



0.20' S.
3.85' W.
3

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 Booton

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

3 NW (J-5-2)

COMPANY	<u>Cobot Corporation</u>
ADDRESS	<u>Box 1423 Charleston W.Va.</u>
FARM	<u>Raymond City Coal & Transp. Co.</u>
MAP	<u>Acres Prof 2108 Ac. Parcel 3-1264</u>
WELL (FARM) NO.	<u>7</u> SERIAL NO. <u>1560</u>
ELEVATION (SPIRIT LEVEL)	<u>733.47</u>
QUADRANGLE	<u>Charleston - N.W.</u>
COUNTY	<u>Putnam</u> DISTRICT <u>Pocotalico</u>
POINT OF PROVEN ELEVATION	<u>USGS B.M. at Lanham</u> <u>Elev. 591.00</u>
FILE NO.	DRAWING NO.
DATE	<u>5-18-65</u> SCALE <u>1" = 1320'</u>

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. Flat-712

+ 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 Charleston N.W.

Permit No. PUT-712

WELL RECORD

Oil or Gas Well Dry

(KIND)

Company Cabot Corporation
Address Charleston, W. Va.
Farm Raymond City Coal & Trans. Co. Acres 2108

Location (waters) _____
Well No. 7-S-1560 Elev. 733.47
District Pocatalico County Putnam

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by Raymond City Coal & Trans. Co.
Company, Lower River Road, North Bend, Ohio

Drilling commenced June 2, 1965
Drilling completed June 28, 1965
Date Shot _____ From _____ To _____

With _____

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Dry _____ Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED in Big Lime with 500 gallons MCA, 600 bbl water & 12,000# sand, Fractured
through perforations from 1718 to 1725.

RESULT AFTER TREATMENT Dry

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 100 Feet _____ Salt Water 1450 Feet _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	39	39	
10			Size of
8 1/2			
6 5/8 7"	1877	-	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 7" with 50 bags. SIZE _____ No. Ft. _____ Date _____

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
Clay and Sand			0	40			
Redrock & Shale			40	450	Water	100	Small amount
Sand			450	500			
Shale			450	720			
Sand & Shale			720	1380			
Salt Sand			1380	1628	Water	1450	Salt Water
Big Lime			1628	1775			
INJUN			1775	1840			
Sand & Shale			1840	1877			
Shale			1877	1930			
Sand, Shaley			1930	1975			
Shale			1975	2240			
Berea			2240	2265			
Shale			2265	3570			
Shale & Shell			3570	3650			
Shale			3650	4684			
Corniferous			4684	4770			
Oriskany			4770	4805	Gas	4795-4805	15 Mcf
Lime & Chert			4805				
TOTAL DEPTH				4870			

Received July 16, 65

DATE July 16, 1965

APPROVED: CABOT CORPORATION

By [Signature]
Chief Geologist