



New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure ONE PART IN 200  
 Source of Elevation C.G.S.C. WELL #11394 ELEV. 1113'

"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 CO  
 Address CLARKSBURG, W.V. 26301  
 Farm W.B. MAXWELL ARRON SCHWARTZMAN MD  
 Tract \_\_\_\_\_ Acres 2400 Lease No. \_\_\_\_\_  
 Well (Farm) No. \_\_\_\_\_ Serial No. A-700  
 Elevation (Spirit Level) 1179' NE  
 Quadrangle HOLBROOK OXFORD 7 1/2'  
 County DODDRIDGE District SOUTH WEST  
 Engineer David L. Warden  
 Engineer's Registration No. 530 L.L.S.  
 File No. 218 Drawing No. I-602  
 Date 7-28-78 Scale 1" = 1000'

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

WELL LOCATION MAP  
 FILE NO. DODD-2281

+ 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 AUG 29 1978



RECEIVED

OCT 30 1978

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle HOLEBROOK

Permit No. DOD-2281

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

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>				
Farm <u>W. B. Maxwell</u> Acres <u>2400</u>	Size			
Location (waters) <u>South Fork-Hughes River</u>	20-16			
Well No. <u>A-700</u> Elev. <u>1179'</u>	Cond.			
District <u>Southwest</u> County <u>Doddridge</u>	13-10"			
The surface of tract is owned in fee by <u>Aaron Swartzman, M.D., 2007 Nichols Ave.,</u>	9 5/8			
Address <u>Washington, D.C. 20020</u>	8 5/8	297'	297'	Cement to surface
Mineral rights are owned by <u>Union National Bank, Atty. in Fact. W.B. Maxwell</u>	7			
Address <u>Clarksburg, WV</u>	5 1/2			
Drilling Commenced <u>August 29, 1978</u>	4 1/2	2300'	2300'	" " 1600'
Drilling Completed <u>September 2, 1978</u>	3			
Initial open flow _____ cu. ft. _____ bbls.	2			
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Attach copy of cementing record.

Well was fractured September 13, 1978 by Dowell

Final test: Open flow - 307 MCF

Rock Pressure - 975# - 12 hrs.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
Producing Sand Weir Depth 2048-2164'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	50		
Slate & Shale			50	880		
Salt Sand			880	914		<u>Perforations</u>
Sand & Shale			914	1032		
Salt Sand			1032	1066		2171 - 2201' - 18 holes
Sand & Shale			1066	1526		2108 - 2134' - 20 holes
Sand			1526	1550		
Sand & Shale			1550	1756		
Big Lime			1756	1836		
Injun Sand			1836	1896		
Sand & Shale			1896	2048		
Weir Sand			2048	2164		
Sand & Shale			2164	2249		
Berea Sand			2249	2256		
Shale			2256	2350		
			total depth	2350		(Driller)

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED  
AUG 7 1978  
DEPT. OF MINES

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

DATE August 2, 1978

Surface Owner Aaron Schwartzman, M.D.  
2007 Nichols Avenue  
Washington, D. C. 20020

Company Allegheny Land & Mineral Company  
Address P. O. Drawer 1740, Clarksburg, WV

Mineral Owner Union National Bank, Atty-In-Fact, W. Brent Maxwell heirs  
Address Clarksburg, West Virginia

Farm W. B. Maxwell Acres 2,400

Coal Owner Union National Bank, Atty-In-Fact, W. Brent Maxwell Heirs  
Address Clarksburg, West Virginia

Location (waters) \_\_\_\_\_  
Well No. A-700 Elevation 1179'  
District Southwest County Doddridge  
Quadrangle Holbrook

Coal Operator none  
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 12-7-78

INSPECTOR TO BE NOTIFIED Paul Garrett  
ADDRESS 321 Beech Street  
Clarksburg, WV 26301  
PHONE 622-3871

Robert A. [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 see attached 19\_\_\_\_ by \_\_\_\_\_ made to \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

XX 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 ALLEGHENY LAND AND MINERAL COMPANY  
(Sign Name) [Signature] Manager  
Land, Lease and Right of Way  
P. O. Drawer 1740  
Street  
Clarksburg  
City or Town  
West Virginia  
State

BLANKET BOND

\*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.

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 & Mineral Company  
 ADDRESS \_\_\_\_\_ ADDRESS P. O. Drawer 1740, Clarksburg, W. Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE (304) 623-6671  
 ESTIMATED DEPTH OF COMPLETED WELL: 2050' ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: 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	400'	400'	cement to surface
7			
5 1/2			cement to 300' above
4 1/2	2050'	2050'	producing horizon
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100' FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS None  
 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

ALLEGHENY LAND AND MINERAL CO.

RECEIVED  
AUG 15 1898  
OIL & GAS  
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, 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 22nd day of July, 1977.