

Company Cabot Corporation
 Address Box 1473 Charleston W.Va.
 Farm Raymond City Coal & Transp. Co
 Tract _____ Acres 2108 Lease No. 3-1264
 Well (Farm) No. 5 Serial No. 1555
 Elevation (Spirit Level) 938.21
 Quadrangle Winfield-SE
 County Putnam District Pocatalico
 Engineer Roy Boston
 Engineer's Registration No. 3204
 File No. _____ Drawing No. _____
 Date 10-8-64 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. PUT-706

+ 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.

No Samples 6-6-192 Deep Well



Corrected Permit Number

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 9

Quadrangle WINFIELD

Permit No. ~~HAN-2006~~ PUT-706

WELL RECORD

Oil or Gas Well GAS

(KIND)

Company Cabot Corporation
Address Charleston, W. Va.
Farm Raymond City Coal & Tr. Co. Acres 2108
Location (waters) _____
Well No. 5, Serial 1555 Elev. 938.21
District Pocatalico County Putnam
The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by Raymond City Coal & Tr
Lower River Road Address North Bend, Ohio

Drilling commenced November 13, 1964
Drilling completed December 10, 1964
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 1/23/65 with 6000 gals
from 1846 to 1895.

WELL FRACTURED (1) Oriskany with 12,500# sand,
Oriskany with 19,000# sand, 800 bbls water.

RESULT AFTER TREATMENT Produced 1,800 Mcf - 110# line pressure.

ROCK PRESSURE AFTER TREATMENT Big Lime: 660#-24 hrs.

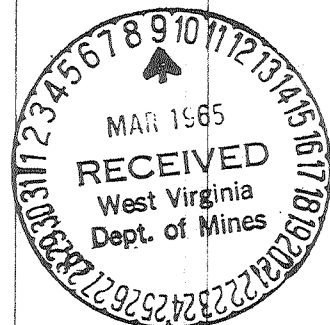
Fresh Water 85 Feet Salt Water 1595 Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	32	32	
13			
10	855	855	Size of -----
8 1/4			
6 5/8 7"	2138	2138	Depth set
5 3/16 4 1/2"	4967	2898	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 16" SIZE 32 No. Ft. _____ Date
10" w/75 bags; 7" w/375 bags & 4 1/2" w/30 bags.

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Clay			0	25			
Sand			25	85			
Shale & Sand			85	180			
Shale			180	210			
Sand & Shale			210	325			
Red Rock			325	350			
Sand & Shale			350	440			
Red Rock			440	475			
Sand			475	555			
Red Rock			555	570			
Shale			570	656			
Sand & Lime			656	728			
Sand			728	805			
Sand & Shale			805	850			
Sand			850	860			
Shale			860	935			
Shale & Sand			935	981			
Sandy Lime & Shale			981	1070			
Shale & Sand			1070	1540			
Salt Sand			1540	1805	S. Water	1595	
Little Lime			1805	1865			
BIG LIME			1865	2015	Gas	1894	1,000 M (est)
Injun			2015	2110			
Shale			2110	2150			
Sand			2150	2204			
Shale			2204	2447			
BEREA			2447	2495			
Sandy Shale			2495	2525			
Shale			2525	2600			



Deepwell

Formation	Color	Hard or Soft	Top ⁹	Bottom	Oil, Gas or Water	Depth Found	Remarks
Limey Shale			2600	2790			
Shale & Shell			2790	3203			
Shale			3203	4830			
Corniferous			4830	4915			
ORISKANY			4915	4935	Gas	4929	353 Mcf
Sandy Lime			4935				
TOTAL DEPTH				4980			
			4830				
			938				
			<u>3892</u>				

& 2. Department of Mines
 3. Cumberland Gas Co., Chastn., W. Va.
 4. Raymond City Coal & Tr. Co.
 Lower River Road, North Bend, O.
 5. S-1555 Pocket

Date 3/3/65, 19____
 APPROVED CABOT CORPORATION, Owner
 By D. C. Malsolm
 Chief Geologist (Title)