

Latitude 39° 45'

Longitude 80° 20'

N 40° 30' E
2920.5

S 56° 15' E
2798.1

FRED SANTEE
28.95A.

J.W. SANTEE (Lease)
171 Acres

FRED Hixenbaugh (Surt.)

5.27S
4.21W

FE
Hundred

Little Rush Run

Proposed Location
No. 17

S 34° W
742.0

N 63° 30' W
676.6

S 46° 30' W
308.5

N 57° 30' E
375.5

N 16° 45' W
792.0

N 75° 30' W
792.0

S 28° 30' W
950.3

John Maple

L.S. Leezer

- New Location...
- Drill Deeper.....
- Abandonment.....

Coal not being Operated

Company BARRON KIDD
 Address Box 186, Sistersville, W. Va.
 Farm J.W. SANTEE
 Tract _____ Acres 171 Lease No. _____
 Well (Farm) No. 17 Serial No. _____
 Elevation (Spirit Level) 1171.4
 Quadrangle Mannington N.C.
 County Wetzel District Church
 Engineer Ron Keras
 Engineer's Registration No. 3320
 File No. _____ Drawing No. _____
 Date Sep. 9, 1960 Scale 1" = 330'

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

WELL LOCATION MAP
FILE NO. WET-485

+ 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.

6-6 @ (053)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Mannington

Permit No. WET-485

WELL RECORD

Oil or Gas Well oil
(KIND)

Company Barron Kidd
Address Box 186, Sistersville, W. Va.
Farm Santee Heirs Acres 171
Location (waters) Fish Creek
Well No. 17 Elev. 1171.4
District Church County Wetzel
The surface of tract is owned in fee by Fred Hixenbaugh
Address R.2, Burton, W. Va.
Mineral rights are owned by Minnie Santee, Glover Gap, W. Va. & Mrs. Carl Phillips, Harrisville, W. Va.
Address _____
Drilling commenced November 7, 1960
Drilling completed December 10, 1960
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 18 bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED with 300 bbls. - 6000# sand

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	104' 4"	104' 4"	Size of
8 1/4	1079' 1"	1079' 1"	
6 1/2	1590' 10"	None	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
4 1/2" OD	2125'	2125'	Perf. bottom

CASING CEMENTED 4 1/2 SIZE 2125 No. Ft. 12-10-60 Date
Cemented with 40 bags

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
734' FEET 737' INCHES FEET INCHES
970' FEET 977' INCHES FEET INCHES

RESULT AFTER TREATMENT 35 bbls.

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	16			
Slate			16	30			
Sand			30	38			
Lime			38	60			
Slate			60	100			
Lime			100	115			
Red Rock			115	118			
Lime			118	135			
Slate			135	145			
Red Rock			145	150			
Slate & Shell			150	200			
Lime			200	225			
Slate			225	335			
Lime			335	350			
Red Rock			350	355			
Lime			355	380			
Red Rock			380	388			
Slate & Lime			388	428			
Red Rock			428	433			
Lime			433	440			
Slate			440	446			
Lime			446	480			
Slate & Coal			480	490			
Lime			490	500			
Slate			500	534			
Lime & Slate			534	694			
Bluff Sand			694	734			
Coal			734	737			
Slate			737	757			

(over)

Formation	Color	Hard or Soft	Top 25	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			757	764			
Sand			764	785			
Slate			785	795			
Lime			795	874			
Mapletown			874	878			
Lime			878	888			
Slate			888	900			
Lime			900	935			
Slate			935	944			
Lime			944	955			
Slate			955	970			
Pittsburgh Coal			970	977			
Slate			977	987			
Lime & Slate			987	1039			
Red Rock			1039	1042			
Lime			1042	1052			
Slate & Shells			1052	1095			
Red Rock			1095	1100			
Lime			1100	1110			
Red Rock			1110	1115			
Lime			1115	1120			
Red Rock			1120	1125			
Lime			1125	1130			
Red Rock			1130	1155			
Lime			1155	1160			
Red Rock			1160	1165			
Lime			1165	1190			
Slate	White	S	1190	1221			
Lime			1221	1245			
Red Rock			1245	1285			
Lime			1285	1300			
Slate	Black		1300	1350			
Red Rock			1350	1355			
Slate & Shells			1355	1365			
Sand, Little Dunkard			1365	1413			
Slate	Black		1413	1435			
Lime			1435	1450			
Sand			1450	1545	Show oil	2132	
Slate			1545	1592			
Sand			1592	1735		2150	
Slate & Shells			1735	1790			Wash hole & test 1 hr
Sand			1790	1885			1 bailer oil
Slate			1885	1925			est. 30 gal.
Sand			1925	2040			
Red Rock			2040	2103		2160	Test 1 hr
Maxton Sand			2103	2179			1/2 bbl oil
Shale & Lime			2179	2190			
Total Depth				2190			

Date January 23, 1961

APPROVED Barron Kidd, Owner
 By [Signature] District Superintendent