



Company Evaluation and Sales Service
 Address Mount Pleasant, Michigan
 Farm Jos. Estel
 Tract _____ Acres 128 3/4 Lease No. C
 Well (Farm) No. 8 and 10 Serial No. _____
 Elevation (Spirit Level) See above at wells
 Quadrangle MANNINGTON
 County Monongalia District Battelle
 Engineer F.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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

463

WELL RECORD

Permit No. 463

Oil or Gas Well Oil
(KIND)

Company G. W. Collin
Address Box 30-Mt. Pleasant, Mich.
Farm Joseph Estel Acres 128 3/4
Location (waters) Range Fork F-1284.31
Well No. 8 Elev. G-1281.31
District Battelle County Monongalia
The surface of tract is owned in fee by W. J. Estel
RFD #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	<u>297'4"</u>	<u>Full</u>	Depth set
8 1/2	<u>1537'10"</u>	<u>Full</u>	
6 1/2	<u>2165</u>	<u>2165</u>	
5 3/16	<u>2535</u>	<u>2535</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
<u>4" x 4 1/2"</u>	<u>210</u>		Perf. bottom

Drilling commenced No Record
Drilling completed Mar. 3, 1909
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 No Record bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 2025 feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 1000 FEET ? INCHES
1100 FEET 96 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Conductor				<u>16</u>			
Mapletown Coal			<u>1000</u>	<u>1100</u>			
Pittsburgh Coal			<u>1100</u>	<u>1108</u>			
Murphy Sand			<u>1208</u>				
Big Dunkard			<u>1612</u>	<u>1640</u>			
Gas Sand			<u>1755</u>	<u>1840</u>			
Salt Sand			<u>1906</u>	<u>2096</u>			
Pencil Cave			<u>2317</u>	<u>2322</u>	<u>Water</u>	<u>2025</u>	
Big Lime			<u>2322</u>	<u>2382</u>			
Big Injun			<u>2382</u>	<u>2572</u>			
Fifty Foot Sand			<u>3004</u>	<u>3081</u>			
Campbells Run Sand			<u>3248</u>	<u>3296</u>	<u>Gas</u>	<u>3026</u>	
Gordon Sand			<u>3310</u>	<u>3335</u>	<u>Oil</u>	<u>3258</u>	
Fourth Sand			<u>3347</u>		<u>Gas</u>	<u>3325</u>	
					<u>Oil</u>	<u>3350</u>	
Total Depth				<u>3373</u>			
TORREDO RECORD							
		Date	Sta.	Top			
		Sept. 5, 1909	10	3350			
		May 24, 1913	15	3349			
		July 3, 1918	20	3352			

Battelle District, Monongalia County, W. Va.
 By C. W. Collin, Box 30, Mt. Pleasant, Mich.
 Abandoned under permit Non-.....-47
 On 128² acres, on Range Fork.
 Elevation, 1262.31' (ground); 1264.31' (D. F.)
 Surface owned by W. J. Estel, R. F. D. No. 5, Waynesburg, Pa.
 Drilling completed Mar. 3, 1909.
 Shot Sept. 3, 1909, with 10 qts., 335' top; May 24, 1913, with 15 qts.,
 330' top; July 3, 1918, with 20 qts., 332' top.
 Salt water, 2025'.
 10" casing, 297' 4" (pulled); 8", 1587' 10" (pulled); 6", 2165';
 2535'; 1 1/2" liner, 210'.
 Coal was encountered at 1000 and 1100-1108'.
 Packer, no record.
 Oil well. Record to Dept. of Mines stamped Aug. 18, 1918.
 Record to RPT from Mrs. Griffith Jan. 22, 1919. Old File No. 163.

	Top.	Bottom.
Conductor	0	16
Mapletown Coal	1000
Pittsburgh Coal	1100	1108
Murphy Sand	1208
Big Dickard Sand	1612	1640
Gas Sand	1755	1840
Salt Sand (water, 2025')	1986	2096
Fencil Cove	2317	2322
Big Line	2322	2362
Big Injun Sand	2362	2572
Fifty-foot Sand (gas, 3026')	3004	3081
Campbell Run Sand (oil, 3258')	3248	3296
Cordier Sand (gas, 3325')	3310	3335
Fourth Sand (oil, 3350')	3347
Total depth		3373