

LATITUDE  $35^{\circ} 38' 30''$

LONGITUDE  $81^{\circ} 45'$

TOPO. LOC.

8200 AC Military Survey

Tract # 14  
H.O. Carter

Tract # 6  
Abel Witherow  
156.1 AC

Ben Melton  
Tract 85.8 AC

Coal Branch  
RAYMOND CITY

S 77° 16' W  
1501.64

N 70° 25' W  
1700.00  
No. 42 Branch

H.P. Kelly Tract  
50 AC FEE

RAYMOND

No 16

Ben Melton Tract  
249.1 AC

Stones  
100.2 Dogwood  
Pointers

East  
1000.00  
No 17  
TRACT No. 90

179.6 AC

Kinnerson Branch

**CERTIFICATE**

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."  
Minimum degree of accuracy is one part in 200

Signed Roy Boston

1.02 S.  
1.02 W  
1 NE (J-4)

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY Cabot Corporation  
 ADDRESS Box 1473 Charleston W Va  
 FARM Raymond City Coal & Transp. Co  
 MAP \_\_\_\_\_ ACRES 2100.0 LEASE NO. 3-1264  
 WELL (FARM) NO. 9 SERIAL NO. 1562  
 ELEVATION (SPIRIT LEVEL) 963.56  
 QUADRANGLE Saint Albans - NE  
 COUNTY Putnam DISTRICT Pocatalica  
 POINT OF PROVEN ELEVATION USGS B.M. on Concrete  
Bridge Over Poca River at Lanham  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE 5-28-65 SCALE 1" = 1000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
 WELL LOCATION MAP  
 FILE NO. PAT-714

+ 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 Sampler

Deep Well



9-29-65  
WJ

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Saint Albans

Permit No. PUT-714

WELL RECORD

Oil or Gas Well GAS  
(KIND)

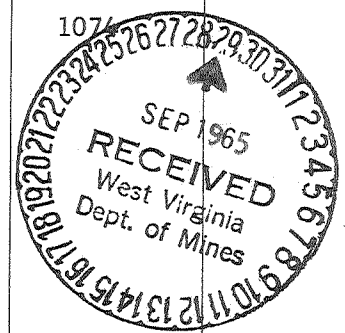
Company Cabot Corporation  
Address 900 Union Bldg., Charleston, W.V.  
Farm Raymond City Coal & Tr Co Acres 2102  
Location (waters) Kellys Branch  
Well No. 9, Serial 1562 Elev. 963.56  
District Pocatalico County Putnam  
The ~~surface of land~~ mineral rights is owned in fee by Raymond City Coal & Tr. Co., Lower River Bend, Ohio  
Address North Bend, Ohio  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced July 17, 1965  
Drilling completed August 2, 1965  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 1,100,000 Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED with 500 gallons acid, 700 bbls of fluid and 10,500# sand.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 1/4			Depth set
6 5/8	2520	2520	
5 3/16			Perf. top
3x 4 1/2"	5040	5040	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED 7" and 4 1/2" SIZE No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
7" w/ 160 bags; 4 1/2" w/ 60 bags  
COAL WAS ENCOUNTERED AT 240 FEET 84 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT 4,200,000 cubic feet of gas  
ROCK PRESSURE AFTER TREATMENT 1215# in 24 hours  
Fresh Water 260 ; 665 Feet Salt Water 1074 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay & Sand			0	26			
Sand			26	90			
Red Rock			90	140			
Sand			140	197			
Shale			197	240			
<u>COAL</u>			240	247			
Red Rock & Shale			247	665	Water	665 & hole wet at 260.	
Sand & Shale			665	710			
Sand			710	765			
Sand & Shale			765	1074			
Slate & Shale			1074	1175	Water	1074	
Sandy Shale			1175	1335			
Sand			1335	1520			
Salt Sand			1520	1750			
Sand	Brown		1750	1832			
Lime & Sand			1832	1891			
<u>BIG LIME</u>			1891	2000			
Shale			2000	2014			
Injun			2014	2064			
Slate & Shell			2064	2159			
Sand			2159	2250			
Shale			2250	2492			
Berea			2492	2508			
Slate & Shale			2508	2580			
Shale			2580	4854			
Corniferous			4854	4936			
Oriskany			4936	4957			
Lime			4957				
TOTAL DEPTH				5052			



Date 9/21/65  
APPROVED: \_\_\_\_\_  
CABOT CORPORATION  
By [Signature]  
Chief Geologist