



2.81 S
3.05 W

W. B. MAXWELL
2400[±]

REVISED LOCATION
 New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure ONE PART IN 200
 Source of Elevation ALLEGHENY LAND & MINERAL CO. WELL-A-591, Elev. 911'

"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. VA. 26301
 Farm W. B. MAXWELL
 Tract _____ Acres 2400 Lease No. 41998
 Well (Farm) No. _____ Serial No. A-592
 Elevation (Spirit Level) 1189'
 Quadrangle HOLBROOK NE
 County DODDRIDGE District SOUTHWEST
 Engineer Samuel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. 81 Drawing No. I-436
 Date 11-11-76 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. DOD-1841 REV

+ 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
OCT 9 1976

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 this lease, by virtue of an agreement dated the 12th. day of April, 1976, granted by Consolidated Gas Supply Corporation.



FEB 14 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle HOLBROOK

Permit No. DOD-1841

Rotary X Oil _____
Cable _____ Gas XX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company <u>Allegheny Land & 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>Holt Run of S. Fork of Hughes River</u>				
Well No. <u>A-592</u> Elev. <u>1091'</u>	20-16			
District <u>Southwest</u> County <u>Doddridge</u>	Cond.			
The surface of tract is owned in fee by <u>Aaron Schwartzman, M.D., 2007 Nichols Ave.</u>	13-10"			
Address <u>Washington, D.C. 20020</u>	9 5/8			
Mineral rights are owned by <u>The Union National Bank</u>	8 5/8	297'	297'	Cement to surface
<u>W.B. Maxwell, Hrs., Clarksburg, WV 26301</u>	1 1/2			
Drilling Commenced <u>January 10, 1977</u>	4 1/2	2340'	2340'	Cement to 16 1/4'
Drilling Completed <u>January 15, 1977</u>	3			
Initial open flow <u>189 M</u> 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 by Dowell February 3, 1977

Final test: Open flow - 11/10" - Merc. - 2" = 516 MCF
(Weir & Injun commingled)

Rock Pressure - Weir - 820# - 17 hrs.

Injun - 500# - 17 hrs.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet
Producing Sand Injun, Weir Depth 1942-2012' & 2172-2270'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	50		
Shale			50	310		
Sand & Shale			310	404		
Shale & Slate			404	802		
Sand			802	814		
Sand & Shale			814	998		
Sand			998	1030		
Sand & Shale			1030	1196		
Sand			1196	1244		
Sand & Shale			1244	1670		
Sand			1670	1692		
Sand & Shale			1692	1862		
Big Lime			-1862	1942		
Injun Sand			1942	2012		
Shale			2012	2172		
<u>Weir Sand</u>			2172	2270		
Shale			2270	2356		
		Total depth		2356		(Logger)

PERFORATIONS:

1992-96 - 4 shots
2002-10 - 8 "
2168-80 - 5 "
2194-2200 - 3 shots
2244-68 - 10 shots

(over)

* Indicates Electric Log tops in the remarks section.

FEB 22 1977



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 October 26, 1976

Surface Owner Aaron Schwartzman, M.D.
2007 Nichols Ave.
Address Washington, D.C. 20020
Mineral Owner The Union National Bank
Atty. in Fact for
Address W. Brent Maxwell Heirs
XXXXXXX Clarksburg, West Virginia
Coal Owner Same
XXXXXX
Coal Operator None
Address _____

Company Allegheny Land & Mineral Company
Address Clarksburg, West Virginia
Farm W. B. Maxwell Acres 2400
Location (waters) Holt Run of South Fork of Hughes River
Well No. A-592 Elevation 1091'
District Southwest County Doddridge
Quadrangle Holbrook

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 2-27-77.

Robert H. Bell
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 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.

Very truly yours, ALLEGHENY LAND & MINERAL COMPANY
By Paul Matthews, Manager
(Sign Name)

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey Address
P. O. Box 879 of
Morgantown, W. Va. 26505 Well Operator

Land, Lease and Right of Way
P. O. Box 1740
Street
Clarksburg,
City or Town
West Virginia, 26301
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.

DOD-1841

PERMIT NUMBER

47-017

BLANKET BOARD

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 Clarksburg, West Virginia, 26301
 TELEPHONE _____ TELEPHONE 623-6671
 ESTIMATED DEPTH OF COMPLETED WELL: 2 500 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Berea
 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			
4 1/2	2 500'	2500'	Cement to 300' above
3			Perf. Top Berea Horizon
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60-80 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS No Coal.
 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