



Company Evaluation and Sales Service
 Address Mount Pleasant, Michigan.
 Farm Jos. Estel
 Tract _____ Acres 128 3/4 Lease No. _____
 Well (Farm) No. 8 and 10 Serial No. _____
 Elevation (Spirit Level) See above at wells
 Quadrangle MANNINGTON
 County Monongalia District Battelle
 Engineer E.C. Tabler
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date June 26th 1948 Scale 1" = 400 Feet.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. MON-421-A-#8
MON-422-A-#10

+ Denotes location of well on United States 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.

JOSEPH ESTEL NO. 10 WELL.

Battelle District, Monongalia County, W. Va.

By C. W. Collin, Box 30, Mt. Pleasant, Mich.

Abandoned under permit Mon-.....-A?

On 128 $\frac{3}{4}$ acres, on Range Run.

Elevation, 1287.09' (ground); 1289.09' L. (D. F.)

Surface owned by W. J. Estel, R. F. D. No. 6, Waynesburg, Pa.

Drilling completed Oct. 2, 1912.

Shot Apr. 16, 1913, with 10 qts., at 3356' (top); May 19, 1920, with 15 qts. (3356'--top); June 22, 1920, with 20 qts., 3356' (top).

Oil, 120 bbls., 1st 24 hrs.

10" casing, 272' 4"; 8 $\frac{1}{4}$ ", 1626' 8" (1126' 8" ? left in); 6 $\frac{5}{8}$ ", 2345'; 5 $\frac{3}{8}$ ", 2715'; 4x4 $\frac{1}{2}$ " liner, 221'.

Coal was encountered at 735-742, 1005-1010, and 1100-1110'.

No record of packer.

Oil well. Record to Dept. of Mines stamped Aug. 18, 1948.

Record to RCT from Mrs. Griffith Jan. 5, 1949. Old File No. 447.

	Top.	Bottom.
Bluff Sand	690	- 735
Fairview (Waynesburg) Coal	735	- 742
Mapletown (Sewickley) Coal	1005	- 1010
Pittsburgh Coal	1100	- 1110
Murphy Sand	1208	- 1290
Little Dunkard Sand	1420	- 1450
Big Dunkard Sand	1607	- 1632
Gas Sand	1750	- 1835
Salt Sand	2007	- 2095
Big Lime	2317	- 2395
Big Injun Sand (water, 2485')	2395	- 2550
Squaw Sand	2570	- 2595
Fifty-foot Sand	3008	- 3053
Campbell Run Sand	3257	- 3303
Gordon Sand (gas, 3328')	3327	- 3336
Fourth Sand (oil and gas, 3357')	3355	-
Total depth		3372



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

447

WELL RECORD

Permit No. H 422-A

Oil or Gas Well Oil
(KIND)

Company C. W. Collin
Address Box 30- Mt. Pleasant, Mich.
Farm Joseph Estel Acres 128 3/4
Location (waters) Range 40th F -1289.09
Well No. 10 Ele G-1287.09
District Battelle County Monongalia
The surface of tract is owned in fee by W. J. Estel
R F D #6 Address Waynesburg, Pa.
Mineral rights are owned by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			No Record
13			Size of
10	272' 4"	272' 4"	Depth set
8 3/4	1626' 8"	1126' 8"	Perf. top
6 5/8	2345'	2345'	Perf. bottom
5 3/16	2715'	2715'	Perf. top
3			Perf. bottom
2			
Liners Used			
4" x 4 1/2"	221'		

Drilling commenced No Record
Drilling completed 10/2/1912
Date Shot See below From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure No Record lbs. _____ hrs.
Oil 120 bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 735 FEET 84 INCHES
1005 FEET 60 INCHES 1100 FEET 120 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Bluff Sand			690	735			
Fairview Coal			735	742			
Mapletown Coal			1005	1010			
Pittsburgh Coal			1100	1110			
Murphy Sand			1208	1290			
Little Dunkard			1420	1450			
Big Dunkard			1607	1632			
Gas Sand			1750	1835			
Salt Sand			2007	2095			
Big Lime			2317	2395			
Big Injun			2395	2550			
Squaw Sand			2570	2595	Water	2485	
Fifty Foot			3008	3053			
Campbells Sand			3257	3303			
Gordon Sand			3327	3336	Gas	3328	
Fourth Sand			3355		Oil & Gas	3357	
Total Depth				3372			

TORPEDO RECORD

Date Shot	Qts.	Top
Apr. 16, 1913	10	3356
May 19, 1920	15	"
June 22, 1920	20	"

