



(was HNG # 2166)

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

Source of Elevation *TYL. 001-A, elev. 965'*

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	<i>EQUITABLE GAS CO. WVA. DIV.</i>	
Address	<i>PITTSBURGH, PA. 15219</i>	
Farm	<i>ADDIE KEYS</i>	
Tract	Acres <i>36</i>	Lease No. <i>26186</i>
Well (Farm) No.	<i>1</i>	Serial No. <i>5479</i>
Elevation (Spirit Level)	<i>1026'</i>	
Quadrangle	<i>WEST UNION NE 4-20</i>	
County	<i>TYLER</i>	District <i>M'ELROY</i>
Engineer	<i>R. J. McWilliams</i>	
Engineer's Registration No.	<i>105 L.L.S.</i>	
File No.	<i>222/100</i>	Drawing No.
Date	<i>3-14-73</i>	Scale <i>1" = 500'</i>

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

**WELL LOCATION MAP**  
FILE NO. *Tyl-457-Red W*

+ 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.



RECEIVED  
AUG 29 1973

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle West Union NE 4.3

Permit No. TYL-457 - Red

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

Company <u>Equitable Gas</u> 15219	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>420 Blvd. of the Allies, Pgh., Pa.</u>				
Farm <u>Addie Keys</u> Acres <u>36</u>	Size			
Location (waters) <u>Jefferson Run</u>	20-16			
Well No. <u>5479</u> Elev. <u>1026</u>	Cond.			
District <u>McElroy</u> County <u>Tyler</u>	13- <del>XX</del> *	42	42	20 sks. to surf.
The surface of tract is owned in fee by <u>Paul Weekley</u>	9 5/8			
Address <u>Wilbur, W. Va. 26459</u>	8 5/8 **	700		230 sks. to surf.
Mineral rights are owned by <u>Addie Keys</u>	7 ***			
Address <u>Wilbur, W. Va. 26459</u>	5 1/2	1935	1935	240 sks. to surf.
Re-Drilling Commenced <u>3-19-73</u>	4 1/2			
Re-Drilling Completed <u>8-13-73</u>	3			
Initial open flow _____ cu. ft. _____ bbls.	2			
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				
Well treatment details:				

Attach copy of cementing record.  
\* Old 10" in hole from 37' to 240'  
\*\* Ran 700' of new 7" and cemented to surface with 230 sks. Old 7" in hole from 719' to 1134.  
\*\*\* Old 7" in hole from 1861 to 1884.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet  
Producing Sand Big Injun gas storage Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Big Dunkard Sand			1008	1016		
Gas Sand			1128	1180		
Salt Sand			1277	1664		
Maxton Sand			1748	1787		
Little Lime			1810	1825		
Blue Monday Sand			1840	1860		
Big Lime			1870	1932		
<u>Big Injun Sand</u>			1936	2086		
Weir Sand			2250	2341		
Gordon Stray Sand			2578	2594		
Gordon Sand			2669	2674		
Redrilled to				2690		
Cement Plug Back to				1971		
Completed Total Depth				<u>1971</u>		

1870  
1026  
-----  
844

Note: Gamma Ray Survey from surface to 2686.

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
MAR 19 1973  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE March 15, 1973

Surface Owner Paul Weekley  
Address Wilbur, West Virginia 26459  
Mineral Owner Addie Keys  
Address Wilbur, West Virginia 26459  
Coal Owner Addie Keys  
Address Wilbur, West Virginia 26459  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

Company Equitable Gas  
Address Pittsburgh, Pennsylvania 15219  
Farm Addie Keys Acres 36  
Location (waters) Jefferson Run of Island creek  
Well No. 5479 Elevation 1026  
District McElroy County Tyler  
Quadrangle West Union NE 4.3

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 Redrilling. This permit shall expire if  
operations have not commenced by 7/20/73.

INSPECTOR TO BE NOTIFIED Mr. Harry Stevens  
Box 206 PH: 354-7719  
Grantville  
W. Va. 26147

David Wood  
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 November 21, 1972 by Addie Keys made to Equitable Gas Company and recorded on the 29th day of January 1973, in Tyler County, Book 195 Page 372

NEW WELL DRILL DEEPER XX 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, S. M. Linger  
(Sign Name) Equitable Gas Company  
Well Operator

Address of Well Operator  
420 Boulevard of the Allies Street  
Pittsburgh, Pennsylvania City or Town  
15219 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

Dyl-457-Red PERMIT NUMBER

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X Re DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME H. E. Gardner, Div. Supt.  
 ADDRESS \_\_\_\_\_ ADDRESS Box 1550, Clarksburg, W. Va. 26301  
 TELEPHONE \_\_\_\_\_ TELEPHONE (304) 624-6576  
 ESTIMATED DEPTH OF COMPLETED WELL: 1990 ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB. \_\_\_\_\_ STORAGE XX 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			
13 - 10			
9 - 5/8	1056	1056	Cem. to surface
8 - 5/8			
7			
5 1/2	1925	1925	Cem. to surface
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS No mineable coal \_\_\_\_\_  
 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