

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

Company	EQUITABLE GAS CO. W.VA. DIV.		
Address	PITTSBURGH 13, PA.		
Farm	FRANCIS C. SHREVE		
Tract	Acres	62	Lease No. 25375
Well (Farm) No.	Serial No.	5451	
Elevation (Spirit Level)	846' VA		
Quadrangle	LITTLETON SER 3		
County	WETZEL	District	GRANT
Engineer	James Jefferson		
Engineer's Registration No.	1084		
File No.	205/28	Drawing No.	
Date	7-13-62	Scale	1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. Wet-523-Redrill

+ 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.

RDMC

90 45



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 15

Quadrangle Littleton SE 2.3

Permit No. WET-523

**WELL RECORD**  
REDRILL

Oil or Gas Well Gas Storage  
(KIND)

Company Equitable Gas Company  
Address 420 Blvd. of the Allies, Pgh. 19, Pa.  
Farm E. Shreve Acres 62  
Location (waters) Littleton SE 2.3  
Well No. 5451 Elev. 846  
District Grant County Wetzel  
The surface of tract is owned in fee by O. E. Shreve  
3407 Hanlin Way Address Weirton, West Va.  
Mineral rights are owned by F. Shreve, Agent  
7 E. Lincoln Street Address Buckhannon, W. Va.  
Redrilling commenced 8-1-62  
Redrilling completed 1-2-63  
Date Shot -- From -- To --  
With --  
Open Flow --/10ths Water in -- Inch  
--/10ths Merc. in -- Inch  
Volume -- Cu. Ft.  
Rock Pressure -- lbs. -- hrs.  
Oil -- bbls., 1st 24 hrs.  
WELL ACIDIZED --  
WELL FRACTURED --

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			None
13			Size of
10	178	178	Depth set
8 1/4	893-New 221-Old	1114	
6 3/8	1387-New 368-Old	1755	
5 3/16	1785	1785	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

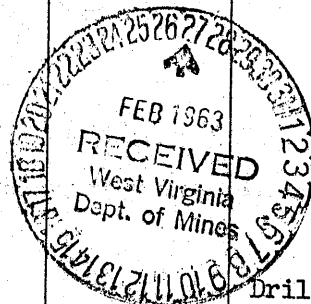
CASING CEMENTED --- SIZE --- No. Ft. --- Date ---  
COAL WAS ENCOUNTERED AT --- FEET --- INCHES  
--- FEET --- INCHES --- FEET --- INCHES  
--- FEET --- INCHES --- FEET --- INCHES

RESULT AFTER TREATMENT ---

ROCK PRESSURE AFTER TREATMENT ---

Fresh Water --- Feet --- Salt Water --- Feet ---

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Mapletown Coal			460	465			
Pittsburgh Coal			561	568			Driller
Murphy Sand			690	732			Driller
Big Dunkard Sand			1040	1065			
Gas Sand L.			1190	1240			
Salt Sand			1291	1320			
" "			1348	1395			
" "			1438	1515			
" "			1562	1580			
" "			1597	1622			
Waxton Sand			1714	1728			
Big Lime			1751	1794			
Big Injun Sand			1804	1863			
" " "			1866	1972			
" " "			1977	1999			
" " "			2002	2013			
Kantz Sand			2130	2160			
Sand			2350	2360			Driller
Gordon Stray Sand			2604	2623			Driller
Gordon Sand			2664	2684			Driller
Original Total Depth				2805			Driller
Redrilled to				2670			
Cemented Back			1856	2670			
Completed Total Depth				1856			



Formation	Color	Hard or Soft	Top 15'	Bottom	Oil, Gas or Water	Depth Found	Remarks
<p>NOTE: Log from Gamma Ray Survey except where noted.</p> <p>Well located in Mobley Storage Pool Area.</p> <p>Aquagel around 10" from 178' to surface.</p> <p>Aquagel around 8-1/4" from 893' to surface.</p> <p>Aquagel around 6-5/8" from 1387' to surface.</p> <p>Cement around 5-3/16" from 1785' to 1336' with aquagel from 1336' to surface.</p>							

Date February, 1963

APPROVED Equitable Gas Company, Owner

By \_\_\_\_\_  
 (Title)  
 Vice President and Chief System Geologist