

Map showing the location of Hill No. 4000, of
 John L. Sargent et al. of Hampshire, West Virginia,
 to be abandoned as the Albert Shuman Farm of 81.5 acres
 located in Belleisle District, Boone County,
 West Virginia.

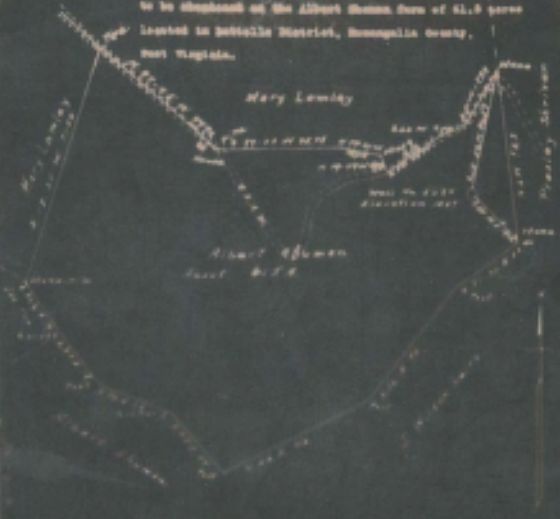


EXHIBIT 1 - UNCLIFIED

I, the undersigned hereby certify that this map is correct
 and shows all the information to the best of my knowledge and
 belief, required by the act and the provisions of the Mining Law
 of West Virginia.

[Signature]
 [Name]

acknowledged before me a Notary Public, in and for
 Boone County, West Virginia, this 10th day of
 [Month] 1918.
 My commission expires

[Signature]
 [Name]

[Signature]
 [Name]

Battelle District, Monongalia County, W. Va.

By Arthur Mackey, Wadestown, W. Va.

(Pittsburgh & W. Va. Gas Co. well).

On 61.5 acres, surface and mineral rights owned by Albert Shuman,
Morgantown, W. Va.

Well was completed May 13, 1914.

Elevation, 1407' L.

10' conductor; 10" casing, 1397'; 8 1/4", 2010' (pulled);
6-5/8", 2091'; 5-3/16", 2326'.

Coal was encountered at 984-989 and 1082-1091'.

Location: 3 miles S/W Blacksville; 18 mi. from mining operations.

Abandonment reported to Dept. of Mines April 4, 1935.

Well was shot at 3530' with 15 qts.

Salt water at 2005-2007-2012'.

5-3/16" hole. Gas well.

Mon-112-A

	Top.	Bottom.	Thickness.
Strata	0	- 670	670
Bluff Sand, hard	670	- 744	74
Strata	744	- 984	240
Mapletown (Sewickley) Coal	984	- 989	5
Strata	989	- 1082	93
Pittsburgh Coal	1082	- 1091	9
Strata	1091	- 1400	309
Little Dunkard Sand, hard	1400	- 1450	50
Strata	1450	- 1564	114
Big Dunkard Sand, hard	1564	- 1633	69
Strata	1633	- 1841	208
Gas Sand	1841	- 1877	36
Strata	1877	- 1880	3
1st Salt Sand, hard	1880	- 1924	44
Strata	1924	- 1941	17
2nd Salt Sand, hard (water)	1941	- 2063	122
Strata (water?)	2063	- 2285	222
Little Lime, hard	2285	- 2311	26
Pencil Cave	2311	- 2316	5
Big Lime, hard	2316	- 2382	66
Big Injun Sand, hard (gas, 2483'; oil, 2485')	2382	- 2592	210
Slate-Shells	2392	- 2860	268
Strata	2860	- 2925	65
Gantz Sand	2925	- 2950	25
Strata	2950	- 3113	163
Campbells Run Sand	3113	- 3140	27
Strata and sands	3140	- 3315	175
Stray Sand (gas, 3350')	3315	- 3368	53
Strata and sands	3368	- 3528	160
Bayard Sand (gas, 3530')	3528	- 3535	7
Strata, to bottom	3535	- 3602	67

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. Arthur Mackay Well No. 5084
W. H. Mackay Company of W. H. Mackay

on the 1111 Shuman Farm

containing 200 60/80 acres. Location Map - 1-3

Nettelle District, in Garfield County, West Virginia

The surface of the above tract is owned in fee by Albert Shuman

of Marion, W. Va. address, and the mineral rights are owned by

State of State

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit

No. _____ issued by the West Virginia Department of Mines, Oil and Gas Division

5/13 1936

Elevation of surface at top of well 1467 feet Depth

The number of feet of the different sized casings used in the well.

10 feet also Wood conductor

1397 feet 10 also, cap 3310 - 1111 feet 5' also cap.

2051 feet 6 3/8 also, cap 2326 feet 5-3/16 also cap.

feet also, cap feet also cap

pieces of also, set at

pieces of also, set at

, in casing perforated at feet to feet

, in casing perforated at feet to feet

Coal was encountered at 284 feet, thickness 60 inches, and at 1082

feet thickness 108 inches; and at _____ feet thickness _____ inches.

Items were used as follows: (Give details)

April 4, 1936 Date Arthur Mackay Approved _____

Richard Mackay
Wichita Falls, Tex.
 Address

OIL OR GAS WELL _____

COMPLETION DATA SHEET
 NO. 2
 FORMATION RECORD

Well No. 3084 Date 111 Str. No. _____

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Strata				0	670			
Bluff sand		hard		670	734	74		
Strata				744	954	210		
M.T. Coal				964	969	5		
Strata				969	1082	93		
Yga Coal				1082	1081	1		
Strata				1071	1400	309		1377' - 10"
Little Lumbard		hard		1460	1460	50		
Strata				1450	1564	114		
Big Dunders		hard		1564	1633	69		
Strata				1633	1841	208		
Gas Sand				1941	1877	36		
Strata				1877	1690	3		
1st Salt Sand		hard		1690	1924	44		
Strata				1924	1941	17		
2nd Salt Sand		hard	water	1941	2063	122		2013' - 8 1/2" WT.
Strata			water	2063	2205	222		200' - 6 3/4"
Little Blue		hard		2205	2311	26		
Pencil Cove				2311	2310	1		
Big Line		hard		2310	2322	66		2226' - 5 1/2"
Big Injan Sand		hard	Gas-2473	2322	2592	210		
State- Shells			Oil-2465	2592	2560	268		
Strata				2560	2525	65		
Grass Sand				2525	2550	25		
Strata				2550	3113	163		
Campbells Inn Sand				3113	3160	27		
Strata & Sands				3160	3315	178		
Stray Sand			Gas-3250	3315	3349	53		
Strata & Sands				3349	3526	160		
Bogard Sand			Gas-3230	3526	3335	7		
Strata				3335	3502	67	3402	

4-6-31

shot
 Well was not shot at 3530 - 15 quarts shot; well was shot at _____

shot
 Shut water at 2000 & 2007 - 2012 shot; shut water at _____

shot
 Well was shot at 2013

April 6, 1938
 Date

Approved *Richard Mackay*
 Name

