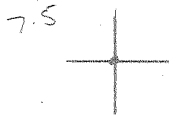


LATITUDE (75,15) 38° 25'

(75,15) 81° 30'
(75,15) 81° 32' 30"

LONGITUDE



7.5 OGIS topo location

7.5' loc	<u>1.33 E</u>	15' loc	<u>1.33</u>
	<u>.26 W</u>	(calc.)	<u>2.52</u>

Company Benedum-Trees Oil

Farm Wingfield Heirs 2

Quad Big Chimney 7.5 / Charleston 15' (6)

County Kanawha

District FK

WELL LOCATION MAP

File No. 039-216

Kanawha

Oil & Gas

DEEP

6-6 215

Elk District, Kanawha County, W. Va.
 By Benedum-Trees Oil Co., 1511 Benedum-Trees Bldg., Pittsburgh, Pa.
 Elevation, ground, 845.19'; derrick floor, 849.89'.
 Rig commenced March 10, 1936; Parkersburg steel rig.
 Drilling commenced March 28, 1936; completed, Sept. 1, 1936.
 Contractor: Wm. Miskimins, Elkview, W. Va.
 Drillers: George Miskimins, Park Miskimins, and William Miskimins, Jr.
 16" casing, 28'; 12 $\frac{1}{2}$ " O. D., 258'; 10", 1104' (10" pipe was pulled out and hole reamed to 1521' a/c water, but could not land pipe, so run 8"); 8 $\frac{3}{8}$ " O. D., 1521'; 7" O. D., 24 $\frac{1}{2}$ ", 4900' (84' cemented); 2" 4 $\frac{1}{2}$ " tubing, 5047' (tubing, 5035'; packers, 12').
 Criskany Sand, 4983-4993', 1,800,000 cu. ft. gas, 4987-4990'.
 White sand, 5014-5042', about 4 bbls. oil per day at 5018-5020'; small amount of gas at 5028'.
 1 bailer water per hour at 235'.
 10 bailers water per hour at 900'.
 Hole full of water at 950'.
 Small amount of water in Big Injun Sand.
 Show of gas at 796'.
 Show of oil at 845'.
 100,000 cu. ft. gas at 1600'; blew out in 2 hrs.
 50,000 cu. ft. gas at 1628'; blew out in 2 hrs.
 25,000 cu. ft. of gas in Weir Sand. 1945 ft (Vol XVI, Deep Wells 1944, p. 215)
 Well shot with 50 qts. glycerine, 4983-4999'.
 Well shot with 60 qts. glycerine, 5020-5042'.
 21 ft. of anchor between shells. Tamped with 25 ft. of stone and 125 ft. of gravel. 24-hr. time bomb used to put off shot.
 Steel-line measurements when drilling at 4900, 4987, 5018, 5028, and 5047'.
 Steel-line measurements when shooting at 5042, 5020, 4999, 4983, and 4970'.
 Tubing set at 5047' with 31 ft. of perforated pipe under 1 - 2" x 6 $\frac{5}{8}$ " x 16" Oilwell bottom-set combination wall and anchor packer. Conical sleeve. Top to run in a 7" O.D. 24 $\frac{1}{2}$ " Seamless casing. Copper rivets and 1 - 2" x 6 $\frac{5}{8}$ " x 16" Ditto, with regular Gas Anchor top, steel rivets.
 Well gauged 30/10 W. in 4" when shut in Oct. 3, 1936; 1,043,000 cu. ft., with 24-hr. rock pressure of 655 lbs.
 Tubing has oil separated from upper gas pay, and showed a rock pressure of 300 lbs. in 24 hrs., with volume of about 10,000 cu. ft.
 Gas well. Record to RCT from A. M. Huernberg, of Benedum-Trees Oil Co. April 1, 1943.

(1.48 mi. S 38° 25' W 2.53 mi. W. of Long - 87° 30' E Charleston Sound -

	Top.	Bottom.
Clay	0	50
Gray shale	50	87
Sand and shells	87	125
Lime	125	140
Brown shale and shells	140	170
White shale and shells	170	200
Coal	200	205
Shale	205	215
White sand	215	253
Dark shale	253	258
Lime	258	265
Shale and shells	265	320
Slate	320	355
Coal	355	360
Sand	360	445
Slate	445	490

Remit - 76 -

1.48 S 38° 25'
 2.53 W 37° 30'

6-6

215

(OVER)

DEEP

WINGFIELD BEIRS NO. 2 WELL (Continued).

	Top.	Bottom.
Lime	490	525
Sand	525	565
Shale	565	725
Sand, white, hard	725	740
Shale	740	780
Sand	780	1145
Coal and black shale	1145	1150
Marion Sand	1150	1375
Shale	1375	1400
Sandy lime	1400	1411
Lime	1411	1443
Sand	1443	1469
Lime	1469	1500
Shale break	1500	1505
Lime	1505	1521
Lime	1521	1635
Keener Sand	1635	1675
Shale	1675	1690
White sand	1690	1725
Shale and shells	1725	1945
Weir Sand	1945	1967
Dark shale	1967	2060
Light shale	2060	2120
Black shale	2120	2126
Hard shell, Berea	2126	2128
Light shale and shells	2128	2150
Lime	2150	2165
White shale and shells	2165	2302
Lime	2302	2305
White shale and shells	2305	3325
Brown shale	3325	3360
Shale and shells	3360	3810
Brown shale	3810	3880
Brown shale and shells	3880	3960
Lime	3960	3975
Slate and white shells	3975	4623
Brown shale	4623	4785
White shale	4785	4828
Black shale	4828	4856
Lime shell	4856	4857
Black shale	4857	4887
Corniferous Lime	4887	4983
Oriskany Sand (gas; see heading)	4983	4993
White chert?	4993	5000
Black lime	5000	5008
Sandy lime	5008	5014
White sand	5014	5042
Sandy lime	5042	5047
Total depth		5047