



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

Source of Elevation **Wilbur, 1038'**—Ab'd. H.N.G. # 3711

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 Company, W.Va. Div.

Address Pittsburgh, Pa. 15219

Farm DELBERT L. HAUGHT

Tract _____ Acres 55 Lease No. 26191

Well (Farm) No. _____ Serial No. 5502

Elevation (Spirit Level) 997'

Quadrangle West Union # 3 EC

County Tyler District McElroy

Engineer [Signature]

Engineer's Registration No. L.L.S 105

File No. 222C/18 Drawing No. _____

Date 3-10-77 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. TYL-480-RD

+ 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



RECEIVED

JUL 22 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle West Union NE 3⁴

Permit No. TYL-480-Red

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

Company <u>Equitable Gas</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Pittsburgh, PA 15219</u>				
Farm <u>Delbert L. Haught</u> Acres <u>55</u>				
Location (waters) <u>Jefferson Run</u>				
Well No. <u>5502</u> Elev. <u>997</u>				
District <u>McElroy</u> County <u>Tyler</u>				
The surface of tract is owned in fee by <u>Delbert L. Haught</u>				
Address <u>Wilbur, W. Va. 26459</u>				
Mineral rights are owned by <u>Same as surface</u>				
Address _____				
ReDrilling Commenced <u>6-1-77</u>				
ReDrilling Completed <u>6-29-77</u>				
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.				

Coal was encountered at 607-609 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal (Driller)			607	609		
Little Dunkard Sand			963	970		
Big Dunkard Sand			1043	1082		
Gas Sand			1128	1154		
Salt Sand			1240	1672		
Little Lime			1812	1840		
Big Lime			1854	1918		
Big Injun			1922	2066		
tr Sand			2221	2320		
z Sand			2418	2428		
<u>GORDON</u> Sand			2638	2656		
led to				2664		
Cement Plug Back to				1958		
Completed Total Depth				1958		

Note: Gamma log from surface to 2664. All measurements of formations, pipe, etc., taken from K.B. 6' above permanent datum.

(over)

* Indicates Electric Log tops in the remarks section.

McElroy District, Tyler County, W. Va.
 Hope Natural Gas Co., 145 W. Main St., Clarksburg, W. Va.
 On 80 acres, surface and mineral rights owned by Boyd Underwood,
 West Union, W. Va.

Elevation, 997' L.

8 1/2" casing, 1099'; 6-5/8", 1908'.

Abandonment reported to Dept. of Mines Feb. 16, 1932.

Well was shot at 2636 to 2646'.

Water not recorded.

Now exhausted to extent of not being commercially productive.

Gas well.

TYL-28-A
 480

	Top.	Bottom.
Little Dunkard Sand	965	- 976
Big Dunkard Sand	1045	- 1084
Gas Sand	1130	- 1160
First Salt Sand	1344	- 1425
Second Salt Sand	1445	- 1560
Sand	1590	- 1647
Maxton Sand	1736	- 1790
Little Lime	1805	- 1835
Pencil Cave	1835	- 1855
Big Lime	1855	- 1939
Big Injun Sand (gas, 1941-1966')	1939	- 2061
Gantz: Sand	2215	- 2315
Gordon Sand (gas, 2643')	2633	- 2647
Total depth		2705

J.W. Un.....NO. 3711 WELL.

Gal. No. 351 (312)

McElroy District, Tyler County, W. Va.
Hope Natural Gas Co.
Elevation, 995'.
On Jefferson Run.
Shown on 7-E, West Union Quadrangle.

70517

now: 28A

7



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE March 14, 1977
Company Equitable Gas
Address Pittsburgh, Pa. 15219
Farm Delbert L. Haught Acres 55
Location (waters) Jefferson Run
Well No. 5502 Elevation 997
District McElroy County Tyler
Quadrangle West Union NE 3.4

Surface Owner Delbert L. Haught
Address Wilbur, W. Va. 26459
Mineral Owner Same as surface
Address _____
Coal Owner Same as surface
Address _____
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 redrilling. This permit shall expire if operations have not commenced by 7-17-77.

INSPECTOR
TO BE NOTIFIED Paul Garrett
ADDRESS Clarksburg, W. Va.
PHONE 622-3871

Robert L. [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 Jan. 2 1973 by Delbert L. Haught made to Equitable Gas Co. and recorded on the 16th day of Feb. 1973, in McElroy County, Book 195 Page 469

_____ 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

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
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.

474-480-Red PERMIT NUMBER
47-095

BLANKET BOND

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 Box 1550, Clarksburg, W. Va.
 TELEPHONE _____ TELEPHONE 624-6576
 ESTIMATED DEPTH OF COMPLETED WELL: 1960 ROTARY _____ 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			
8 - 5/8	1031	1031	Cem. to surface
7			
5 1/2			
4 1/2			
3 - 1/2	1915	1915	Cem. or packer XXXXXX
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ 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