



O. Underwood  
54 1/2 ac.

31135  
2169W

OLIVE I. STEWART  
82 AC.

CHAS. V. WELCH  
15 AC.

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

Source of Elevation Road Fk. Pratt Run, Elev 822' USGS

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 EQUITABLE GAS CO. WVA DIV  
 Address PITTSBURGH, PA. 15219  
 Farm OLIVE I. STEWART  
 Tract \_\_\_\_\_ Acres 82 Lease No. 5456  
 Well (Farm) No. \_\_\_\_\_ Serial No. 5464  
 Elevation (Spirit Level) 1201'  
 Quadrangle WEST UNION SE 2<sup>1</sup> EC  
 County TYLER District M<sup>c</sup>ELROY  
 Engineer [Signature]  
 Engineer's Registration No. 105 L.L.S.  
 File No. 222/44 Drawing No. \_\_\_\_\_  
 Date 6/3/72 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. Syl-439-Red.

+ 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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle West Union SE 2.1

Permit No. TYL-439-Red

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

Company Equitable Gas 15219  
Address 420 Blvd. of the Allies, Pgh., Pa.  
Farm Olive J. Stewart Acres 82  
Location (waters) Pratts Run  
Well No. 5464 Elev. 1201  
District McElroy County Tyler  
The surface of tract is owned in fee by Henry J. Liebmann  
Address 758 Colony Circle, Pgh., Pa. 15243  
Mineral rights are owned by Nina Sessler  
Address Box 523, New Baden, Ill.  
Drilling Commenced 7-20-72 62265  
Drilling Completed 10-24-72  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.  
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 10-10"	227	227	100 sks.
9 5/8			
8 5/8	1306	1306	488 sks.
7			
5 1/2	2108	2108	200 sks. to 1106 gel to 0
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet  
Producing Sand Big Lime - Inj. Storage Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			134	156		Gamma Ray Survey from 100 to 2156  2062 1201 861
Sand			528	572		
Sand			734	752		
Pittsburgh Coal			818	824		
Big Dunkard Sand			1270	1276		
Gas Sand			1312	1362		
Salt Sand			1452	1472		
Salt Sand			1635	1724		
Salt Sand			1806	1906		
Maxton Sand			1943	2010		
Little Lime			2020	2038		
Big Lime			2062	2114		
Big Injun			2119			
Total Depth				2156		

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JUN 30 1972

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Henry J. Liebmann  
Address RFD, Middlebourne, W. Va.  
Mineral Owner Nina Sessler  
Address Box 523, New Baden, Ill. 62265  
Coal Owner Nina Sessler  
Address Same as above.  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

DATE June 28, 1972  
Company Equitable Gas Co.  
Address 420 Blvd. Allies, Pgh., Pa. 15219  
Farm Olive I. Stewart Acres 82  
Location (waters) Pratt Run  
Well No. 5464 Elevation 1201  
District McElroy County Tyler  
Quadrangle West Union SE 2.1

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 10-30-72.

*Mr. Rich*  
INSPECTOR TO BE NOTIFIED Null  
Box 296 PH: 775-5611  
Hundred  
W.Va. 26575

*Robert J. Bell*  
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 Mar. 18 1902 by Olive I. Stewart made to J. L. Newman and recorded on the 27th day of June 1910, in Tyler County, Book 69 Page 42

\_\_\_\_\_ 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 Co.  
Well Operator

Address  
of  
Well Operator

420 Blvd. of the Allies  
Street  
Pittsburgh,  
City or Town  
Pa. 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

439-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 O. H. Shaw, Div. Supt.  
 ADDRESS \_\_\_\_\_ ADDRESS Box 1550, Clarksburg, W. Va. 26301  
 TELEPHONE \_\_\_\_\_ TELEPHONE (304) 624-6576  
 ESTIMATED DEPTH OF COMPLETED WELL: 2150 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			
<del>12</del> 10	179	179	179 to surface
9 - 5/8			
8 - 5/8	1328	1328	1328 to surface
7			
5 1/2	2110	2110	2110 to 1128
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

FOR [Signature]