



New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure One Part in 200 Source of Elevation C.G.S.C. Well 11564 Elev. = 877'  "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	ALLEGHENY LAND & MINERAL COMPANY
Address	CLARKSBURG, W. VA. 26301
Farm	W. BRENT MAXWELL (Schwartzman surf.)
Tract	Acres 2400 Lease No. _____
Well (Farm) No.	Serial No. A-563
Elevation (Spirit Level)	1044'
Quadrangle	HOLBROOK (N.E.)
County	DODDRIDGE District SOUTHWEST
Engineer	Daniel L. Wheeler
Engineer's Registration No.	530 LLS
File No.	23 Drawing No. _____
Date	1-23-76 Scale 1" = 40 P

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

**WELL LOCATION MAP**  
 FILE NO. **DODD-1802**

+ 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.

47-017

RECEIVED

JAN 26 1976

STATE OF WEST VIRGINIA  
DEPT. OF MINES

Under lease or grant dated the 7th. day of October, 1898, by W. Brent Maxwell and Lillie J. Maxwell, his wife, unto The Carter Oil Company, subsequently Consolidated Gas Supply Corporation. This lease was recorded on the 15th. day of September, 1899, in Deed or Lease Book 14 at Page 376, in the Office of the County Clerk of Doddridge County, West Virginia.

Allegheny Land and Mineral Company is vested with the drilling rights, in the subject lease, by virtue of an agreement dated the 10th. day of October, 1975, granted by Consolidated Gas Supply Corporation.

GW



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division

RECEIVED

MAR 16 1976

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas   
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Quadrangle HOLBROOK NE

Permit No. DOD-1802

Company <u>Allegheny Land &amp; Mineral Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Box 1740, Clarksburg, WV 26301</u>	Size			
Farm <u>W.B. Maxwell</u> Acres <u>24.00'</u>	20-16			
Location (waters) <u>S. Fork of Hughes River</u>	Cond.			
Well No. <u>A-563</u> Elev. <u>1044'</u>	13-10"			
District <u>Southwest</u> County <u>Doddridge</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8	312'	312'	Cement to surface
<u>Arnon Schwartzman, M.D.</u>	7			
Address <u>2007 Nichols Ave., Washington, D.C. 20020</u>	5 1/2			
Mineral rights are owned by <u>Union National Bank</u>	4 1/2	2250'	2250'	Cement to 1500'
Atty. in fact, <u>W. Brent Maxwell</u> hrs. _____	3			
Address <u>Clarksburg, WV 26301</u>	2			
Drilling Commenced <u>January 29, 1976</u>	Liners Used			
Drilling Completed <u>February 2, 1976</u>				
Initial open flow _____ cu. ft. _____ bbls.				
Final production _____ cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Attach copy of cementing record.

Fractured March 4, 1976 by Dowell

Final test - 2/10 M. in 4" = 875 MCF

Rock Pressure after 15 hrs. = 500#

Coal was encountered at none Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Injun & Weir Depth 1822-1898 & 2060-2178'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	40		
Shale			40	300		
Shale and Sand			300	660		
Sand			660	682		
Shale and Sand			682	1202		
Sand			1202	1242		
Shale and Sand			1242	1544		
Sand			1544	1560		
Shells and Shale			1560	1744		
Lime			-1744	1822		
Injun Sand			1822	1898		
Shale			1898	2060		
Weir Sand			2060	2178		
Shale			2178	2264		
		Total depth		2264		

Perforations:  
2166-2170' - 3 shots  
2159-2161' - 3 shots  
2149-2150' - 2 shots  
2138-2143' - 6 shots  
2089-2090' - 2 shots  
2074-2074 1/2' - 2 shots  
1880- 1881' - 2 shots  
1867-1876 - 9 shots

(over)

\* Indicates Electric Log tops in the remarks section.

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

PROPOSED WORK ORDER TO XX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME Allegheny Land and Mineral Company  
 ADDRESS \_\_\_\_\_ ADDRESS Clarksburg, West Virginia 26301  
 TELEPHONE \_\_\_\_\_ TELEPHONE 623-6671  
 ESTIMATED DEPTH OF COMPLETED WELL: 2200' ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Wier Weir  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XX 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'	20'	cement to surface
13 - 10			
9 - 5/8			
8 - 5/8	300'	300'	cement to surface
7			
5 1/2			cement to 300' above
4 1/2	2200'	2200'	Weir horizon
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60' FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS No coal reported in wells drilled within area  
 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 \_\_\_\_\_ 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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

JAN 26 1976

DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

Arron Schwartzman, M. D.

DATE January 23, 1976

Surface Owner 2007 Nichols Avenue

Company Allegheny Land and Mineral Company

Address Washington, D. C. 20020

Address Clarksburg, West Virginia

Mineral Owner The Union National Bank

Farm W. Brent Maxwell Acres 2400

Address Atty. in Fact, W. Brent Maxwell Heirs.

Location (waters) South Fork of Hughes River

Coal Owner Clarksburg, WV 26301

Well No. A-563 Elevation 1044'

Address same

District Southwest County Doddridge

Coal Operator none

Quadrangle HOLBROOK NE

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 5-23-76

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett  
PH: 622-3871 ADDRESS Clarksburg W.Va.

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 see attached sheet 9 by \_\_\_\_\_ made to \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

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, W. Va. 26505  
AC 304-296-4461

Very truly yours, Allegheny Land and Mineral Co.  
(Sign Name) Paul Garrett Manager  
Land <sup>Well Operator</sup> - Lease and Right of Way  
P. O. Box 1740  
Street  
Clarksburg  
City or Town  
West Virginia - 26301  
State

Address of Well Operator

\*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

Dodd-1802 PERMIT NUMBER  
47-017