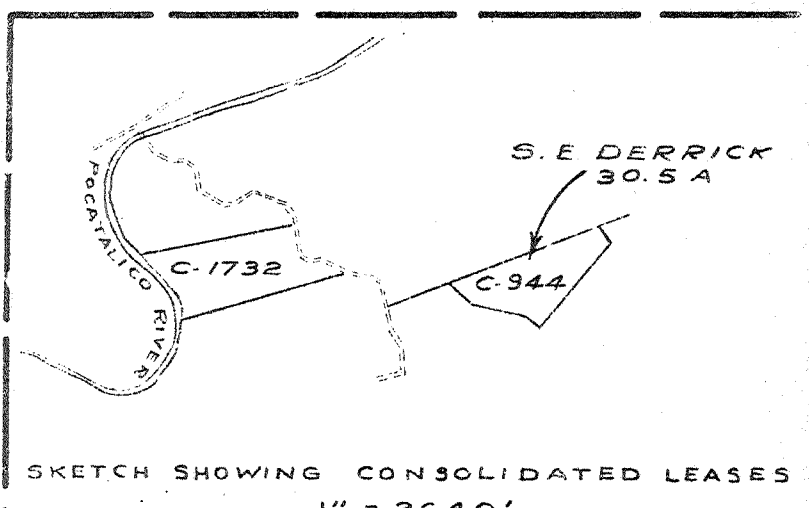


Handwritten notes:
 0.78 W
 0.19 S
 7.5' ± 15' (taken from OGIS map) side
 .16 S
 .61 W



LOCATION 1.1 M. N.W. OF POCATALICO

New Location X
 Drill Deeper
 Abandonment

Company COLUMBIAN CARBON CO.
 Address BOX 1240 - CHARLESTON - W.VA.
 Farm CENTRAL TRUST CO. ET AL
 Tract _____ Acres 74.25 Lease No. C-1732
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 854.0
 Quadrangle CHARLESTON N.W. -3-
 County KANAWHA District UNION
 Engineer J. S. Bell
 Engineer Registration No. 772
 File No. _____ Drawing No. 277-A
 Date JUNE 7, 1941 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. KAN-832

+ 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.

Handwritten at bottom: 6-6-1942 Deep well

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

Permit No. Kan-832		Gas Well
Company	Columbian Carbon Co.	Casing & Tubing
Address	Box 1240, Charleston, W.Va.	16 55'7 55'7
Farm	Central Trust Co., et al Acres 74.25	
Location	Clay Lick Br. of Tappers Creek	13 3/8 618'6 Pulled
Well No	1 (GW-498) Elev. 863.6 DF	10 1/2 1704'9 "
District	Union Kanawha County	8 5/8 1940 3 1940'3
Surface	S.E. Derrick et al -contact Columbian Carbon for addresses)	7 4885'5 4885'5
Mineral	Same	2 3/8 5006'5 5006'5
Commenced	8-12-41	Liners used
Completed	12-23-41	3 1/2" 94'10 94'10
Shot	12-23-41 Depth 4948--4968	
Volume	610MCF	
Rock Pressure	1585 lbs. 28 days	
Oil	1880 Show	
Fresh Water	220' Show; 275' 1 Bbl. pr. hr.	
Salt Water	1260 Filling up; 1280' Hole Full 1880' 2-8" Blrs. pr. hr.	

Clay	0	25
Sand	25	35
Slate	35	40
Sand	40	80
Slate	80	120
Red Rock	120	126
Slate	126	135
Red Rock	135	155
Slate	155	205
Red Rock	205	215
Slate	215	225
Sand	225	284
Red Rock	284	320
Slate	320	340
Sand	340	360
Slate	360	380
Coal	380	388
Slate	388	405
Red Rock	405	450
Sand	450	502
Slate	502	510
Red Rock	510	518
Slate	518	546
Sand	546	625
Slate	625	670
Sand	670	710
Slate	710	725
Sand	725	740
Slate	740	780
Sand	780	830
Slate	830	845
Sand	845	875
Slate	875	1110
Sand	1110	1185
Slate	1185	1210
Salt Sand	1210	1468
Slate	1468	1475
Salt Sand	1475	1600
Slate	1600	1608
Red Rock	1608	1622
Black Lime	1622	1645
Black Slate	1645	1652
Little Lime	1652	1675

Slate	1671	1674
	1675	1678 DLM
DLM	1678	1674 SLM
Big Lime	1674 SLM	1825-Gas SLM
Big Injun	1825	1900 1728'
Slate	1900	1915
Sand Shell	1915	1920 Sh.Oil
Slate & Shells	1920	2304 1880
Brown Shale	2304	2312
Berca Grit	2312	2322 Sh.Gas
Blue Lime	2322	2340 2315
Sl. & Shells	2340	3558
Brown Shale	3558	3590
Sl. & Shells	3590	3910
Brown Shale	3910	4125
Wh. Slate	4125	4535
Brown Shale	4535	4760
White Slate	4760	4780
Brown Shale	4780	4795
Black Shale	4795	4838 SLM
Corniferous	4838 SLM	4933 SLM
Oriskany Sd.	4933 "	4969
Black Lime	4969	4983
Oriskany Sd.	4983	4992
Lime	4992	5010 SLM
TOTAL DEPTH		5010

PAY: 4948-56

NOTE: Well gauged 365 MCF at 1747' in Big Lime. Ran 1748'5" of 2 3/8" tubing and 31'5" of 5 1/2" liner, and acidized 10-11-41 with 1500 gallon of acid. Well gauged 169MCF before acidized and 852MCF after acidized. Shut in 10-12-41. 72 hr. pressure 190#. Tubing and liner were pulled and drilling was continued thru Oriskany sand. 8" was run thru Big Injun, and the Big Lime gas is completely cemented off by cementing between 8" casing and the 10" hole. CEMENT RECORD: 8-29-41 Aquagelled 13 3/8" casing. Ran 15 sacks Aquagol and 1sack Fibrotex. 10-2-41 10 1/2" casing. Mixed 3 bu. slack coal and 25 to 30 gal. mud. 10-24-41 Cemented 8 5/8" casing. Ran 300 sacks Alpha cement mixed with 6 sacks Aquagol. 10' hard cement in pipe. 12-8-41 Cemented 7" casing. Ran 12 sacks Superior cement with dump bailer. 25' hard cement in pipe.