

New Location  Drill Deeper  Abandonment  5/3/78

Minimum Error of Closure ONE PART IN 200  
 Source of Elevation: RD. INTERSECTION 48/3 & 48/14 ELEV. 1065'

"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 L. A. YOUNG, Max Webb  
 Tract \_\_\_\_\_ Acres 68 Lease No. 69309  
 Well (Farm) No. 1 Serial No. A-709  
 Elevation (Spirit Level) 1302'  
 Quadrangle WESTON Mt. Clara 7 1/2  
 County HARRISON District ELK  
 Engineer Daniel B. Mueller  
 Engineer's Registration No. 530 L.L.S.  
 File No. 170 Drawing No. B-1099  
 Date 12-9-77 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. HAR-1190 - P

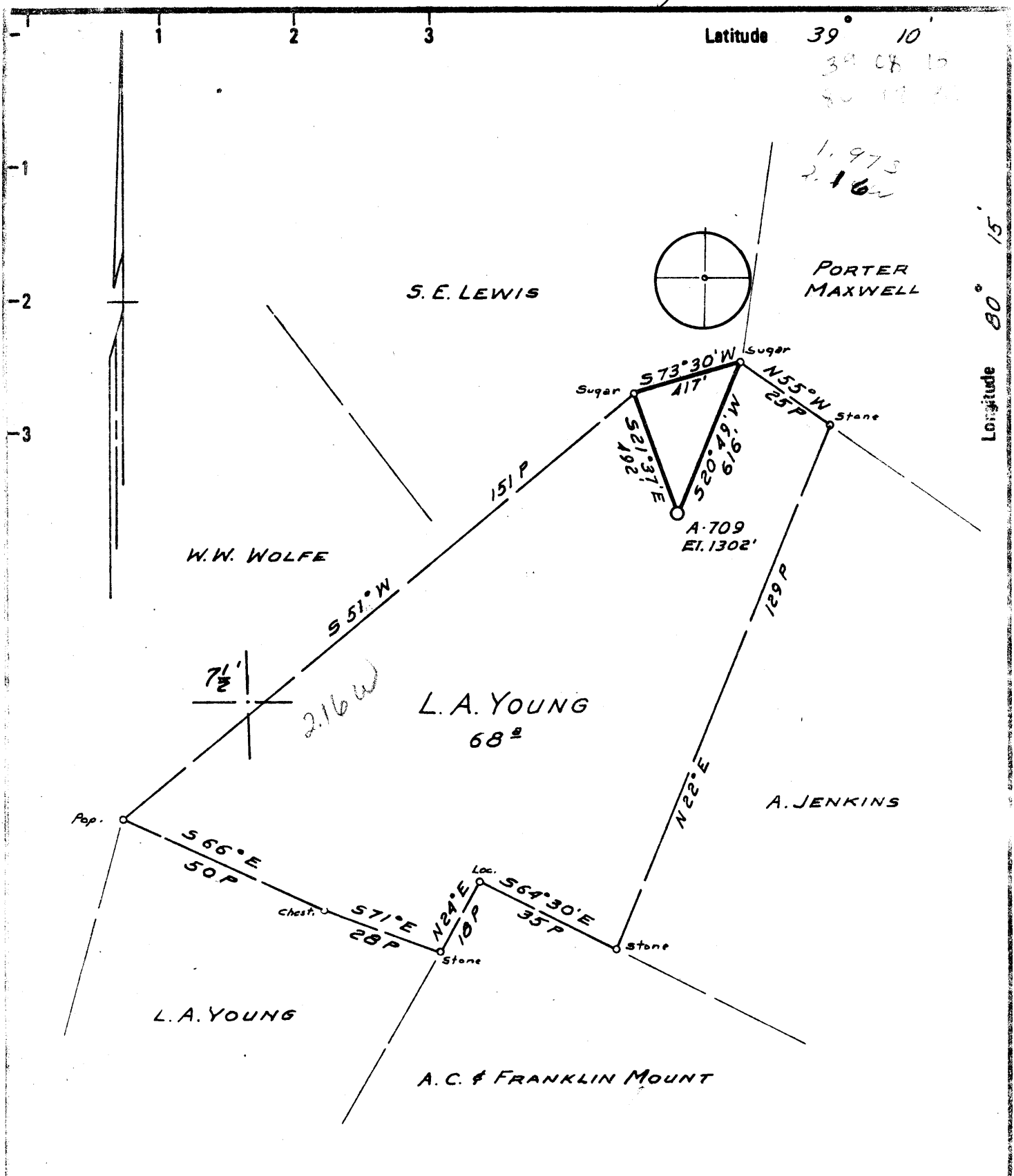
EC

+ 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 JUL 10 1978

12/9/77



Minimum Error of Closure ONE PART IN 200  
 Source of Elevation RD. INTERSECTION 48/3 & 48/4 ELEV. 1065'

"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."

