



New Location
 Well Depth
 Measurement

Company EQUITABLE OIL CO.
 Address CLOVERDALE WINE
 Farm JANE B LOUGH
 Tract Area 87 Less No. 1688
 Well (Farm) No. ONE Serial No. 518
 Elevation (Spot Level) 877'
 Quadrange BLACKVILLE N.W. 22
 County ANDREW Range C. 17
 Engineer Robert D. Griffin

STATE OF WEST VIRGINIA
 DEPARTMENT OF OIL
 AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. MAN-542

✦ Denotes location of well on United States
 Topographic Maps, scale 1 to 62500, lat-
 itude and longitude lines being represented

LATITUDE 39°42'30"

LONGITUDE 80°07'30"

LONGITUDE

7.5'

7.5 OGIS topo location

7.5' loc	<u>0.78S</u>	15' loc	<u>3.66S</u>
	<u>0.82W</u>	(calc.)	<u>3.04W</u>

Company _____

Farm _____

Quad Blacksville

County Monongahela

District Clay

WELL LOCATION MAP

File No. 061-546A

Clay District, Monongalia County, W. Va.
 By Equitable Gas Co., Clarksburg, W. Va.
 Abandoned under permit Non-.....-A7
 On 87 acres; Blacksville N/W 2-4.
 Elevation, 977' L.

Surface owned by Ralph Seaman, Mooresville, W. Va., and minerals by
 Merl D. Wright, Atty.-in-fact, Ida B. Wright, Morgantown, W. Va.
 Drilling commenced Feb. 18, 1916; completed April 12, 1916.
 10" casing, 551'; 8 1/4", 1358' (pulled); 6", 1735'; 5", 2637'.
 Coal was encountered at 163-168, 425-432, 515-521, and 1120-1125'.
 Water, 45', 17 bailers. Water, 1405'. Water, 1455'.
 Gas, 425'. Gas, 630'. Gas, 1190'. Gas, 1785'. Show oil, 1928'.
 Show gas, 2651'. Show oil and gas, 2908'. Gas, 2936-2939'.
 Gas well. Record to Dept. of Mines dated Dec. 10, 1951.
 Record to RCF from Mrs. Griffith Dec. 10, 1952. O.F.No.592.

	Top.	Bottom.
Clay, yellow, soft	0	13
Lime, gray, hard	13	38
Slate, black, soft	38	128
Lime, gray, hard	128	150
Slate, black, soft	150	163
Waynesburg Coal, black, soft	163	168
Slate, gray, soft	168	200
Lime, light, hard	200	220
Slate, dark, soft	220	255
Lime, light, hard	255	272
Slate, dark, soft	272	300
Lime, white, hard	300	310
Slate, dark, soft	310	345
Lime, white, hard	345	360
Sand, gray, hard	360	425
Mapleton (Sewickley) Coal, black, soft	425	432
Lime, white, hard	432	482
Slate, dark, soft	482	487
Lime, light, hard	487	508
Slate, light, soft	508	515
Pittsburgh Coal, black, soft	515	521
Slate, black, soft	521	539
Lime, light, hard	539	579
Slate, light, soft	579	630
Sand, gray, soft	630	642
Slate, dark, soft	642	722
Sand, gray, hard	722	747
Slate, light, soft	747	787
Slate, red, soft	787	812
Slate, light, soft	812	845
Little Dunkard Sand, light, hard	845	885
Slate, white, soft	885	905
Lime, white, hard	905	945
Slate, black, soft	945	965
Big Dunkard Sand, light, hard	965	1000
Slate, light, soft	1000	1018
Sand, light, hard	1018	1100
Slate, pink, soft	1100	1115
Coal, black, soft	1115	1120

(OVER)

JANE B. LOUGH NO. 5158 WELL (Continued).

