

New Location
 Drill Deeper
 Abandonment Not in Vol. XVI

Company Godfrey L. Cabot, Inc.
 Address 900 Union Bldg. Charleston, W.Va.
 Farm J.L. McLean Hrs. unit # WV-30
 Tract _____ Acres 409 Lease No. 3-463
 Well (Farm) No. 28 Serial No. 1103
 Elevation (Spirit Level) 948
 Quadrangle Winfield - EC
 County Putnam District Union
 Engineer Regina McDonald
 Engineer's Registration No. 610
 File No. _____ Drawing No. _____
 Date 5-5-43 Scale 1" = 1320

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

WELL LOCATION MAP
 FILE NO. Put-239-D

+ 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.

Completed deepening on Oct. 16, 1950

Deep Well

6-0(192)-orig. - dry hole - 6-1-92 - deepening

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Put 239
Winfield Quad.
Company
Address
Farm
Location
Well No
District
Surface
Mineral
Commenced
Completed
Not shot
Dry Hole
Salt Water

Godfrey L. Cabot, Inc.
Charleston, W.Va.
J.L. McLean Hrs. Acres
28-Ser 1103 Elev. 948.0
Union Putnam County

Dry Hole
CASING & TUBING

8 5/8" 25.55# 1070
7" OD 24# 2318
8 5/8" x 10" csg. shoe
7" x 16" csg. shoe
Not tubed

June 6, 1943
Dec. 16, 1943

1195' 6 bbl. per hr. filled up to
535'

Red Clay	0	10
Gray Sand	10	20
Red Rock	20	30
Gray Sand	30	80
Red Rock	80	135
Grey Slate	135	155
Red Rock	155	230
Slate & Shells	230	260
Red Rock	260	580
Slate Shells	580	715
Red Rock	715	760
Slate Shells	760	830
Red Rock	830	852
Sand	852	886
White Slate	886	897
Slate-Shells	897	938
Red Rock	938	959
Slate-Shells	059	978
Red Rock	978	1005
Grey	1005	1029
Red Rock	1029	1046
Sand	1046	1205
Blue Slate	1205	1310
Sand	1310	1418
Black Slate	1418	1478
Sand	1478	1498
Black Slate	1498	1508
Sand	1508	1612
Black Slate	1612	1656
Sand	1656	1678
Black Slate	1678	1718
Sand	1718	1752
Black Slate	1752	1786
Salt Sand	1786	1955
Big Lime	1955	2105
Keener Sand	2105	2135
White Slate	2135	2150
Injun Sand	2150	2260
Slate-Shells	2260	2481
White Shale	2481	2592
Brown Shale	2592	2622
Berea Grit	2622	2627
Slate-Shells	2627	2963
TOTAL DEPTH	2963	SLM

Hole reduced to 10" at 519'

4974
948

4026

5078
948

4130

5106
948

4158

5127
908

54179

Show gas and water at 2180'

Onondagan Group 4974 - 5078
Oriskany 5078 - 5106
Blacklime 5106 - 5109
Oriskany Sand 5109 - 5127
Dark lime 5127 - 5132
TD 5132'
Completed Oct. 16, 1950

DATA in
OIL & GAS DIV.
Annual RPT.
1950

198 MCF Initial
Vol 2,475 MCF.

SERIAL NO. _____ OPERATING DISTRICT _____
 FARM _____ No. _____
 COUNTY Putnam TAX DISTRICT _____ STATE W. Va.
 DRILLING COMMENCED June 6, 1943 DRILLING COMPLETED in 612-42
 CONTRACTOR Ernest J. ... ADDRESS Professional Building, Charleston, W. Va.

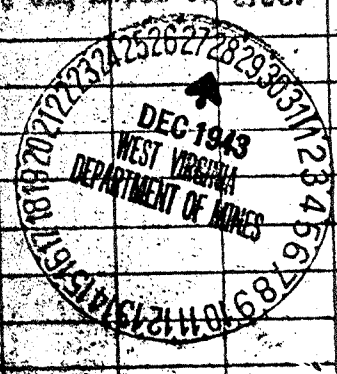
ROCK PRESSURE RECORD				PRODUCING SAND RECORD <i>dry hole</i>			
<i>dry hole</i>	Sand	lbs. in	hrs.	Sand, from	to	Init. Prod.	M. C. F.
	Sand	lbs. in	hrs.	Sand, from	to	Init. Prod.	M. C. F.
	Sand	lbs. in	hrs.	Sand, from	to	Init. Prod.	M. C. F.

