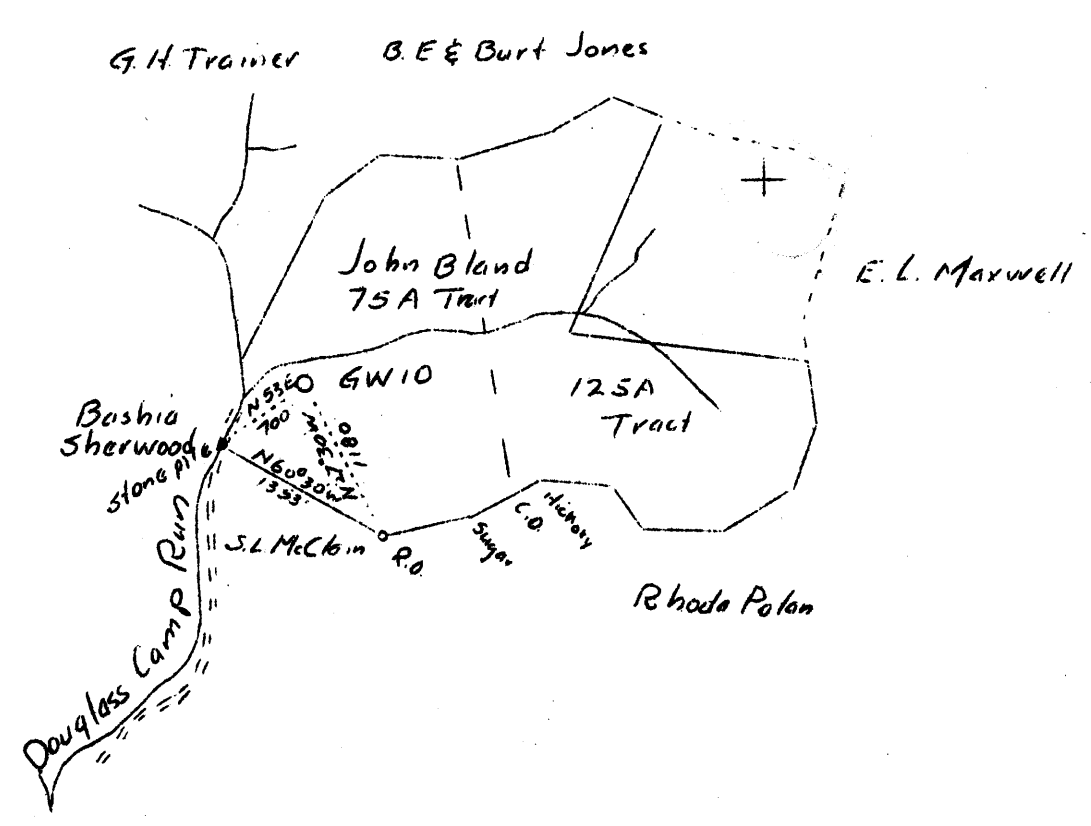


0 1 2 3 LATITUDE 39 20

LONGITUDE 80° 40'



Well to be Drilled Deeper

Company Columbian Carbon Co.
 Address Box 1240, Charleston, W. Va.
 Farm John Bland
 Tract Acres 200 Lease No. C-169
 Well(Farm) No. #1 Serial No. GW-10
 Elevation(Spirit Level) 971.0'
 Quadrangle Centerpoint S.W.9
 County Doddridge District New Milton
 Engineer C. A. Branham
 Engineer's Registration No. 683
 File No. _____ Drawing No. _____
 Date 2-9-37 Scale 1" = 1320'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 Charleston

WELL LOCATION MAP
 File No. DOD-70

+ Denotes location of well on U. S. 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.

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.....District, Doddridge County, W. Va.
By Castle Brook Carbon Black Co., Smithton, W. Va. (Gen. Off.,
Williamsport, Pa.) (Fred Engstrom, Supt.)
Record received June 15, 1911.
Starts about 100' under Uniontown Coal.
13" conductor, 14"; 10" casing, 253'; 8 1/4", 824'.

Coal	50
Sand and water	140
Sand and water	170
Pittsburgh? Coal (Little Clarksburg)	280
Freeport? Coal (Brush Creek)	605
Gas Sand	645
1st Salt Sand	960
2nd Salt Sand (oil, 1035')	1030
Total depth (SLM)	1061

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

W E L L R E C O R D

Gas Well

No. Dod-70

Drilled Deeper

Point S.W. 9

CASING & TUBING

6-5/8" O.D. 1682' 11"

Company - Columbian Carbon Company
 Address - Box 1240, Charleston, W. Va.
 Location - John B. Land. Acres- 200
 Section - Douglass Camp Run
 Well No. - One (GW-10). Elev. 971.0
 District - New Milton. County- Doddridge
 Surface & Mineral - A. C. Bland
 Blandville, W. Va.
 Drilling - Commenced- 2-11-37
 Completed- 3-7-37
 Date Shot - Not shot
 Open Flow - 1,770, ~~150~~ Cu. Ft.
 Rock Press. - 88 lbs. 1-1/2 Min.
 Oil -
 Fresh Water -
 Salt Water -

FORMATION COLOR		Top	Bottom	RESULT	FORMATION COLOR		Top	Bottom	RESULT
STARTED DRILLING DEEPER AT :			1065 1/2						
2nd Salt Sand		1065 1/2	1180	SIM 1067'					
Slate		1180	1185						
3rd Salt Sand		1185	1260						
Slate & Shells		1260	1290						
Lime		1290	1360						
Sand		1360	1405						
Slate & Shells		1405	1540						
Pink Rock		1540	1580						
Lime		1580	1595						
Slate		1595	1600						
Blue Monday Sand		1600	1635						
Big Lime		1635	1687	SIM 1676'					
Big Injun		1687	1746	Gas 1691-1705-1737-46'					

1635
 150
 1785
 1635
 = 1674
 150
 1774
 1971
 803
 1774