



- 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	CHARLES N. WELCH		
Tract	Acres	Lease No.	
	15	26170	
Well (Farm) No.	Serial No.		
	5465		
Elevation (Spirit Level)	1257'		
Quadrangle	WEST UNION 5465 EC		
County	District		
TYLER	M ^c ELROY		
Engineer	[Signature]		
Engineer's Registration No.	105 L.L.S.		
File No.	Drawing No.		
222/46			
Date	Scale		
6/1/72	1" = 500'		

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

WELL LOCATION MAP
FILE NO. TYL-442-RED
W 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle West Union SE 2.1

Permit No. TYL-442-Red

Company Equitable Gas
Address Pittsburgh, Pa. 15219
Farm Charles N. Welsh Acres 15
Location (waters) Pratt Run
Well No. 465 Elev. 1257
District M. W. Troy County Tyler
The surface of tract is owned in fee by _____
Henry J. Liebmann 15243
Address 758 Colony Circle, Pgh., Pa.
Mineral rights are owned by Charles N. Welsh
Address Parkersburg, W. Va. 26101
Drilling Commenced 5-6-73
Drilling Completed 8-15-73
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. 13-10"			
9 5/8			
8 5/8	1374	1374	840 sks. to sur
7			
5 1/2	2160	2160	205 sks. to 117 gel to surface
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Coal was encountered at 852-857 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet
Producing Sand Injun Storage Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
✓Pittsburgh Coal			852	857		
✓Big Dunkard Sand			1290	1301		
✓Gas Sand			1370	1414		
✓Salt Sand			1516	1978		
✓Maxton Sand			2025	2032		
✓Little Lime			2066	2084		
✓Big Lime			2104	2158		
✓ <u>Big Injun Sand</u>			2161	2314		
✓Weir Sand			2468	2556		
✓Gantz Sand			2660	2676		
✓ <u>50' Sand</u>			2706	2738		
•Redrilled to				2750		
•Bridge Plug set at				2550		
•Cement Plug Back to				2205		
•Completed Total Depth				2205		
				<u>410</u>		

2104
1257

847

Note: Gamma Ray Survey from surface to 2750

(over)

* Indicates Electric Log tops in the remarks section.



RECEIVED

JUL 27 1972

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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 July 25, 1972
Company Equitable Gas
Address 420 Blvd. of Allies, Pgh., Pa. 15219
Farm Charles N. Welsh Acres 15
Location (waters) Pratt Run
Well No. 5465 Elevation 1257
District McElroy County Tyler
Quadrangle West Union SE. 2.1

Surface Owner Henry J. Liebmann
Address 758 Colony Circle, Pgh., Pa. 15243
Mineral Owner Charles N. Welsh W. Va. 26101
Address 20 Meadowcrest Dr., Parkersburg,
Coal Owner Nancy Sessler
Address Box 523, New Baden, Ill. 62265
Coal Operator _____
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 re-drill. This permit shall expire if operations have not commenced by 11-27-72

Robert R. H.S.
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Arthur Null
Hundred, W.Va. PH: 775-5611

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 Feb. 25 1972 by Charles N. Welsh made to Equitable Gas Co. and recorded on the 14th day of July 1972, in Tyler County, Book 193 Page 351

_____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

TYL-442-RED

PERMIT NUMBER

Survey

**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: 2180 _____ 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			
XX - 10	158	158	Cem. to surface
9 - 5/8			
8 - 5/8	1393	1393	Cem. to surface
7			
5 1/2	2160	2160	Cem. to 1193
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