



5.29 S.
 4.33 W. OK
 9 SW (I-52)

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

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY Cabot Corporation
 ADDRESS Box 1473 Charleston Wva
 FARM Raymond City Coal Transportation Co
 MAP _____ ACRES _____ LEASE NO. 3-1264
 WELL (FARM) NO. B SERIAL NO. 1561
 ELEVATION (SPIRIT LEVEL) 910.71
 QUADRANGLE Kenna-S.W
 COUNTY Putnam DISTRICT Pocahontas
 POINT OF PROVEN ELEVATION U.S.G.S. B.M. at Lanham
Elev. 591.0
 FILE NO. _____ DRAWING NO. _____
 DATE 5-29-65 SCALE 1" = 1000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE No. PUT-713

+ 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

Deep well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Kenna S.W.
Permit No. PUT-713

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Cabot Corporation
Address Charleston, W. Va.
Farm Raymond City Coal & Tr. Acres 2108
Location (waters) Harmons Creek
Well No. 8, Serial 1501 Elev. 710.71
District Putnam County Pocatalico
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Raymond City Coal & Trans.
Company Lower Rvr Bend Address North Bend, Ohio
Drilling commenced June 17, 1965
Drilling completed July 12, 1965
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 with 500 gals MCA, 705 bbls of water and 19,000# sand.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18	25		
20	7" 1852		Size of
22	4 1/2" 4746		
6 3/8			Depth set
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 7" cemented w/50 bags;
SIZE _____ No. Ft. _____ Date _____
4 1/2" cemented w/55 bags.
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT Dry
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet Salt Water 1380, 1900-58 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
and			0	25			
ed Rock			25	54			
andy Shale			54	170			
hale			170	390			
and & Shale			390	430			
and			430	535			
and & Shale			535	855			
and			855	914			
and & Shale			914	1075			
and			1075	1115			
and & Shale			1115	1260			
and			1260	1335			
and Sand			1335	1610	Water	1380	Salt Water
ittle Lime			1610	1640			
ig Lime			1640	1750			
ijun.			1750	1810			
hale			1810	1850			
hale & Sand			1850	1958	Water	1900-58.	
Hale			1958	2218			
and & Shale	Be		2218	2238			
hale - u4m	Dev.		2238	4618			
orniferous			4618	4692			
DETRITARY			4692	4723	Gas	Show; not enough to gauge.	
and & Lime			4723				
TOTAL DEPTH				4780	CABOT CORPORATION		

4618
711
3907

By J. H. Malcolm
Chief Geologist
August 2, 1965