	Top.	Bottom.
Lime, dark, hard	1120	- 1140
Slate, dark, soft	1140	- 1145
Lime, light, hard	1145	- 1155
Slate, light, soft	1155	- 1160
Lime, light, hard	1160	- 1165
Slate, dark, soft	1165	- 1185
Sand, light, hard	1185	- 1198
Slate, light, soft	1198	- 1208
Sand, gray, hard	1208	- 1233
Sand shells, white, hard	1233	- 1283
Sand, gray, hard	1283	- 1300
Slate, black, soft	1300	- 1310
Salt Sand, gray, hard	1310	- 1405
Sand, light, hard	1405	- 1565
Slate, black	1565	- 1585
Lime, hard	1585	- 1595
Red rock,	1595	- 1620
Little lime, hard	1620	- 1680
Slate, black	1680	- 1690
Big lime, hard	1690	- 1770
Big Injan Sand	1770	- 1975
Unrecorded	1975	- 2405
50-Ft. Sand	2405	- 2436
Unrecorded	2436	- 2453
30-Ft. Sand	2453	- 2478
Unrecorded	2478	- 2487
Stray Sand	2487	- 2510
Unrecorded	2510	- 2550
Stray Sand	2550	- 2565
Unrecorded	2565	- 2567
Stray Sand	2567	- 2575
Unrecorded	2575	- 2580
Stray Sand	2580	- 2585
Unrecorded	2585	- 2600
Red rock	2600	- 2625
Unrecorded	2625	- 2631
Garden Stray Sand	2631	- 2656
Unrecorded	2656	- 2671
Sand	2671	- 2678
Unrecorded	2678	- 2715
4th Sand	2715	- 2725
4th Sand	2725	- 2734
Unrecorded	2734	- 2750
Sand	2750	- 2780
Unrecorded	2780	- 2896
5th Sand	2896	- 2921
Unrecorded	2921	- 2936
Bayard Sand	2936	- 2946
Total depth		2946



JFW

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 11000-546-A

Oil or Gas Well "GAS"
(KIND)

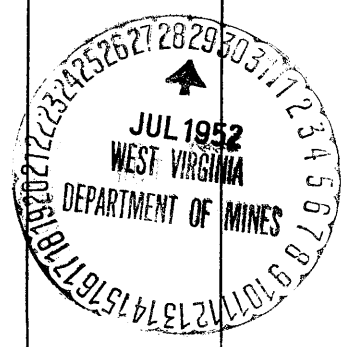
Company EQUITABLE GAS COMPANY.
 Address Clarksburg, West Va.
 Farm June B. Lough Acres 87
 Location (waters) Blks. N/W. 2-4
 Well No. 5156 Elev. 977'
 District Clay County Monongalia
 The surface of tract is owned in fee by Ralph Seaman
Mooreville, W. Va.
 Address Mooreville, W. Va.
 Mineral rights are owned by Ida B. Wright
Mooreville, W. Va.
 Address Mooreville, W. Va.
 Drilling commenced February 18, 1916
 Drilling completed April 12, 1916
 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.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>551'</u>	<u>551'</u>	Size of
8 1/4	<u>1338'</u>	<u>None</u>	
6 5/8	<u>1735'</u>	<u>1950'</u>	Depth set
5 3/16	<u>2637'</u>	<u>2637'</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 163 FEET 60 INCHES
145 FEET 84 INCHES 515 FEET 72 INCHES
1120 FEET 60 INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	13			
Lime	Grey	Hard	13	28			
Slate	Black	Soft	28	128	Water	45'	17 Barrels.
Lime	Grey	Hard	128	150			
Slate	Black	Soft	150	163			
Wagonwheel Coal	"	"	163	168			
Slate	Grey	"	168	200			
Lime	Light	Hard	200	220			
Slate	Dark	Soft	220	235			
Lime	Light	Hard	235	282			
Slate	Dark	Soft	282	300			
Lime	White	Hard	300	310			
Slate	Dark	Soft	310	315			
Lime	White	Hard	315	360			
Sand	Grey	Hard	360	425	Gas	425'	
H.T. Coal	Black	Soft	425	432			
Lime	White	Hard	432	482			
Slate	Dark	Soft	482	487			
Lime	Light	Hard	487	508			
Slate	"	Soft	508	515			
Pgh. Coal	Black	"	515	521			
Slate	"	"	521	539			
Lime	Light	Hard	539	579			
Slate	"	Soft	579	630			
Sand	Grey	"	630	642	Gas	630'	
Slate	Dark	"	642	722			
Sand	Grey	Hard	722	747			
Slate	Light	Soft	747	787			
"	Red	"	787	812			
"	Light	"	812	815			
L.D. Sand	"	Hard	815	885			
Slate	White	Soft	885	905			
Lime	"	Hard	905	915			
Slate	Black	Soft	915	915			
B.D. Sand	Light	Hard	915	1000			
Slate	"	Soft	1000	1018			
Sand	"	Hard	1018	1100			
Slate	Pink	Soft	1100	1115			
Coal	Black	Soft	1115	1120			



(Over)