OPEN FLOW		CASING RECORD					
Time, Condition:		SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	HOW CASING SET	
10ths	Water Mercury in inch opening	3-1/2"	22.25	1070		3-1/2" x 10" casing shoe	
Volume	M. C. F.	7" CD	20	2225		7" x 10" casing shoe	
24 HOUR PRODUCTION TEST AFTER TUBING							
M. C. F.	Line Pressure						
Bbls. Oil	in 24 Hours						

TUBED AND SHUT IN Date not tubed
 Packer, Size _____ Kind _____
 Set, Depth _____ Size Anchor _____
 Perf. Top _____ Bottom _____
 Perf. Top _____ Bottom _____
 SHOOTING RECORD Not shot
 Shot with _____ from _____ to _____ Date _____
 Gauge Before Shot _____ Gauge _____ Min. Hrs. After Shot _____

FORMATION	COLOR	TOP	BOTTOM	STEEL LINE MEASUREMENTS	HARD OR SOFT	OIL, GAS OR WATER	DEPTH FOUND	DISTANCE ABOVE OR BELOW S. L.	REMARKS
Red Clay		0	10						
Grey Sand		10	20						
Red Rock		20	25						
Grey Sand		25	30						
Grey Salts		125	125						
Red Rock		125	150						
Slate Shells		150	160						
Red Rock		160	160						Hole reduced to 10" at 160'
Slate Shells		160	175						
Red Rock		175	180						
Salts Shells		180	190						
Red Rock		190	195						
Sand		195	200						
White slate		200	205						
Slate Shells		207	210						
Red Rock		210	215						
Salts Shells		215	215						
Red Rock		215	220						
Grey		220	225						
Red Rock		225	230						
Sand		230	235						Water at 230' & hole was filled up to 230'
Blue slate		230	230						
Sand		230	235						
Blagy slate	corrosive	235	240						

Carbon Copy - Not too clear



SERIAL NO. _____ FARM _____
 WARRANT NO. _____

Put 239

OPERATION

WARRANT NO.

FORMATION	TOP	BOTTOM	THICKNESS	ROCK	OIL, GAS OR WATER	REMARKS
Black slate	1475	1515				
Sand	1505	1515				
Black slate	1515	1575				
Sand	1575	1715				
Black slate	1715	1755				
Salt sand	1755	1855				
Big lime	1855	2105				
Keener sand	2105	2135				
White slate	2135	2180				
Loam sand	2180	2260				Some gas and water at 2180
Slate-Shells	2260	2401				
White shale	2401	2592				
Brown shale	2592	2622				
Berea grit	2622	2627				
Slate-Shells	2627	2628				
Total depth		2955				

FORMATION	TOP	BOTTOM	THICKNESS	ROCK	OIL, GAS OR WATER	REMARKS
Black slate	1475	1515				
Sand	1505	1515				
Black slate	1515	1575				
Sand	1575	1715				
Black slate	1715	1755				
Salt sand	1755	1855				
Big lime	1855	2105				
Keener sand	2105	2135				
White slate	2135	2180				
Loam sand	2180	2260				Some gas and water at 2180
Slate-Shells	2260	2401				
White shale	2401	2592				
Brown shale	2592	2622				
Berea grit	2622	2627				
Slate-Shells	2627	2628				
Total depth		2955				

WARRANT APPROVED



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well GAS
(KIND)

Quadrangle Winfield

WELL RECORD

Permit No. PUT-239-D

Company	<u>Cabot Corporation, Godfrey L. Cabot Division</u>		Casing and Tubing	Used in Drilling	Left in Well	Packers
Address	<u>Charleston, W. Va.</u>		Size			
Farm	<u>J. L. McLean Hrs.</u>	Acres <u>4.99</u>	16"			
Location (waters)	<u>Eighteenmile Creek</u>		13 3/8"	24	24	Kind of Packer <u>Bottom Hole</u>
Well No.	<u>28, Serial 1103</u>	Elev. <u>948</u>	10 3/4"	525	525	Size of <u>5 1/2 x 7 x 15"</u>
District	<u>Union</u>	County <u>Putnam</u>	8 1/4"			Depth set
The surface of tract is owned in fee by _____			6 3/4"	2323	2323	
Mineral rights are owned by <u>Kanawha Vally Bank, Agt., F.A. Hardy et al, % Trust Dept, Box 1793, Charleston, WVa</u>			5 3/8 1/2"	4994	4994	
Drilling commenced	<u>August 10, 1950</u>		4 1/4"			Perf. top
Drilling completed	<u>October 16, 1950</u>		3"			Perf. bottom
Date Shot	<u>10/16/50</u>	From <u>5084</u> To <u>5104</u>	2"			Perf. top
With	<u>40 quarts</u>		Liners Used			Perf. bottom

Open Flow. /10ths Water in _____ Inch _____ Attach copy of cementing record.

/10ths Merc. in _____ Inch _____ CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

Volume 671,000 Cu. Ft. Amount of cement used (bags) _____

Rock Pressure 1605 lbs. 26 hrs. Name of Service Co. _____

Oil _____ bbla. 1st 24 hrs. COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

WELL ACIDIZED (DETAILS) _____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED (DETAILS) _____ FEET _____ INCHES FEET _____ INCHES

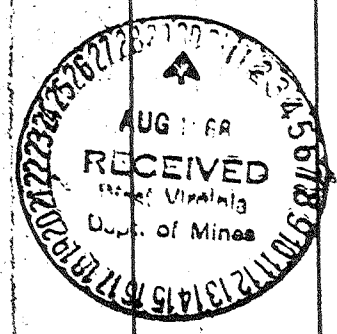
RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____

