



New Location

Drill Deeper

Abandonment

Minimum Error of Closure ONE PART IN 200

Source of Elevation C.G.S.C. WELL 7041 - ELEV. 1243'

"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. BRENT MAXWELL

Tract _____ Acres 2400 Lease No. _____

Well (Farm) No. _____ Serial No. A-680

Elevation (Spirit Level) 1205'

Quadrangle HOLBROOK NE

County DODDRIDGE District SOUTHWEST

Engineer Daniel L. Mahan

Engineer's Registration No. 530 L.L.S.

File No. 142 Drawing No. I-322

Date 7-13-77 Scale 1" = 1000'

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

WELL LOCATION MAP
FILE NO. DOD-1870

+ 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 5 1977



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JUL 18 1977
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.
Aaron Schwartzman, M. D.
Surface Owner 2007 Nichols Avenue
Address Washington, D. C. 20020
Mineral Owner The Union National Bank
Address Atty. in Fact for W. B.
Maxwell Heirs.
Coal Owner Clarksburg, WV 26301
Address same
Coal Operator none
Address _____

DATE July 15th., 1977
Company Allegheny Land and Mineral Company
Address Clarksburg, WV 26301
Farm W. B. Maxwell Acres 2400
Location (waters) South Fork of Hughes River
Well No. A-680 Elevation 1205
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 11-20-77

[Signature]
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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

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

Address
of
Well Operator

Very truly yours, Allegheny Land and Mineral Co.

(Sign Name) By: [Signature] Manager
Land Lease and Right of Way
P. O. Drawer 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.

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 Co.
 ADDRESS _____ ADDRESS Clarksburg, WV
 TELEPHONE _____ TELEPHONE 623-6671
 ESTIMATED DEPTH OF COMPLETED WELL: 2650' 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			cement to 300' above
4 1/2	2650'	2650'	producing horizon
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40-80 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS none _____
 IS COAL BEING MINED IN THE AREA? _____ 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

JUL 18 1977

OIL & GAS DIVISION
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 18th day of April, 1977, granted by Consolidated Gas Supply Corporation.

GW



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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OCT 26 1977

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle HOLBROOK

Permit No. DOD-1870

Rotary X Oil _____
Cable _____ Gas (X)
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>				
Location (waters) <u>South Fork - Hughes River</u>	Size			
Well No. <u>A-680</u> Elev. <u>1205'</u>	20-16			
District <u>Southwest</u> County <u>Doddridge</u>	Cond.			
The surface of tract is owned in fee by <u>Aaron D. Schwartzman, M.D.; 2007 Nichols Ave.</u>	13-10"			
Address <u>Washington, D.C. 20020</u>	8 5/8	302'	302'	Cemented to surf.
Mineral rights are owned by <u>The Union National Bank</u>	5 1/2			
Atty. in fact for <u>W.B. Maxwell Hrs.</u>	5 1/2			
Address <u>Clarksburg, WV</u>	4 1/2	2391'	2391'	" " 1691'
Drilling Commenced <u>September 23, 1977</u>	3			
Drilling Completed <u>September 30, 1977</u>	2			
Initial open flow _____ cu. ft. _____ bbls.	Liners Used			
Final production _____ cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details: Attach copy of cementing record.
Well was fractured by Dowell - October 17, 1977
Final test: Open flow - 5/10 M - 2" = 348 MCF
Rock Pressure - 990# - 16 hrs.

Coal was encountered at none Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Weir Depth 2184 - 2295

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	15		
Sand & Shale			15	128		
Red Rock			128	230		
Sand & Shale			230	1068	2186 - 2196	6 shots
Sand			1068	1078	2212 - 2218'	4 "
Sand & Shale			1078	1156	2266 - 2274'	4 "
Sand			1156	1190	2278 - <u>2295'</u>	8 "
Sand & Shale			1190	1840		
Big Lime			-1840	1944		
Injun Sand			1944	2028		
Shale			2028	2184		
<u>Weir</u> Sand			2184	2295		
Shale			2295	2475		
		total depth		2475		(Driller)

(over)

* Indicates Electric Log tops in the remarks section.