



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

Source of Elevation Road Fr. 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

FORMER WELL NO 2060

Company EQUITABLE GAS CO., W.VA. DIV.
 Address Pittsburgh, Pa. 15219
 Farm TALMADGE NICHOLS
 Tract Acres 186 Lease No. 26123
 Well (Farm) No. 1 Serial No. 5478
 Elevation (Spirit Level) 1218.85'
 Quadrangle West Union CL
 County Tyler District McElroy
 Engineer P. J. McElroy
 Engineer's Registration No. 105 L.L.S.
 File No. 222/88 Drawing No. _____
 Date 11-14-72 Scale 1"=500'

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

WELL LOCATION MAP
 FILE NO. Inf. 458-Sub 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-458-Red

Company Equitable Gas
Address Pittsburgh, Pa. 15219
Farm Talmage Nichols Acres 89 of 126
Location (waters) Sandy Run
Well No. 5478 Elev. 1218.85
District McElroy County Tyler

The surface of tract is owned in fee by _____
Talmage Nichols
Address 2511 S. Kanawha, Charleston, W. Va.
Mineral rights are owned by Same as surf. Va.
Address _____

Re-Drilling Commenced 5-31-73
Re-Drilling Completed 8-20-73
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. 13XX	31	31	21 sks. to surf.
9 5/8			
8 5/8 *	1078	1078	400 sks. to surf.
7 **			
5 1/2	2132	2132	250 sks. to 2132 gel to surface
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.
* Old 8-5/8" in hole from 1104 to 1250
** Old 7" in hole from 1990 to 2066

Coal was encountered at 815-818 Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Storage Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal			815	818		Driller Est.
Big Dunkard Sand			1254	1259		
Salt Sand			1338	1874		
Maxton Sand			1956	1970		
Little Lime			2026	2038		
Big Lime			2053	2126		
Big Injun Sand			2128	2272		
Weir Sand			2420	2510		
Gordon Sand			2860	2866		
Redrilled to				2945		
Cement Plug Back to				2150		
Completed Total Depth				2150		
Note: Gamma Ray Survey from surface to 2943						

2053
1218
934

(over)

* Indicates Electric Log tops in the remarks section.

OCT 5 1973



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAR 30 1973

OIL and Gas Division OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE March 27, 1973

Surface Owner Talmage Nichols 25304
Address 2511 S. Kanawha Ave., Charleston, W. Va.

Company Equitable Gas
Address Pittsburgh, Pa. 15219

Mineral Owner Same as surface
Address _____

Farm Talmage Nichols Acres 89 of 126

Coal Owner Same as surface
Address _____

Location (waters) Sandy Run
Well No. 1-S-5478 Elevation 1218.85

Coal Operator _____
Address _____

District McElroy County Tyler
Quadrangle West Union SE 2.1

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 8/2/73.

INSPECTOR TO BE NOTIFIED Mr. Harry Stevens
Box 206 PH: 354-7719
Prattsville
W. Va. 26147

Robert H. Ford
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 Nov. 17, 1972 by Talmage Nichols made to Equitable Gas Co. and recorded on the 29th day of Jan. 1973, in Tyler County, Book 195 Page 378

_____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

1973-458-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. 26301
 TELEPHONE _____ TELEPHONE (304) 624-6576
 ESTIMATED DEPTH OF COMPLETED WELL: 2160 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	940	940	Cem. to surface
8 - 5/8			
7			
5 1/2	2125	2125	Cem. to 750
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