



- Fracture...
- Redrill...
- New Location
- Drill Deeper...
- Abandonment...

Source of Elevation **BM on Culvert - 1386'**

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 Company	
Address Clarksburg, West Virginia 26301	
Farm J.R. McVicker	
Tract 17.75	Acres 116.25 Lease No. 72878
Well (Farm) No. _____	Serial No. A-608
Elevation (Spirit Level) 1475'	
Quadrangle Philippi NE 2	
County Barbour	District Pleasant
Engineer E. A. McChesney	
Engineer's Registration No. L.L.S. 105	
File No. 74	Drawing No. B-621
Date 10-9-76	Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. **BAR-801**

+ 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.

47-001

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OCT 18 1976

DEPT. OF REVENUE

Under lease or grant dated the 13th. day of September, 1963, by James R. and Norma Jean McVicker to Hope Natural Gas Company subsequently Consolidated Gas Supply Corporation, this lease was recorded on the 14th. day of November, 1963, in Deed or Lease Book 48 at Page 114, in the office of the County Clerk of Barbour County, West Virginia.

Allegheny Land and Mineral Company is vested with the drilling rights of this lease by virtue of an agreement dated the 28th. day of May, 1976, granted by Consolidated Gas Supply Corporation

GW



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle PHILIPPI

Permit No. BAR-801

Company Allegheny Land & Mineral Co.
 Address Box 1740, Clarksburg, WV 26301
 Farm J. R. McVicker Acres 17.75

Location (waters) Mitchell Run
 Well No. A-608 Elev. 1475'
 District Pleasant County Barbour

The surface of tract is owned in fee by _____
J.R. McVicker, Rt. 2, Box 110A
 Address Moatsville, WV 26405

Mineral rights are owned by same
 Address _____

Drilling Commenced March 10, 1977

Drilling Completed March 16, 1977

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 April 21, 1977 by Halliburton

Final test: Open flow - 169 MCF

Rock Pressure - 820# - 7 days

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	705'	705'	Cement to surf.
7			
5 1/2			
4 1/2	3041'	3041'	" " 2241'
3			
2			
Liners Used			

Coal was encountered at 305-09'; 315-19'; 384-92' Inches
 Fresh water 32' Feet _____ Salt Water _____ Feet _____
 Producing Sand ~~XXXXXXXX~~ Balltown Depth 2942 - 2964'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	12		
Sand & Shale			12	305	1" Water @ 32'	
Coal *****			305	309	Coal *****	
Sand			309	315		
Coal *****			315	319	Coal *****	
Sand			319	384		
Coal *****			384	392	Coal *****	
Sand & Shale			392	1242		
Big Lime			1242	1322		
Injun Sand			1322	1374		
Sand & Shale			1374	2202		
Sand			2202	2224		
Sand & Shale			2224	2942		
<u>Balltown Sand</u>			2942	2964		
Sand & Shale			2964	4086		
<u>Benson Sand</u>			4086	4094		
Sand & Shale			4094	4330		
		Total depth		4330	(Driller)	
						(Partial abandonment - March 16, 1977) over

PERFORATIONS:

2943 - 2960' - 17 shots

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 18th., 1976

Surface Owner J. R. McVicker Company Allegheny Land and Mineral Co.
 Address Rt. 2, Box 110A, Moatsville, WV 26405 Address Clarksburg, West Virginia 26301
 Mineral Owner same Farm J. R. McVicker Acres 17.75 a part of 116.25
 Address _____ Location (waters) Mitchell Run of Tygart Valley River
 Coal Owner Republic Steel Corporation Well No. A-608 Elevation 1475'
 Address c/o Kitt Mine District Pleasant County Barbour
~~Geophysical~~ Route 3, Box 146 Quadrangle PHILIPPI NE
~~Address~~ Philippi, West Virginia 26416
 and _____

Hillman Coal & Coke Company
Grant Building
Pittsburgh, Pennsylvania 15200

THIS PERMIT MUST BE POSTED AT THE WELL SITE

INSPECTOR
TO BE NOTIFIED Bill Hatfield
ADDRESS Buckhannon, W.Va.
PHONE 472-4268

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 6-9-77

GENTLEMEN:

Robert L. ...
Deputy Director, Oil & Gas Division

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

Very truly yours, Allegheny Land and Mineral Co.
 (Sign Name) By: *Carl P. ...* Manager
 Land - Lease and Right of Way
 P. O. Drawer 1740
 _____ Street
 _____ 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.

Bar-801 PERMIT NUMBER
47-001

BLANKET BOARD

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, West Virginia 26301
 TELEPHONE _____ TELEPHONE 623-6671
 ESTIMATED DEPTH OF COMPLETED WELL: 4200' 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			cement to 300' above Benson horizon
4 1/2	4200'	4200'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 120' FEET _____ SALT WATER _____ FEET _____

APPROXIMATE COAL DEPTHS 370' through 390' _____

IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Republic Steel Corporation
KITT MINE

TO DRILL: (see address on front of OG-1)
 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 GG - 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