



FORMER WELL NO 2372

Source of Elevation ROAD FORKS, ELEV. 822' USGS

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

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. W.VA. DIV.		
Address	PITTSBURGH, PA. 15219		
Farm	BLANCHE CUMBERLEDGE et al.		
Tract	Acres	35	Lease No. 26146
Well (Farm) No.	1	Serial No.	5456
Elevation (Spirit Level)	1047'		
Quadrangle	WEST UNION NE 42 FC		
County	TYLER	District	M'ELROY
Engineer	R. J. McWilliam		
Engineer's Registration No.	105 L.L.S.		
File No.	222/10	Drawing No.	
Date	4-11-72	Scale	1" = 500'

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

WELL LOCATION MAP
FILE NO. *File-434-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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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

39-30
6-43

Oil and Gas Division

WELL RECORD

Quadrangle West Union NE 4.3

Permit No. Tyl - 434 - Red

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

Company Equitable Gas 15219
Address 420 Blvd. of the Allies, Pgh., Pa.
Farm Blanche Cumberledge Acres 35
Location (waters) Pratt Run of McElroy Creek
Well No. 5456 Elev. 1047
District McElroy County Tyler
The surface of tract is owned in fee by Blanche Cumberledge
Address Rt. 1, Mount Clare, W.Va. 26408
Mineral rights are owned by Blanche Cumberledge
Address Same as above

Re Drilling Commenced 4-26-72
Re Drilling Completed 7-27-72
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"	179	179	125 sks. cem.
9 5/8			
8 5/8	1133	1133	320 sks. cem.
7			
5 1/2	1973	1973	268 sks. cem., gel to surface
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Coal was encountered at 683-686 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
Sand			310	360	(Broken)	
Pittsburgh Coal			683	686	(Driller)	
Gas Sand			1179	1228	(Broken)	
Salt Sand			1288	1694	(Broken)	
Maxton Sand			1822	1826		
Little Lime			1880	1900		
Big Lime			1910	1973		
Big Injun			1976	2132	(Broken)	
Weir Sand			2310	2379		
Gordon Sand			2700	2714		
<u>5th Sand</u>			2916	2922		
<u>Cleaned out to</u>				<u>2992</u>	<u>T.D.</u>	
Cement to				2010		
Completed Total Depth				2010		
(Note) Gamma Ray Survey from surface to				2992		

(over)

* Indicates Electric Log tops in the remarks section.

AUG 28 1972



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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APR 18 1972

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

REDRILL

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

DATE April 14, 1972

Surface Owner Blanche Cumberledge

Company Equitable Gas Co.

Address Rt. 1, Mount Clare, W.Va. 26408

Address 420 Blvd. of Allies, Pgh., Pa. 15219

Mineral Owner Same as above.

Farm Blanche Cumberledge et al Acres 35

Address _____

Location (waters) West Union NE 4.3 Pratt Run

Coal Owner Same as above.

Well No. 5456 of McElroy Creek Elevation 1047

Address _____

District McElroy County Tyler

Coal Operator _____

Quadrangle West Union NE 4.3

Address _____

Mr Arthur

INSPECTOR TO BE NOTIFIED Null
Box 296 PH: 775-5611
Blended
W.Va. 26575

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 August 18, 1972

Robert K. Todd
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 Feb. 7 1972 by Blanche Cumberledge et al made to Equitable Gas Co. and recorded on the 1st day of Mar. 1972, in Tyler County, Book 191 Page 509

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

Sept 434 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. Show, Div. Supt.
 ADDRESS _____ ADDRESS Box 1550, Clarksburg, W.Va. 26301
 TELEPHONE _____ TELEPHONE 304-624-6576
 ESTIMATED DEPTH OF COMPLETED WELL: 2050 ROTARY _____ CABLE TOOLS XX
 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			
xxx 10 - 3/4	246	246	Cement to surface
9 - 5/8			
8 - 5/8 - 1/4	1130	1130	Cement to surface
7	1953	1953	Cement to surface
5 1/2			
4 1/2	1984	1984	Cement to 1750
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