

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure. ONE PART IN 200
 Source of Elevation C.G.S.C. WELL # 7046 ELEV. 870'

"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. BRENT MAXWELL

Tract _____ Acres 2400 Lease No. _____

Well (Farm) No. _____ Serial No. A-745

Elevation (Spirit Level) 1082'

Quadrangle HOLBROOK

County DODDRIDGE District SOUTH WEST

Engineer Daniel L. Wheeler

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

File No. 200 Drawing No. I-600

Date 4-13-78 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DODD-1890

+ 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 APR 28 1978

6-6 2200' (Main) STRAIGHT FK - BLUESTONE CK 133



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle HOLBROOK

Permit No. DOD-1890

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

Company Allegheny Land & Mineral Co.
Address Box 1740, Clarksburg, WV 26301
Farm W. B. Maxwell Acres 2,400
Location (waters) South Fork-Hughes River
Well No. A-745 Elev. 1082'
District Southwest County Doddridge
The surface of tract is owned in fee by Arron Swartzman, 2007 Nichols Ave., Washington, D.C.

Mineral rights are owned by Union Nat. Bank, Trustee for W. Brent Maxwell heirs
Address Clarksburg, WV

Drilling Commenced April 20, 1978

Drilling Completed May 1, 1978

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.

Well was fractured by Halliburton May 10, 1978

Final test: Open flow - 231 MCF

Rock Pressure - 1130# - 18 hrs.

Coal was encountered at none 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
Clay			0	20		
Sand & Shale			20	140		
Shale			140	880		
Sand			880	914		
Sand & Shale			914	1032		
Sand			1032	1066		
Sand & Shale			1066	1526		
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)

PERFORATIONS:

2048-2077' - 18 holes
2116-2148' - 18 holes

Baffle at 2106'

(over)

* Indicates Electric Log tops in the remarks section.

JUL 19 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
APR 21 1978
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE April 18, 1978

Surface Owner Arron Swartzman
Address 2007 Nichols Ave., Washington, D. C.

Company ALLEGHENY LAND AND MINERAL CO.
Address P. O. Drawer 1740, Clarksburg, WV

Mineral Owner Union National Bank, Trustee
for W. Brent Maxwell Heirs
Address Clarksburg, West Virginia 26301

Farm W. B. Maxwell Acres 2,400
Location (waters) South Fork of Hughes River

Coal Owner same
Address _____

Well No. A-745 Elevation 1082'
District Southwest County Doddridge

Coal Operator _____
Address _____

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 8-24-78.

INSPECTOR
TO BE NOTIFIED Paul Garrett
ADDRESS Clarksburg, W. Va.
PHONE 622-3871

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 & MINERAL CO.
(Sign Name) Paul Garrett Manager
Well Operator
Land, Lease and Right of Way
P. O. Drawer 1740
Street
Clarksburg
City or Town
West Virginia
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

DODD-1890 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."

47-017

Signed by _____

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
 TELEPHONE _____ TELEPHONE (304) 623-6671
 ESTIMATED DEPTH OF COMPLETED WELL: 2200 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	300'	300'	cement to surface
7			
5 1/2			cement to 300' above
4 1/2	2400'	2400'	producing horizon
3			Perf. Top
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

ALLEGHENY LAND AND MINERAL CO.

RECEIVED

APR 21 1978

COAL & 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 17th day of June, 1976.

RECEIVED
WV Division of
Environmental Protection

NOV 03 1994
Permitting
Office of Oil & Gas

- 1) Date: 10/20/94
- 2) Operator's well number
Maxwell A745
- 3) API Well No: 47 - 017 - 1890-F
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

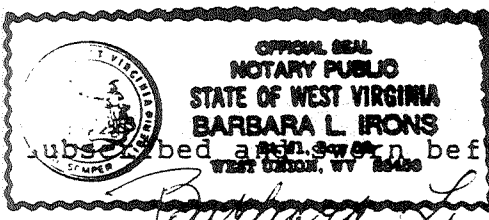
- 4) Surface Owner(s) to be served:
 - (a) Name Beatrice H. Schwartzman
 - Address 2530 30th St. SW
Washington, DC 20008
 - (b) Name _____
 - Address _____
 - (c) Name _____
 - Address _____
- 5) (a) Coal Operator:
 - Name N/A
 - Address _____
 - (b) Coal Owner(s) with Declaration
 - Name _____
 - Address _____
 - (c) Coal Lessee with Declaration
 - Name _____
 - Address _____
- 6) Inspector Mike Underwood
 - Address Rt 2 Box 135
Salem, WV 26426
 - Telephone (304)- 782-1043

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)
 I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:
 _____ Personal Service (Affidavit attached)
 Certified Mail (Postmarked postal receipt attached)
 _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
 I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.
 I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator CE Nesler, Agent
 By: Charles E. Nesler
 Its: Owner
 Address P.O. Box 154
West Union, WV 26456
 Telephone 304-873-1152



Subscribed and sworn to before me this 20th day of October, 1994
Barbara L. Irons Notary Public
 My commission expires February 3, 1998

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

20005

NOV 03 1994

4496

34675

(7) 526

Permitting
Operator: C. F. Nesler, Agent

Operator's Well Number: Maxwell A 745 3) Elevation: 1082'

Well type: (a) Oil / or Gas X /
(b) If Gas: Production / Underground Storage /
Deep / Shallow X /

Issued 11/23/94
Expires 11/23/96

Proposed Target Formation(s): Injun Sand ³⁷¹

6) Proposed Total Depth: 1900' feet

7) Approximate fresh water strata depths:

8) Approximate salt water depths:

9) Approximate coal seam depths: None

10) Does land contain coal seams tributary to active mine? Yes / No X /

11) Proposed Well Work: Perforate Injun and Frac Injun

12) Remove Plug or mangle with well:
CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	8 5/8				300ft	
Fresh Water						
Coal	none					
Intermediate						
Production	4 1/2				2295 ft	to 1536 ft
Tubing						
Liners						

Exposure from Well Heads
ok w/

PACKERS : Kind none
Sizes N/A
Depths set n/a

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
Plat WW-9 WW-2B Bond Blanket Agent

3235
35