



2.31 S  
3.51 W

39 23 00  
80 48 55

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

Source of Elevation WILBUR, 1038'

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 <u>EQUITABLE GAS COMPANY, W.VA. DIV.</u>	
Address <u>PITTSBURGH, PA. 15219</u>	
Farm <u>WALTON E. SMITH JR., Faye Smith</u>	
Tract _____	Acres <u>66</u> Lease No. <u>26131</u>
Well (Farm) No. _____	Serial No. <u>5501</u>
Elevation (Spirit Level) <u>1042</u>	
Quadrangle <u>WEST UNION NE 34 EC</u>	
County <u>TYLER</u>	District <u>McELROY</u>
Engineer <u>R. S. Williams</u>	
Engineer's Registration No. _____ L.L.S. No. <u>105</u>	
File No. <u>222-C/44</u>	Drawing No. _____
Date <u>4-14-77</u>	Scale <u>1" = 500'</u>

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

WELL LOCATION MAP  
FILE NO. TYL-483-RD 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.

47-095 JUN 14 1977



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

1977  
DIVISION  
Rotary  Oil  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage   
Disposal \_\_\_\_\_ (Kind)

Quadrangle West Union NE 3<sup>4</sup>  
Permit No. TYL-483 RD

Company Equitable Gas  
Address Pittsburgh, PA 15219  
Farm W. E. Smith Acres 66  
Location (waters) Jefferson Run  
Well No. 5501 Elev. 1042  
District McElroy County Tyler  
The surface of tract is owned in fee by Faye A. Smith - c/o Doddridge Land & Dev. Co.  
Address P.O. Box 95, West Union, W.Va. 26456  
Mineral rights are owned by Same as surface  
Address \_\_\_\_\_  
Re-Drilling Commenced 7-5-77  
Re-Drilling Completed 8-23-77  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.  
Well treatment details:  
Storage well - not treated

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
<del>9 5/8</del> 10-3/4	282	282	270 sks.
8 5/8			
7	968	968	400 sks.
5 1/2			
4 1/2			
3-1/2	2097	2097	200 sks.
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at 678-680 Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water 1480 Feet \_\_\_\_\_  
Storage ~~Production~~ Sand Keener Depth 1984-2004

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal			678	680		
Dunkard Sand			1140	1156		
Gas Sand			1204	1236		
Salt Sand			1296	1718		
Maxton			1859	1878		
Little Lime			1886	1908		
Big Lime			1930	1980		
Keener			1984	2004		
Big Injun			2006	2140		
Redrilled to:				2350		
Cemt. Plug Back to				2097		
Comp. T.D.				2097		
Gamma log from surface to 2350'. All measurements of formation, pipe, etc. taken from K.B. 6' above permanent datum.						

1930  
1042  
- 888

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

MAY 27 1977

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.  
Faye Ann Smith

DATE May 27, 1977

Surface Owner c/o Doddridge Land & Dev. Corp.

Company Equitable Gas

Address West Union, W. Va. 26456

Address Pittsburgh, Pa. 15219

Mineral Owner Same as surface

Farm Walton E. Smith, Jr. Acres 66

Address \_\_\_\_\_

Location (waters) Jefferson Run

Coal Owner Same as surface

Well No. 5501 Elevation 1042

Address \_\_\_\_\_

District McElroy County Tyler

Coal Operator \_\_\_\_\_

Quadrangle West Union NE 3<sup>4</sup>

Address \_\_\_\_\_

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 10-1-77.

INSPECTOR  
TO BE NOTIFIED Phillip Tracy

ADDRESS Middlebourn, W.Va.

PHONE 758-4573

*[Signature]*  
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 December 17 19 71 by Walton E. Smith, Jr. made to Equitable Gas Company and recorded on the 11th day of June 19 77, in Tyler County, Book 211 Page 555

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

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

420 Blvd. of the Allies  
Street

Pittsburgh  
City or Town

Pennsylvania 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 POND

TYL-483-RED.

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."

47-095

Signed by *S. M. Linger*

*Survey*

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

PROPOSED WORK ORDER TO  Re DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME H. E. Gardner  
 ADDRESS \_\_\_\_\_ ADDRESS P.O. Box 1550, Clarksburg, W. Va. 26  
 TELEPHONE \_\_\_\_\_ TELEPHONE (304) 624-6576  
 ESTIMATED DEPTH OF COMPLETED WELL: 2040 ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ 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			
13 - 10			
9 - 5/8			
8 - 5/8			
7	845	845	Cem. to surface
5 1/2			
4 1/2			
3 1/2	2000	2000	Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET \_\_\_\_\_ SALT WATER 1480 FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS 678-680  
 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