DEC 10 1952

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lim	Dark	Hard	1120	1140			
Slate	"	Soft	1140	1145			
Lim	Light	Hard	1145	1155			
Slate	"	Soft	1155	1160			
Lim	"	Hard	1160	1165			
Slate	Dark	Soft	1165	1185			
Sand	Light	Hard	1185	1198	Gas	1190'	
Slate	"	Soft	1198	1208			
Sand	Grey	Hard	1208	1233			
Sand Shells	White	"	1233	1243			
Sand	Grey	"	1243	1300			
Slate	Black	Soft	1300	1320			
Salt Sand	Grey	Hard	1310	1405	Water	1405'	
Sand	Light	"	1405	1565	"	1455'	
Slate	Black		1565	1585			
Lim		Hard	1585	1595			
Red Rock	Red		1595	1620			
Little Lim		Hard	1620	1680			
Slate	Black		1680	1690			
Big Lim		Hard	1690	1770			
Big Lamin			1770	1975	Gas	1785'	
Un-recorded			1975	2105	Sh. Oil	1928'	
20 Ft. Sand			2105	2136			
Un-recorded			2136	2153			
20 Ft. Sand			2153	2178			
Un-recorded			2178	2187			
Shaly Sand			2187	2510			
Un-recorded			2510	2520			
Shaly Sand			2520	2565			
Un-recorded			2565	2567			
Shaly Sand			2567	2575			
Un-recorded			2575	2580			
Shaly Sand			2580	2585			
Un-recorded			2585	2600			
Red Rock			2600	2625			
Un-recorded			2625	2631			
Green Shaly			2631	2656	Sh. Gas	2651'	
Un-recorded			2656	2671			
Sand			2671	2678			
Un-recorded			2678	2715			
Ath. Sand			2715	2725			
"			2725	2734			
Un-recorded			2734	2750			
Sand			2750	2780			
Un-recorded			2780	2896	Sh. O.& Gas	2908'	
5th. Sand			2896	2921			
Un-recorded			2921	2936			
Repart Sand			2936	2946	Gas	2936-2939'	
Total Depth.....				2946			

December 10, 1951

Date _____, 19__

EQUITABLE GAS COMPANY.

APPROVED _____, Owner

By W. J. [Signature]
(Title)

Record of Well No. 5158 Located on *Jand B. Lough* Farm *Nov. 9* 1915
 District *Monongalia* County *W. Va.* State
 Division *D'* District No. *11* Drilled under well Order *428*
 Rig built by *John Craig* Began *Jan. 27* 1916 Completed *Feb. 2* 1916
 Well drilled by *Langster Bros.* Began *Feb. 17* 1916 Completed *Apr. 12* 1917
 Depth of Well *4816* feet Size of Hole *5 7/16* Producing *Gas*
 Ekv: 977 2946

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	16"	Wood	Bottom of 10" at 544 ft Reclaimed Bottom of 6 7/8" at 1720 ft.
551'	10"	New	
1358'	8 1/4"	"	
1735'	6 7/8"	"	
2639'	5 7/16"	New	
2946'	3"		

COAL VEINS *Mapletown* 425 *Rgh* 615
 432 621

FORMATIONS						
NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
<i>Big Runhard</i>	965	1000		630 show	142	
<i>Sand</i>	1198	1212				
<i>Sand</i>	1395	1550			1420	5 bailing per hr.
<i>Littlelime</i>	1670	1680			1453	hole full
<i>Big</i>	1698	1770				
<i>Big Dupin</i>	1770	1976		1785		1443'
<i>Break</i>	1928	1930				
<i>Sprawl sand</i>	2062	2084				Commenced Drilling deeper
<i>Fiftyfoot</i>	2405	2436				at 1816 ft. Feb 17-1917 by
<i>Thirtfoot</i>	2453	2478				<i>Rgh. & W. Va. Gas Co. W. O. 854</i>
<i>2nd Thirtfoot</i>	2487	2516				<i>Comp. May 4, 1917 at 2947 ft</i>
<i>Sand</i>	2550	2565				
<i>Sand</i>	2567	2576				
<i>Sand</i>	2580	2586				
<i>Gordon shaly</i>	2631	2658		2651	show	
<i>Sand</i>	2671	2678				
<i>Fourth sand</i>	2715	2734				
<i>Break Fourth</i>	2725	2729				
<i>Sand</i>	2750	2780				
<i>Break sand</i>	2761	2764				
<i>Fifth sand</i>	2896	2912	2908		show	
<i>Bedyard sand</i>	2936	2940		2936 2939	.6 W 5 7/16	1.0 W 5 7/16 848 Mcf

FIRST PRESSURE TEST IN 6 7/8 CASING

REMARKS

30 Sec.	10	lbs.	125 7/16	1
1 Min.	14	"	21	4
2 "	23	"	40 5/16	6
5 "	48	"	93	17
10 "	78	"	163	28
20 "	128	"	270	
30 "	175	"	340	41

Rock Pressure 470-480 lbs. in 424-17 lbs.

Taken Apr. 12-1916. 19 May 9-1917.

