



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

Source of Elevation ROAD PKY, ELV. 842.4

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. 15213		
Farm	GAY CUMBERLEDGE		
Tract	Acres	78	Lease No. 26171
Well (Farm) No.	Serial No.	5466	
Elevation (Spirit Level)	814.5'		
Quadrangle	WEST UNION NE 42 EC		
County	District	TYLER	M'ELROY
Engineer	<i>R. J. Miller</i>		
Engineer's Registration No.	105 L. L. S.		
File No.	222/12	Drawing No.	
Date	8-24-72	Scale	1" = 500'

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

WELL LOCATION MAP
FILE NO. 222-456-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.



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May 21 1973

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

REGULATION
DIVISION OF MINES

39-30
(10)-6-23

**Oil and Gas Division
WELL RECORD**

Quadrangle West Union NE 4.3

Permit No. TYL-456-Red

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

Company Equitable Gas Co. 15219
Address 420 Blvd. of the Allies, Pgh., Pa.
Farm Gay Cumberledge Acres 78
Location (waters) Pratt Run
Well No. 5466 Elev. 814.5
District McElroy County Tyler
The surface of tract is owned in fee by _____
Gay Cumberledge, Agent
Address Alma, W. Va.
Mineral rights are owned by Same as surface
Address _____
Drilling Commenced 3-1-73
Drilling Completed 5-11-73
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. 13-10"			
9 5/8	594	594	365 sks. to surface
8 5/8 *			
7 **			
5 1/2			
4 1/2	1747	1747	175 sks. to 200, gel to surface
3			
2			
Liners Used			

Attach copy of cementing record.

* Old 8" in hole 620 to 881

** Old 7" in hole 1376 to 1718

Coal was encountered at 445 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal			445			Driller Estimate - Storage
Big Dunkard Sd.			787	802		
Gas Sd.			950	1014		
Salt Sd.			1088	1494		
Maxton Sd.			1509	1598		
Little Lime			1652	1674		
Big Lime			1694	1748		
<u>Big Injun Sd.</u>			1750	1916		
Weir Sd.			2061	2150		
Gordon Stray Sd.			2390	2406		
Gordon Sd.			2476	2488		
<u>Redrilled to</u>				<u>2510</u>		
Cement Plug Back to				1768		
Completed Total Depth				1768		

Note: Gamma Ray Survey from surface to 2501

(over)

* Indicates Electric Log tops in the remarks section.

MAY 29 1973



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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JAN 30 1973
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 Jan. 26, 1973

Surface Owner Gay Cumberledge, Agent

Company Equitable Gas

Address Alma, W. Va.

Address Pittsburgh, Pa. 15219

Mineral Owner Same as surface

Farm Gay Cumberledge Acres 78

Address _____

Location (waters) Pratt Run

Coal Owner Same as surface

Well No. 5466 Elevation 814.5

Address _____

District McElroy County Tyler

Coal Operator _____

Quadrangle West Union NE 4.3

Address _____

INSPECTOR TO BE NOTIFIED M. Arthur
Null

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 5-30-73.

Box 296 PH: 775-5611
Hundred
W. Va. 26575

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 May 17, 1972 by Gay Cumberledge made to Equitable Gas Co. and recorded on the 7th day of Aug. 1972 in Tyler County, Book 193 Page 502

_____ 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 _____ 420 Blvd. of the Allies _____
of _____ Street
Well Operator _____ 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-456-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. 26 _____
 TELEPHONE _____ TELEPHONE (304) 624-6576 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 1800 _____ ROTARY X _____ 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	680	680	Cem. to surface
8 - 5/8			
7			
5 1/2	1,725	1,725	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