000'	150 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET None SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS None
 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