

Surface = Fred Santee
Hundred, W.Va.
Coal = Wheeling Dollar Savings & Trust Co.
Wheeling, W.Va.

New Location
Drill Deeper
Abandonment

Company Barron Kidd
 Address P.O. Box 186, Sistersville W.Va.
 Farm Fred Santee
 Tract 1 Acres 28.45 Lease No. _____
 Well (Farm) No. 16 Serial No. _____
 Elevation (Spirit Level) 1269
 Quadrangle Mannington N@
 County Netzel District Church
 Engineer A.L. Headley
 Engineer's Registration No. 2021
 File No. _____ Drawing No. _____
 Date 5-20-1960 Scale 1" = 660 FT

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

WELL LOCATION MAP
FILE NO. WET-479

+ 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 4053



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 14

Quadrangle Mannington

Permit No. WV - 179

Oil or Gas Well Oil
(KIND)

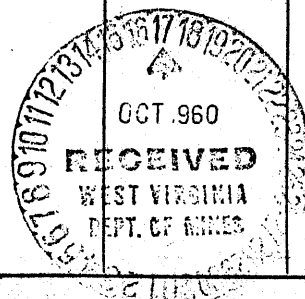
WELL RECORD

Company Barron Kidd
Address Box 186, Sistersville, W. Va.
Farm Fred Santee Acres 28.45
Location (waters) Little Bush Run
Well No. 16 Elev. 1269
District Church County Wayne
The surface of tract is owned in fee by Fred Santee
Address _____
Mineral rights are owned by Charles Santee Weins
Address R.D. 1, Burton, W. Va.
Drilling commenced June 6, 1960
Drilling completed July 8, 1960
Date Shot 8/25/1960 From 2208 To 2238
With 45 lbs. Tamp Shot.
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure Fillup 1200' lbs. in _____ 24 hrs.
Oil 30 bbls., 1st 24 hrs.
Fresh water 190 feet 1045 feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10	255'	255'	Size of
8 1/2	1547'	1547'	Depth set
6 1/2			
5 1/2	2000'	2000'	Perf. top
8			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED 4 1/2" SIZE 350 No. Ft. 7/5/60 Date
85 sq. Cement by Halliburton
COAL WAS ENCOUNTERED AT 952 FEET 48 INCHES
1043 FEET 84 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay		soft	0	13			
Slate & Shells			13	215	Water	190'	1 - 13" bailer per hour
Red Rock			215	220			
Slate & Shells			220	332			
Line			332	355			
Slate & Shells			355	430			
Red Rock			430	436			
Slate & Shells			436	500			
Red Rock			500	505			
Slate & Shells			505	515			
Red Rock			515	520			
Slate & Shells			520	665			
Sand			665	709			
Slate			709	723			
Line			723	765			
Sand			765	785			
Line & Shells			785	952			
Littleton Coal			952	956			
Line & Shells			956	1043	Water	1043'	in coal
Fittsburgh Coal			1043	1050			
Slate & Shells			1050	1204			
Red Rock, cave			1204	1220			
Slate & Shells			1220	1278			
Red Rock			1278	1288			
Slate & Shells			1288	1325			
Red Rock, cave			1325	1340			
Line			1340	1370			
Red Rock, cave			1370	1390			
Slate & Shells, cave			1390	1450			
Little Bunkard			1450	1494			
Clay			1494	1525			
Big Bunkard			1525	1560			
Line			1560	1590			
Slate			1590	1604			
Slate & Shells			1604	1653			
Gritty Line			1653	1665			
Sandstone			1665	1790			
Slate & Shells			1790	1890			



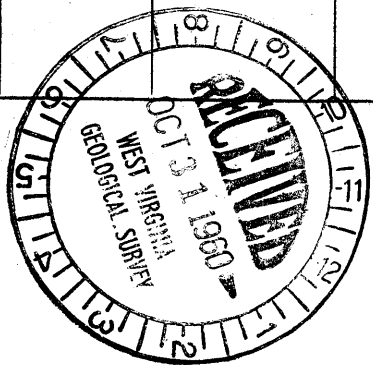
(Over)

Formation	Color	Hard or Soft	Top ²⁴	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1850	1925			
Slate & Shells			1925	1990			
Sand			1990	2047			
Slate			2047	2070			
Red Rock			2070	2152			
Sand			2152	2164			
Sand & Shale			2164	2192			
Sand			2192	2248	Show Oil	2202	2227' Tested 1/2 Bbl./hr.
Shale			2248	2252			
Total Depth				2252			

4" pipe in 8" hole by using Cementrol packer.
 Attempted fracture by Halliburton, 7/12/60, would not break @ 4000#.
 Cone-shot by Birdwell and refractured July 23, 1960.
 Broke @ 2700#, Treated @ 3350# @ 6.2 Bbl./min.
 Finish flush @ 3000#.
 Production after fracture = 8 E.O.P.D.

Shot by Sureshot Torpedo Co., 8/28/1960.

2248
 1259
 77



Date October 12, 1960

APPROVED _____, Owner

By Ron Kenna, Engr.
 (Title)