



New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <i>ONE PART IN 200</i> Source of Elevation <i>CARNEGIE NATURAL GAS CO. WELL #5 - ELEV. 1527'</i>  "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."
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Company ALLEGHENY LAND & MINERAL CO.  
 Address CLARKSBURG, W. VA. 26301  
 Farm NANCY BELCH, E.M. Hydr-surf  
 Tract \_\_\_\_\_ Acres 57 Lease No. \_\_\_\_\_  
 Well (Farm) No. \_\_\_\_\_ Serial No. A 557  
 Elevation (Spirit Level) 1368' DF 1378  
 Quadrangle CENTERPOINT NE Holston  
 County WETZEL District GRANT  
 Engineer Daniel S. Kneeler  
 Engineer's Registration No. 530 L.L.S.  
 File No. 35 Drawing No. \_\_\_\_\_  
 Date 3-22-76 Scale 1" = 40 POLES

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

**WELL LOCATION MAP**  
 FILE NO. WET - 605

+ 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.

**47-103**

G.L.B.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

Quadrangle CENTERPOINT  
Permit No. WET-605

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

Company Allegheny Land & Mineral Co.  
Address Box 1740, Clarksburg, WV 26301  
Farm Nancy Belch Acres 57  
Location (waters) Archers Fork of S. Fork of Fishing Creek to Ohio River  
Well No. A-557 Elev. 1368'  
District Grant County Wetzel  
The surface of tract is owned in fee by \_\_\_\_\_  
Ella M. Hyre, 605 Buckhannon Ave.,  
Address Clarksburg, WV 26301  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling Commenced April 7, 1976  
Drilling Completed April 11, 1976  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	16'	0	
9 5/8			
8 5/8	1126'	1126'	Cement to surface
7			
5 1/2			
4 1/2	3260'	3260'	Cement to 2100'
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fractured by Dowell 4-28-76  
Rock Pressure 500# - 24 hrs.  
Open Flow - 20/10 Merc. - 2" = 696 MCF

Coal was encountered at 1071 Feet \_\_\_\_\_ Inches  
Fresh water @ 135' Feet \_\_\_\_\_ Salt Water none Feet \_\_\_\_\_  
Producing Sand Injun & Gordon Depth 2404-2472'; 3118-62, 3180-92

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	5		
Shale			5	100		
Sand & Shale			100	587		
Sand			587	637		Water @ 135' - 1" stream
Sand & Shale			637	1071		
Coal *****			1071	1080		Coal *****
Sand & Shale			1080	1211		
Red Rock & Sand Streaks			1211	1412		
Sand & Shale			1412	1584		
Sand			1584	1608		
Sand & Shale			1608	2308		
Little Lime			2308	2328		
Big Lime			2328	2404		
<u>Injun Sand</u>			2404	2472		2403 - 2405' - 4 shots } Injun
Slate & Shale			2472	3060		2409 - 2416' - 14 " }
Sand			3060	3078		3122 - 3124' - 3 " }
Slate & Shale			3078	3118		3138 - 3142' - 4 " }
<u>Gordon Sand</u>			3118	3162		3157 - 3158' - 2 " }
<u>Shale &amp; Sand</u>			3162	3180		3182 - 3187' - 4 " }
<u>Gordon Sand</u>			3180	3192		
Sandy Shale			3192	3350		
		total depth		3350		Driller

(over)

\* Indicates Electric Log tops in the remarks section.

RECEIVED

MAR 24 1975

Under lease or grant dated the 30th. day of October, 1974, by Ella M. Hyre, a widow, unto Consolidated Gas Supply Corporation. This lease was recorder on the 26th. day of November, 1974, in Deed or Lease Book 55-A at Page 169, in the office of the County Clerk of Wetzel County, WV.

Allegheny Land and Mineral Company is vested in the drilling rights of this lease by virtue of an agreement dated the 10th. day of October, 1975, granted by Consolidated Gas Supply Corporation

GW



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

MAR 23 1976

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE March 25th., 1976

Surface Owner Ella M. Hyre

Company Allegheny Land and Mineral Company

Address 605 Buckhannon Ave., Clarksburg, WV

Address Clarksburg, West Virginia 26301

Mineral Owner same

Farm Nancy Belch Acres 57

Address \_\_\_\_\_

Archers Fork of South Fork of Fishing Cree  
Location (waters) to Ohio River

Coal Owner Consolidation Coal Company

Well No. A-557 Elevation 1368'

Address P. O. Box 1632, Farimont, WV. 26554

District Grant County Wetzel

Coal Operator none at present

Quadrangle CENTERPOINT

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 7-29-76

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Donald Conner  
PH: 428-8172 ADDRESS Mineral Wells, 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  
AC 304-296-4461

Very truly yours, ALLEGHENY LAND AND MINERAL CO.  
(Sign Name) By: [Signature] Manager

Well Operator  
Land - Lease and Right of Way  
P. O. Box 1740  
Street

Address  
of  
Well Operator

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.

BLANKET BOND

WET-605 PERMIT NUMBER

47-103

**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 Union Drilling, Inc. NAME Allegheny Land and Mineral Co.  
 ADDRESS Buckhannon, WV 26201 ADDRESS Clarksburg, WV 26301  
 TELEPHONE \_\_\_\_\_ TELEPHONE 623-6671  
 ESTIMATED DEPTH OF COMPLETED WELL: 3450' ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Gordon  
 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'	<del>cement to surface</del>
13 - 10			
9 - 5/8			
8 - 5/8	1120'	1120'	<del>cement to surface</del>
7			
5 1/2			<del>cement to 300' above</del>
4 1/2	3450'	3450'	<del>Gordon horizon</del>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40-80 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS 1080' approximately \_\_\_\_\_, \_\_\_\_\_  
 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