

Company EQUITABLE GAS CO. W.VA. DIV.
 Address PITTSBURGH 19, PA.
 Farm VIRGINIA MYERS et al.
 Tract _____ Acres 692 Lease No. 25459-1
 Well (Farm) No. 4 Serial No. 5453
 Elevation (Spirit Level) 1207.5' VA.
 Quadrangle LITTLETON (SE) 2¹
 County WETZEL District GRANT
 Engineer Samuel J. Decker
 Engineer's Registration No. 1084
 File No. 206/22 Drawing No. _____
 Date 1-8-63 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. WET-536-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

Latitude

+ .145
20 w

Longitude

Topo Location

7.5' Loc. _____ 15' Loc. _____
(calc.) _____

Company Hope Nat Gas

Farm A Muffaney # 4720

15' Quad _____
(sec.)

7.5' Quad Big Run

District Green

WELL LOCATION PLAT

County 103 Permit 76311
536



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
REDRILL
WELL RECORD

Quadrangle Littleton SE 2.4

Permit No. WET-536-R

Oil or Gas Well Gas Storage
(KIND)

Company Equitable Gas Company
Address 420 Blvd. of Allies, Pittsburgh 19, Pa.
Farm V. Myers, et al Acres 693
Location (waters) Littleton SE 2.4
Well No. 5453 Elev. 1207.5
District Grant County Wetzel
The surface of tract is owned in fee by A. E. King
Address Big Run, W. Va.
Mineral rights are owned by V. Myers et al
5701 Seymour Highway Address Wichita Falls, Texas

Casing and Tubing	Used in Drilling	Left in Well	ackers
Size			
16			du of Packer Comb.
13			Wall & anchor
10	<u>340-New</u> <u>97-Old</u>	<u>437</u>	Size of <u>6-5/8 x 3</u>
8 1/4	<u>1457</u>	<u>1457</u>	
6 3/4	<u>2181</u>	<u>2181</u>	Depth set <u>2212</u>
5 3/16			
3	<u>2270</u>	<u>2270</u>	Perf. top <u>2225</u>
2			Perf. bottom <u>2270</u>
Liners Used			Perf. top
			Perf. bottom

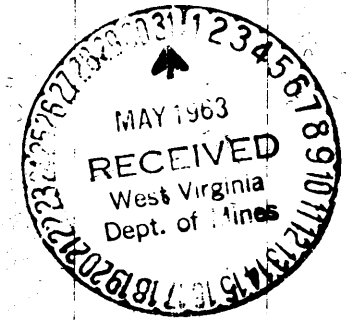
Re Drilling commenced January 29, 1963
Re Drilling completed May 17, 1963
Date Shot -- From -- To --
With --
Open Flow -- /10ths Water in -- Inch
-- /10ths Merc. in -- Inch
Volume -- Cu. Ft.
Rock Pressure -- lbs. -- hrs.
Oil -- bbls., 1st 24 hrs.
WELL ACIDIZED --
WELL FRACTURED --

CASING CEMENTED -- SIZE -- No. Ft. --
(see below)
COAL WAS ENCOUNTERED AT 750 FEET -- INCHES
970 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
✓ Native Coal			750	756			Driller
✓ Pgh. Coal			970	976			"
✓ L. Dunkard Sand			1348	1365			
✓ Gas Sand			1497	1524			
✓ Gas Sand			1547	1570			
✓ Salt Sand			1732	1757			
✓ Salt Sand			1764	1770			
✓ Salt Sand			1863	1870	<u>2157</u>		
✓ Salt Sand			1890	1961	<u>1208</u>		
✓ Salt Sand			2015	2040	<u>949</u>		
✓ Maxton Sand			2128	2141			
✓ Big Lime			2157	2222			
Big Injun Sand			2225	2238			
✓ Big Injun Sand			2242	2272			
✓ Big Injun Sand			2279	2335			
✓ Big Injun Sand			2339	2422	Gas	2111	Temperature
Squaw Sand			2495	2542			
Squaw Sand			2550	2626			
✓ Barea Sand			2790	2800			
✓ Fifty Foot Sand			2916	2923			
Redrilled to				2963			
Cement			2270	2963			
Completed Total Depth				2270			

NOTE: Formerly abandoned and plugged outside well No. 1454.
Located in Mobley Gas Storage Pool area.
Log shown from Gamma Ray Survey except where noted.
Aquagel around 10" from 340' to surface.
Aquagel around 8-1/4" from 1457' to surface.
Cement around 6-5/8" from 2181' to surface.
Aquagel around 3" from 2212' to 1212'.



ANNA M. MUFFANY NO. 6275.WELL.

76210

Grant District, Wetzel County, W. Va.

By Hope Natural Gas Co.
Gas well.
Total depth, 942' 6".
Elevation, 1052' L.

Completed Feb. 14, 1923.
Completed April 9, 1923.
Initial production, 497,280 cu. ft.

	Top.	Bottom.
Native coal	684	688
Pittsburgh Coal	780	786
Murphy Sand	886	

A. MUFFANY NO. 409.

Grant District, Wetzel County, W. Va.
By Hope Natural Gas Co.
Gas well.
Total depth, 3072'.

Commenced March 12, 1900.
Completed July 6, 1900.
Initial production, 3,214,500 cu. ft.,
Purchased from Carter Oil Co.
Abandoned May 15, 1905.

	Top.	Bottom.
Pittsburgh Coal	768	775
Salt Sand	1630	1814
Big Injun Sand (gas, 2034')	2017	2206
Gordon Stray Sand	2825	2845
Gordon Sand	2872	2889

A. MUFFANY NO. 4720.

~~70311~~

now Wet 539

Grant District, Wetzel County, W. Va.
By Hope Natural Gas Co.
Gas well.
Total depth, 3218'. Filled to 3193'.

Commenced May 1917. Completed Mar. 28,
Initial production, 33,500 cu. ft. Str
" " 164,160 cu. ft., Gordon &
Flugged and abd. May 25, 1927.
Shot March 29, 1918, with 10 qts., 4th

	Top.	Bottom.
Native coal	750	755
Pittsburgh Coal	970	976
Little Dunkard Sand	1355	1375
Big Dunkard Sand	1446	1485
Gas Sand	1503	1585
1st Salt Sand (water, 1755')	1735	1774
2nd Salt Sand (water, 1870')	1860	2043
Maxton Sand	2054	2090
Little Lime	2149	2167
Big Lime	2173	2243
Big Injun Sand (oil, 2296') (gas, 2255')	2243	2435
Berea Sand	2533	2663
30-Ft. Sand	2975	2990
Gordon Stray Sand	3012	3032
Gordon Sand (gas, 3067-70')	3065	3093
Fourth Sand (gas, 3143')	3140	3145
Fifth Sand	3198	3203