

40°37'30"

Latitude

90°37'30"

Longitude

2.55s
.44w

Topo Location

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

Company _____

Farm Joseph Ward #5

15' Quad _____
(sec.)

7.5' Quad Wellsville

District Grant

WELL LOCATION PLAT

County 029 Permit 30098

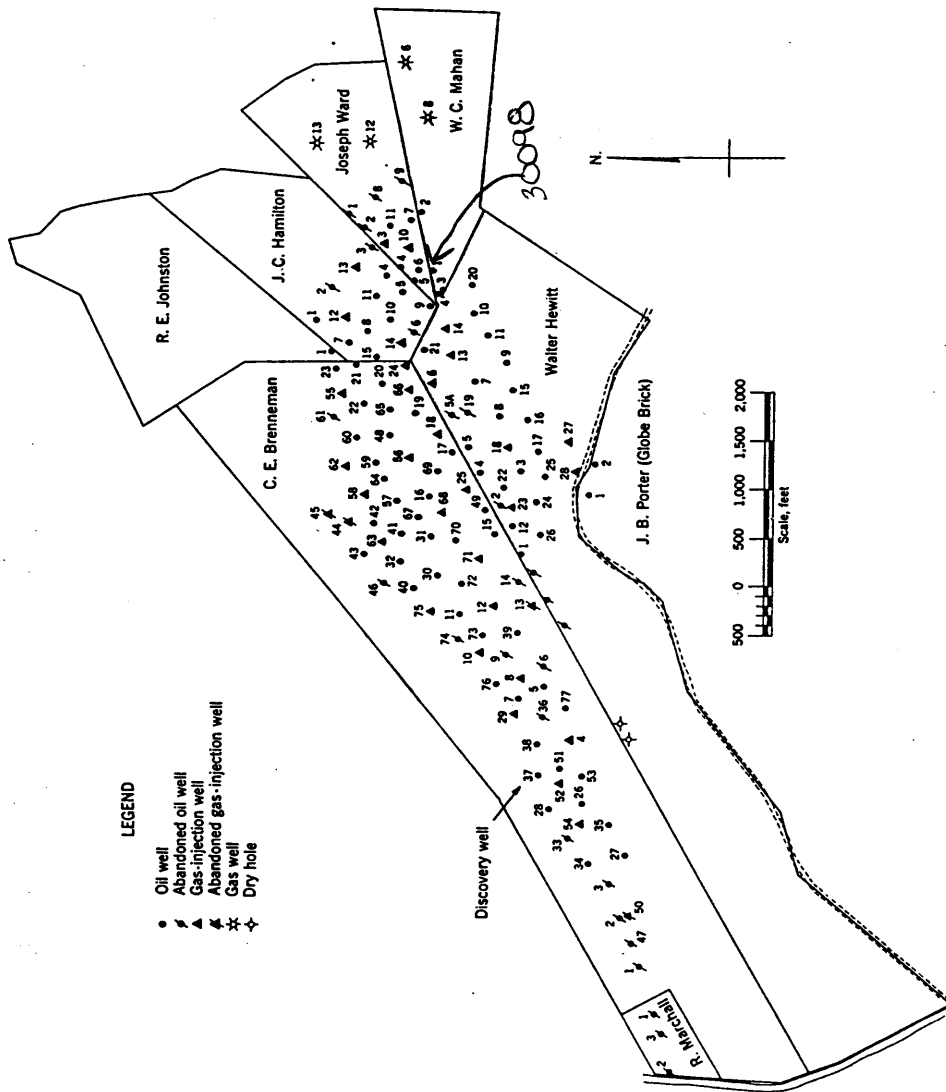


Figure 1. - Ownership map of Brenneman field, Hancock County, W. Va., showing location and status of wells on December 31, 1948.

JOS. WARD ESTATE NO. 5 WELL.

98A
see plot 4A

Grant District, Hancock County, W. Va.
By Bradford Supply Co., Bradford, Pa.
Abandoned under permit Han-----A?
On 50 acres.
Elevation, 1225' L.
Date of completion, etc., not given.
6 1/2" casing, approx. 830'.
Oil well. Record to Dept. of Mines stamped Oct. 25, 1951.
Record to RGT from Mrs. Griffith Jan. 16, 1952. Old file No. 59.

NO ACTUAL RECORD OF THIS WELL. USED RECORD OF WELL NO. 11 ON SAME FARM.
ONLY 4' DIFFERENCE IN ELEVATION.

	Top.	Bottom.
Gray slate	0	99
Sand	204	224
Coal	254	258
Fire clay	258	264
Gray slate	264	389
Sand	389	424
Sandy shells	424	469
Slate	469	654
Salt Sand, hard	654	729
Slate	729	754
Big Injun Sand	754	824
Slate and shells	824	899
Stray sand, hard	899	949
Black slate	949	1047
Berea Sand	1047	1075
Total depth, approximately		1075



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

59

WELL RECORD

Permit No. HAW-98-A

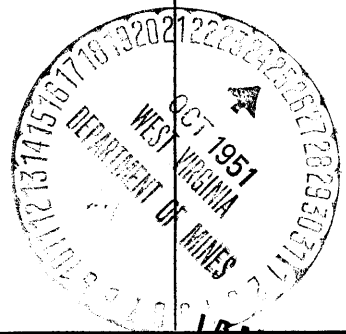
Oil or Gas Well _____
(KIND)

Company Bradford Supply Company
 Address Bradford, Pa.
 Farm Jos. Ward Estate Acres 50
 Location (waters) _____
 Well No. 5 Elev. 1225'
 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 1/4	<u>Approx.</u>	<u>830'</u>	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
NO ACTUAL RECORD OF THIS WELL. DIFFERENCE IN ELEVATION.			USED RECORD OF WELL NO. 11 ON SAME FARM. ONLY 1'				
Grey Slate			0	99			
Sand			20 1/4	22 1/4			
Coal			25 1/4	25 8			
Fire Clay			25 8	26 1/4			
Grey Slate			26 1/4	38 9			
Sand			38 9	42 1/4			
Sandy Shells			42 1/4	46 9			
Slate			46 9	65 1/4			
Salt Sand		Hard	65 1/4	72 9			
Slate			72 9	75 1/4			
Injun Sand			75 1/4	82 1/4			
Slate & shells			82 1/4	89 9			
Stray Sand		Hard	89 9	94 9			
Black Slate			94 9	104 7			
Berea Sand			104 7	107 5			
Total Depth, approximately						1075'	



JAN 16 1952