New Location   
 Drill Deeper   
 Abandonment

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 Tract \_\_\_\_\_ Acres 68 Lease No. 69309  
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 Engineer Donal L. Wheeler  
 Engineer's Registration No. 530 L.L.S.  
 File No. 170 Drawing No. B-1099  
 Date 12-9-77 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. HAR-1190

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle WESTON  
Permit No. HAR-1190

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb.   
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ *Dry*  
(Kindy)

Company Allegheny Land & Mineral Co.  
Address Box 1740, Clarksburg, WV 26301  
Farm L. A. Young Acres 68  
Location (waters) Blue Lick  
Well No. A-709 Elev. 1302'  
District Blk County Harrison  
The surface of tract is owned in fee by \_\_\_\_\_  
Max Webb, Rt. 2, Box 98-A  
Address Lost Creek, WV  
Mineral rights are owned by Lloyd H. Young,  
et al, Address 140 Ridenour, Clarksburg, WV  
Drilling Commenced April 26, 1978  
Drilling Completed May 2, 1978  
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 <del>10</del> 3/8"	32'	32'	Cement to surf.
9 5/8			" " "
8 5/8	2109'	2109'	" " "
7			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Sands were found to be non-productive and well was abandoned May 3, 1978.

Coal was encountered at 765-770' Feet \_\_\_\_\_ Inches  
Fresh water 1" @ 30' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	27		
Sand & Red Rock			27	200		
Sand & Shale			200	765		Water - 1" @ 30'
Coal *****			765	770		Coal *****
Sand & Shale			770	1540		
Big Lime			1540	1568		
Injun Sand			1568	1660		
Sand & Shale			1660	2450		
5th Sand			2450	2480		
Sand & Shale			2480	2898		
Sand			2898	2940		
Sand & Shale			2940	3476		
Sand			3476	3486		
Sand & Shale			3486	4200		
Riley Sand			4200	4220		
Sand & Shale			4220	4432		
Benson Sand			4432	4448		
Sand & Shale			4448	4557		
			total depth	4557 (Driller)		
			Abandoned 5-3-78			

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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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 December 14, 1977

Surface Owner Max Webb  
Address Rt. 2, Box 98-A, Lost Creek, WV  
Mineral Owner Lloyd H. Young, et al  
Address 140 Ridenour, Clarksburg, WV  
Coal Owner no effect  
Address \_\_\_\_\_  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

Company ALLEGHENY LAND & MINERAL CO.  
Address P. O. Drawer 1740, Clarksburg, WV  
Farm L. A. Young Acres 68  
Location (waters) Blue Lick  
Well No. A-709 Elevation 1302'  
District Elk County Harrison  
Quadrangle Weston

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 no effect  
operations have not commenced by 4-22-78

Robert L. [Signature]  
Deputy Director - Oil & Gas Division

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

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) [Signature] 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

HAR-1190 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."

47-033

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  
 TELEPHONE \_\_\_\_\_ TELEPHONE (304) 623-6671  
 ESTIMATED DEPTH OF COMPLETED WELL: 4400' 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	600'	600'	cement to surface
7			
5 1/2			
4 1/2	4400'	4400'	cement to 300' above producing horizon
3			
2			Perf. Top
Liners			Perf. Bottom
			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60-80 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS no effect - below cropline of same  
 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.

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DEC 20 1977

OIL & GAS DIVISION  
DEPT. OF MINES

Under this lease or grant dated the 21st day of January, 1960, by L. H. Young, et al unto Hope Natural Gas Company subsequently Consolidated Gas Supply Corporation.

This lease was recorded on the 19th day of February, 1960 in lease book 833, page 416 in the office of the County Clerk of Harrison County, West Virginia.

Allegheny Land and Mineral Company is vested with the drilling rights of this lease by virtue of an agreement dated the 22nd day of July, 1977, granted by Consolidated Gas Supply Corporation.

ALLEGHENY LAND AND MINERAL CO.

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