





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

JOS. WARD ESTATE NO. 4 WELL.

4A  
Scepter 4A

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

Elevation, 1220' 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 RCF from Mrs. Griffith Jan. 16, 1952. Old File No. 58.

NO ACTUAL RECORD OF THIS WELL. USED RECORD OF WELL NO. 11.  
ONLY 1' DIFFERENCE IN ELEVATION.

	Top.	Bottom.
Gray slate	0	94
Sand	199	219
Coal	249	253
Fire clay	253	259
Gray slate	259	384
Sand	384	419
Sandy shells	419	464
Slate	464	649
Salt Sand, hard	649	724
Slate	724	749
Big Injun Sand	749	819
Slate and shells	819	894
Stray sand, hard	894	944
Black slate	944	1042
Berea Sand	1042	1070
Total depth		1070



58

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. HAN-97-A

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Bradford Supply Company  
Address Bradford, Pa.  
Farm Jos. Ward Estate Acres 50  
Location (waters) \_\_\_\_\_  
Well No. 4 Elev. 1220  
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			
18			
10			Size of
8 1/4			
6 1/2 - 1/4" A prot.		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
NO ACTUAL RECORD OF THIS WELL. USED RECORD OF WELL NO. 11. ONLY 1' difference in Elev.							
Grey Slate			0	94			
Sand			199	219			
Coal			249	253			
Fire Clay			253	259			
Grey Slate			259	384			
Sand			384	419			
Sandy Shells			419	464			
Slate			464	659 649			
Salt Sand		hard	649	724			
Slate			724	749			
Injun Sand			749	819			
Slate & Shells			819	894			
Stray Sand		hard	894	944			
Black Slate			944	1042			
Berea Sand			1042	1070			
Total Depth				1070			



JAN 16 1952