



Structure
 Redrill
 New Location
 Drill Deeper
 Abandonment

Source of Elevation RD'D. H.M.S. WELL NO 8337, ELEV. 1161'

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.

Minimum accuracy, one part in 200

Company ALLEGHENY LAND & MINERAL CO.
 Address CLARKSBURG, W.VA. 26301
 Farm ALBERT WOOFTER
 Tract _____ Acres 245 Lease No. _____
 Well (Farm) No. _____ Serial No. A-455
 Elevation (Spirit Level) 1152'
 Quadrangle VADIS SE 2²
 County LEWIS District FREEMANS CK.
 Engineer R. S. McMillan
 Engineer's Registration No. 105 L.L.S.
 File No. 221/92 Drawing No. _____
 Date 4-29-72 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. New-1864

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Vadis
Permit No. Lew-1864

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

Company Allegheny Land Mineral Co.
Address Clarksburg, W. Va.
Farm Albert Woofter Acres 245
Location (waters) Rush Run
Well No. A-155 Elev. 1152
District Freemans Creek County Lewis
The surface of tract is owned in fee by Miss Dale Woofter, 315 Mid. Ave
Address Weston, W. Va.
Mineral rights are owned by Miss Dale Woofter et al
Address _____
Drilling Commenced July 30, 1972
Drilling Completed August 19, 1972
Initial open flow _____ cu. ft. _____ bbls.
Final production 2700 MCF per day _____ bbls.
Well open _____ hrs. before test 2400/RP
Well treatment details: 72 hr.
Fractured 8-29-72 By Dowell

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 20"	14'	14'	Cemented to surface
13-10"	13"	116'	Cemented to surface
9 5/8"		1612'	Cemented to surface
8 5/8"			
7"			
5 1/2"	7016'	7016'	Cemented 1000 feet 250 bags Cement
4 1/2"			
3"			
2"			
Liners Used			

Attach copy of cementing record.

2,700 MCF

Coal was encountered at 456 ~~to~~ to 461 Inches
Fresh water Show Feet 1035 Salt Water _____ Feet
Producing Sand Chert & Oriskany Depth _____
Huntersville

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay		-	0	5		
Shale		-	5	14		
Sandstone		-	14	174	Water 35	Show
Sand & shale		-	174	354		
Sand		-	354	456		
COAL	*****	-	456	461		
Sand & shale		-	461	943	Oil & Gas 533	Show
Sand		-	943	1129	Water 1060	Show
Sand & shale		-	1129	1287		
Shale		-	1287	1338		
Big Lime		-	1338	1482	4 1/2" casing perforated:	
Injun Sand		-	1482	1532	6705 to 6796	- 21 holes
Sandy shale		-	1532	1616	6818 to 6868	- 12 "
Shale		-	1616	1682	6950 to 6954	- 4 "
Sand & shale		-	1682	1964		
Gordon Sand		-	1964	2060		
Sand & shale		-	2060	2102		
1/4" sand		-	2102	2112		
Shale		-	2112	2200		
5th sand		-	2200	2230		
Sand & shale		-	2230	2826		
Shale		-	2826	4280		
Hanson Sand		-	4280	4301		

91
50
4
145
RECEIVED
SEP 15 1972
OIL & GAS DIVISION
DEPT. OF MINES

(over)

* Indicates Electric Log tops in the remarks section.

SEP 25 1972

7045
4301
2744 expl. footage
1972



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAY 17 1972

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 May 16th., 1972

Surface Owner Miss Dale Woofter

Company Allegheny Land and Mineral Company

Address 315 Mid Ave., Weston, WV. 26452

Address Box 1479, Clarksburg, WV. 26301

Mineral Owner Miss Dale Woofter, et al.

Farm Albert Woofter Acres 245

Address 315 Mid Ave., Weston, WV. 26452

Location (waters) Rush Run

Coal Owner same

Well No. A-455 Elevation 1152'

Address _____

District Freemans Creek County Lewis

Coal Operator none

Quadrangle VADIS SE

Address _____

INSPECTOR TO BE NOTIFIED Mr Paul Thomas
Box 12 PH: 472-6418

Buckhannon
WV. 26201

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 Sept. 17, 1972.

Robert L. Ald
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 sheets 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.

Very truly yours, ALLEGHENY LAND AND MINERAL CO.

(Sign Name) BY Paul B. Matthews
Manager Well, Lease and R/W
Box 1479

Address _____ Street
of _____
Well Operator _____ 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.

BLANKET BOARD

Lew-1864 PERMIT NUMBER

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 Burtner-Morgan-Stephens NAME Allegheny Land and Mineral Company
 ADDRESS _____ ADDRESS Box 1479, Clarksburg, WV. 26301
 TELEPHONE _____ TELEPHONE 624-7659
 ESTIMATED DEPTH OF COMPLETED WELL: 7200' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 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	400'	400'	cement to surface
9 - 5/8	1800'	1800'	cement to surface
8 - 5/8			
7			
5 1/2			cement to 100' above
4 1/2	7200'	7200'	the Oriskany sand
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 700' FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS This location is below the workable coal beds in this 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