

40°37'30"

Latitude

Longitude

80°37'30"

	2.495
	.33w

Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company Bradford Supply Co

Farm Joseph Ward #11

15' Quad _____
(sec.)

7.5' Quad Webbville

District Grant

WELL LOCATION PLAT

County 029 Permit 30101

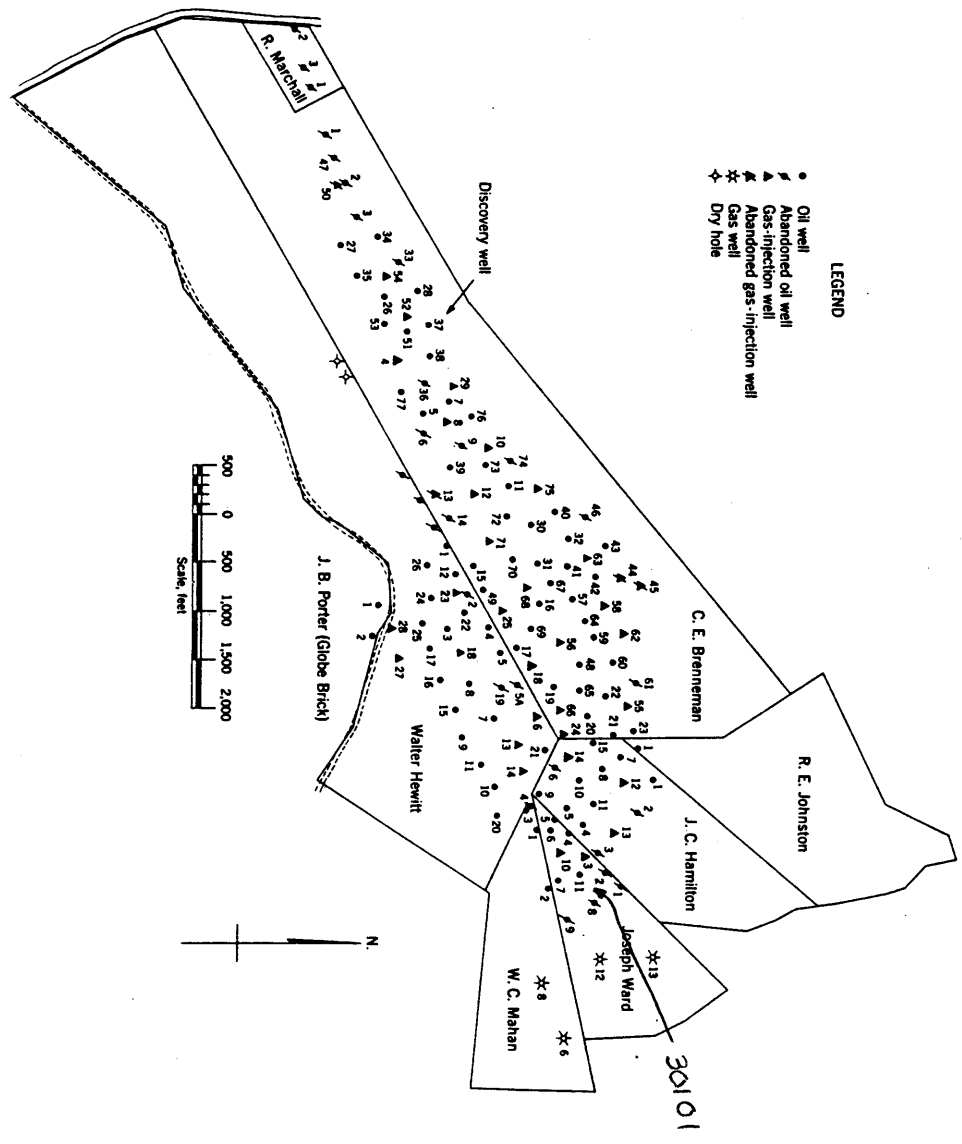


Figure 1. - Ownership map of Breneman field, Hancock County, W. Va., showing location and status of wells on December 31, 1948.

JOS. WARD ESTATE NO. 11 WELL.

Hancock 101A
See plot 4A

Grant District, Hancock County, W. Va.
By Bradford Supply Co., Bradford, Pa.
Abandoned under permit Han-----At
On 50 acres.

Elevation, 1221' L.

Date of completion, etc., not given.

6 1/2" casing, 830'.

Oil well. Record to Dept. of Mines stamped Jan. 16, 1952.

Record to RCT from Mrs. Griffith Jan. 16, 1952. Old File No. 62.

	Top.	Bottom.
Gray slate	0	95
Sand	200	220
Coal	250	254
Fire clay	254	260
Gray slate	260	385
Sand	385	420
Sandy shells	420	465
Slate	465	650
Salt Sand, hard	650	725
Slate	725	750
Big Injun Sand	750	820
Slate and shells	820	895
Stray sand, hard	895	945
Black slate	945	1043
Berea Sand	1043	1071' 4"
Total depth (including pocket of 41')		1112' 4"

Water at 420'. Able to carry water in drilling.

Pay sand, 1046' 4" to 1071' 4".

Shot 76 qts. nitro. 13' of 3-1/3" shells and 12' of 5" shells.

White sand, 1060 to 1069'.

41' of pocket made cleaning out. No tubing.

Producing sand is plugged.

(22)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

62

Permit No. HAN-101-A

WELL RECORD

Oil or Gas Well _____
(KIND)

Company Bradford Supply Company
 Address Bradford, Pa.
 Farm Jos. Ward Estate Acres 50
 Location (waters) _____
 Well No. 11 Elev. 1221
 District Grant County Hancock
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced _____
 Drilling completed _____
 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.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

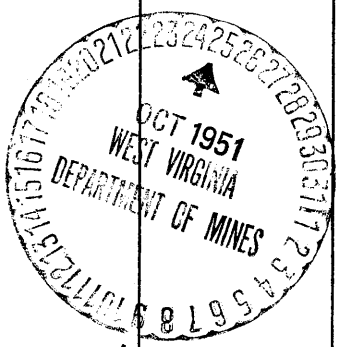
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4			
6 5/8	830'	830'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ 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 Found	Remarks
Grey Slate			0	95			
Sand			200	220			
Coal			250	254			
Fire Clay			254	260			
Grey Slate			260	385			
Sand			385	420			
Sandy Shells			420	465			
Slate			465	650			
Salt Sand		Hard	650	725			
Slate			725	750			
Injun Sand			750	820			
Slate & shells			820	895			
Stray Sand		Hard	895	945			
Black Slate			945	1043			
Berea Sand			1043	1071' 4"			

Water at 420'. Able to carry water in drilling
 Pay Sand 1046' 4" to 1071' 4". Shot 76 qts. Nitro. 13' of 3-1/3" shells and 12' 5" shells.
 White Sand 1060' and 1069'
 41' of pocket made cleaning out. No. tubing. Producing sand is plugged.



JAN 16 1952
(Over)