By

WELL TUBED AND PACKED May 9 1917

VIZ:- 142 ft. 2946 ft. 3" tubing.
 1- 5 7/16 X 3" O. D. S. Packer.
 3 ft. 32 ft. of 3" anchor.
 1- 3" R. & L.

FIRST PRESSURE TEST IN 3 TUBING

REMARKS

30 Sec.	30	lbs.	
1 Min.	48	"	
2 "	78	"	
5 "		"	
10 "		"	
15 "		"	
30 "		"	

Rock Pressure " in

Taken 19

By

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

1 set Rig irons with iron necks	\$ 190.00	Crispman & Goodman Foundry Co.
1-13" stove condenser	\$ 5.85	"
11926 ft. Lumber @ 50.	\$ 417.91	Eli Wright
1 set Rig timbers	\$ 100.00	A.C. Lough
2477 ft. Lumber \$ 37.00 Del.	\$ 74.21	Eli Wright

DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPlicate AND ONE COPY TO BE FORWARDED TO THE STATE ENGINEER AND THE FIELD OFFICE AND OTHER COPIES IF REQUIRED SHOULD BE DELIVERED TO EACH WELL OPERATOR AT THEIR RESPECTIVE HOMESITES

Christopher Coal Company, <small>PLUG OPERATOR OR OWNER</small>	Available Gas Company, West Va. Div. <small>NAME OF WELL OPERATOR</small>	
Logan, West Va. <small>ADDRESS</small>	Glenzburg, West Va. <small>LOCALITY WHERE</small>	
	September 24, 1960 <small>DATE AND LOCATION</small>	12 St.
	Slay <small>DISTRICT</small>	
	Marionville <small>COUNTY</small>	
Mr. & Mrs. [Name] for Mr. C. [Name] <small>NAME OF PERSON FOR WHOM MADE</small>	Well No. 1234	
201 Lewis Street, Marlinton, W. Va. <small>ADDRESS</small>		June 1, 1960

BEING HEREBY MADE BY SAID WELL OPERATOR Not Requested

AFFIDAVIT



STATE OF WEST VIRGINIA

County of Marion

James M. [Name] and John [Name]

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling of oil gas wells and were employed by Christopher Coal Co., West Va. Div., last operator and participated in the work of plugging and filling the above well, that said well was abandoned on the 25 day of August 1960 and that the well was plugged and filled in the following manner:

DATE OF EACH STRIKE	PLUGGING METHOD	PLUGGING DEPTH	PLUGGING TYPE	PLUGGING NOTES
8/25/60	1 1/2" Cement Plug	20'	1 1/2" Cement Plug	
8/25/60	2" Cement Plug	35'	2" Cement Plug	
8/25/60	3" Cement Plug	50'	3" Cement Plug	
8/25/60	4" Cement Plug	65'	4" Cement Plug	
8/25/60	6" Cement Plug	80'	6" Cement Plug	
8/25/60	8" Cement Plug	95'	8" Cement Plug	
8/25/60	10" Cement Plug	110'	10" Cement Plug	
8/25/60	12" Cement Plug	125'	12" Cement Plug	
8/25/60	14" Cement Plug	140'	14" Cement Plug	
8/25/60	16" Cement Plug	155'	16" Cement Plug	
8/25/60	18" Cement Plug	170'	18" Cement Plug	
8/25/60	20" Cement Plug	185'	20" Cement Plug	
8/25/60	22" Cement Plug	200'	22" Cement Plug	
8/25/60	24" Cement Plug	215'	24" Cement Plug	
8/25/60	26" Cement Plug	230'	26" Cement Plug	
8/25/60	28" Cement Plug	245'	28" Cement Plug	
8/25/60	30" Cement Plug	260'	30" Cement Plug	
8/25/60	32" Cement Plug	275'	32" Cement Plug	
8/25/60	34" Cement Plug	290'	34" Cement Plug	
8/25/60	36" Cement Plug	305'	36" Cement Plug	
8/25/60	38" Cement Plug	320'	38" Cement Plug	
8/25/60	40" Cement Plug	335'	40" Cement Plug	
8/25/60	42" Cement Plug	350'	42" Cement Plug	
8/25/60	44" Cement Plug	365'	44" Cement Plug	
8/25/60	46" Cement Plug	380'	46" Cement Plug	
8/25/60	48" Cement Plug	395'	48" Cement Plug	
8/25/60	50" Cement Plug	410'	50" Cement Plug	

and that the work of plugging and filling said well was completed on the 26 day of September 1960.

And further deposes with oath

Done in and authorized before me this 30 day of September 1960.

My commission expires December 12, 1960

Emory W. [Signature]
Carl [Signature]
John [Signature]
County Clerk
Marion County
West Virginia