ROCK PRESSURE AFTER TREATMENT _____ HOURS

Fresh Water 1195 Feet Salt Water _____ Feet

Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Clay			0	10			
Gray Sand			10	20			
Red Rock			20	30			
Gray Sand			30	80			
Red Rock			80	135			
Gray Slate			135	155			
Red Rock			155	236			
Slate & Shells			236	260			
Red Rock			260	580			
Slate & Shells			580	715			
Red Rock			715	750			
Slate & Shells			750	830			
Red Rock			830	852			
Sand			852	886			
White Slate			886	897			
Slate & Shells			897	938			
Red Rock			938	959			
Slate & Shells			959	978			
Red Rock			978	1005			
Gray Slate			1005	1029			
Red Rock			1029	1046			
Sand			1046	1205	Water	1195	6 bbls/hr-ft up to 535'.
Blue Slate			1205	1310			
Sand			1310	1418			
Black Slate			1418	1478			
Sand			1478	1498			
Black Slate			1498	1508			
Sand			1508	1612			



	Bottom	Depth Feet	Remarks
Slate	1612	1656	
Sand	1656	1678	
Black Slate	1678	1718	
Sand	1718	1752	
Blue Slate	1752	1786	
Salt Sand	1786	1955	
BIG LIME	1955	2105	
KEENER SAND	2105	2135	
White Slate	2135	2150	
INJUN SAND	2150	2260	Gas
Slate & Shells	2260	2481	Show
White Shale	2481	2592	
Brown Shale	2592	2622	
BEREA Grit	2622	2627	
Slate & Shells	2627	2963	Gas
Slate & Shells	2963	3200	
Blue Lime	3200	3245	
Slate & Shells	3245	3862	Gas
Brown Shale	3862	3900	Show
Gray Slate	3900	3952	
Slate & Shells	3952	4095	
Brown Shale	4095	4312	Gas
Slate & Shells	4312	4775	
Brown Shale	4775	4974	
CORNIFEROUS LIME	4974	5078	
ORISKANY SAND	5078	5106	
Black Lime	5106	5109	Gas
Dark Lime	5109	5127	5085-87
			198 Mcf.
TOTAL DEPTH	5127	5132	000,176

Date August 28, 1966
 APPROVED CABOT CORPORATION
 By R. G. Malcolm, Chief Geologist
 (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

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

Not operated

Cabot Corporation

Coal Operator

Name of Well Operator

Address

P. O. Box 1473
Charleston, W. Va. 25325

Complete Address

August 26, 1966

Date

Coal Owner

WELL TO BE ABANDONED

Address

Union

District

Putnam

County

Kanawha Valley Bank, Agent,

Lease or Property Owner
F. A. Hardy et al, c/o Trust Dept.,
Box 1793, Charleston, W. Va.

Well No. 28, Serial 1103

Address

J. L. McLean Hrs.

Farm

BOX 37-A

Inspector to be notified E. L. LUSHER

City LAVALETTE,

Telephone 525-6868

West Virginia

Gentlemen:— 24 HOURS IN ADVANCE OF PLUGGING

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

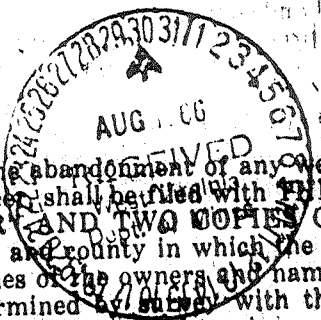
This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

CABOT CORPORATION

Well Operator



NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract.

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NOT TRANSFERABLE

Permit Number

Put 239



PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REGULATED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

NEW HORNBAUGH COAL FIELD, COUNTY OF MONTGOMERY, STATE OF WEST VIRGINIA
WORK ORDER

Well to be plugged and filled as follows:

Run cement plug from total depth to 4990'

Fill with aquagel from 4990' to 2270'

Run 10-foot cement plug from 2270 to 2260'

Fill with aquagel from 2260 to 2130'

Run 10-foot cement plug from 2130 to 2120'

Fill with aquagel from 2120 to 1210'

Run 10-foot cement plug from 1210 to 1200'

Fill with aquagel from 1200 to 1175'

Run 10-foot cement plug from 1175 to 1165'

Fill with aquagel from 1165 to 10'

Fill with cement to surface and erect permanent monument as prescribed

(All casing which can be freed shall be removed from well during filling operations.)

To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless no disapproval or non-concurrence, the undersigned will proceed with the plugging and well in the above described manner on the date inspector is notified after permit is

Very truly yours,

CABOT CORPORATION

No objections have been filed by the coal owner or coal operator, or any available or property owners or interposed by the Department of Mines to the manner herein the plugging and filling of the well above mentioned. Therefore, the same is hereby

30 day of August 1966

DEPARTMENT OF MINES
Oil and Gas Division

BY: [Signature]

NOTE: This "work order" shall be filed in duplicate, one copy for the files of the Department to be approved or corrected and returned to the well operator as his authority for plugging and the well inspector.