

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure ... One part in 200
 Source of Elevation ... C.G.S.C. Well 8030 Elev. 1092'
 "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 ROY LAW
 Tract _____ Acres 100 Lease No. _____
 Well (Farm) No. 2 Serial No. A-531
 Elevation (Spirit Level) 1215'
 Quadrangle WESTON N.W. 1³
 County HARRISON District UNION
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. 6 Drawing No. _____
 Date 9-10-75 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. HAR-914

+ 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.

47-033



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle WESTON NW

Permit No. Har-914

Rotary Oil _____
Cable _____ Gas
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, W^v 26301</u>				
Farm <u>Roy Law</u> Acres <u>100 part of 200 acres</u>				
Location (waters to <u>West Fork River</u>) <u>Stone Coal Run to Isaac Ck.</u>	Size			
Well No. <u>2-A-531</u> Elev. <u>1215'</u>	20-16			
District <u>Union</u> County <u>Harrison</u>	Cond.			
The surface of tract is owned in fee by <u>Clarence Mutschelknaus, et al., Rt. 3</u>	13-10"	10'	none	
Address <u>Box 25A, Salem, WV 26426</u>	9 5/8			
Mineral rights are owned by <u>Ira Blen Law, Agt., et al. Address Rt. 2, Jane Lew, WV 26378</u>	8 5/8	436'	436'	Cement to surface
Drilling Commenced <u>October 22, 1975</u>	7			
Drilling Completed <u>October 26, 1975</u>	8 1/2			
Initial open flow <u>90,000 MGF</u> ft. _____ bbls.	4 1/2	4714'	4714'	" " 2900'
Final production <u>1,007 MGF</u> ft per day _____ bbls.	3			
Well open <u>2</u> hrs. before test <u>1570# RP</u> after <u>96</u> hrs.	2			
Well treatment details:	Liners Used			

Fractured November 17, 1975 by Halliburton.

l. J. card refs. 3466-67, 3473-74, 3482-85, 3493-94, 4607-11, 4614-17

Coal was encountered at 194-212' Feet _____ Inches _____
Fresh water 42' & 54' Feet _____ Salt Water none Feet _____
Producing Sand Benson Depth 4606 - 4618'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Slate & Shale			0	194	Water @ 42' & 54'	
Slate & Coal *****			194	212	Coal *****	
Slate & Shale			212	1620		
Big Lime Sand			1620	1710		
Injun Sand			1710	1798		
Slate & Shale			1798	2530	Gas @ 1892 2/10 1" P w/H ₂ O	
4th Sand			2530	2542	Gas @ 2355 1 8/10 2" P	"
Slate & Shale			2542	2570		
5th Sand			2570	2584		
Slate & Shale			2584	3230	Gas @ 3225 12/10 2" P	"
Sand			3230	3238		
Slate & Shale			3238	4606	Gas @ 3285 15/10	" "
Benson Sand			4606	4618	Gas @ 4273 17/10	" "
Slate & Shale			4618	4740	Gas @ 4512 13/10	" "
Total depth				4740		
					<u>Perforations:</u>	
					Benson	4608 1/2 - 4618 1/2 - 10 shots
						3462 1/2 - 3490 1/2 - 10 shots

Ben
Balltown

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

SEP 11 1975

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

Clarence Mutschelknaus, et al.

Surface Owner Route # 3, Box 25A

Address Salem, WV 26426

Mineral Owner Ira Blen Law, Agt., et al.

Address Route 2, Jane Lew, WV 26378

Coal Owner Willis G. Tetrick, Jr., et al.

Address Clarksburg, WV 26301

Coal Operator none

Address _____

DATE September 10, 1975

Company Allegheny Land and Mineral Company

Address Clarksburg, WV 26301

Farm Roy Law Acres of 200 acres.

Location (waters) to West Fork River

Well No. A-531 Elevation 1215'

District Union County Harrison

Quadrangle WESTON NW

NOTE: Coal is leased to Consolidation Coal Company
Mountaineer Coal Company
Box 1632
Fairmont, WV 26554

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 1-11-76.

INSPECTOR TO BE NOTIFIED Paul Garrett
Phone: 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 sheet 19 by _____ made to _____ and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

[Signature]
Deputy Director - Oil & Gas Division

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
Martinsburg, W. Va. 26505
Phone: 304-296-4461

Very truly yours, Allegheny Land and Mineral Co.

(Sign Name) [Signature] By: [Signature] Manager

Land - Lease and Right of Way

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

Har-914 PERMIT NUMBER

47-033

[Signature]

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: 4600' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 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	400'	400'	cement to surface
7			
5 1/2			cement 300' above Benson horizon
4 1/2	4600'	4600'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 52&171 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 166' Pittsburgh seam
 IS COAL BEING MINED IN THE AREA? Strip mining BY WHOM? Paul Harrold

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.

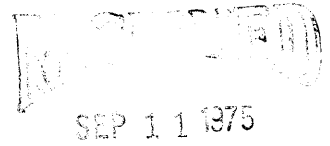
WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

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.



Under lease or grant dated the 26th. day of February, 1901, by W. A. Law and R. E. Law, his wife, unto the South Penn Oil Company, subsequently Consolidated Gas Supply Corp., which lease is of record in the office of the County Clerk's Office of Harrison County, West Virginia, in Deed Book 121 at Page 209, being recorded the 6th. day of May, 1901.

Allegheny Land and Mineral Company is vested with the drilling rights of said lease under an agreement dated the 26th. day of December, 1974, granted by Consolidated Gas Supply Corporation.

GW