

AUG 25 1955

SADIE MAHAN No. W-2 Well.

By Panuco Oil Leases, Inc., P. O. Box 977, Parkersburg, W. Va.
Grant District, Hancock County, W. Va.

Wellsville Quadrangle - S. C.

Permit Han-71.

Elevation 933.6' L.

Drilling commenced July 7, 1954; completed Sept. 25, 1954.

Coal encountered at 140'; 210'; 219'; 429'; 454'.

Water Input Well.

Section based on samples from 390' to 900'; examined by Russell R. Flowers.

Top	Bottom	Thickness	
PENNSYLVANIAN GROUPS, 267, Plus, FEET.			
390	410	20	Shale, dark gray, micaceous, contains carbonaceous specks, silty; some medium to medium dark gray, very fine grained sandstone in the upper part
410	420	10	Siltstone, dark greenish gray, some light to medium gray, sideritic; fire clay, light to medium gray, some dark gray; some dark gray to grayish black shale; a very small amount of pyrite
420	430	10	Shale to siltstone, medium to medium dark gray, some dark gray, soft; some light to medium gray fire-clay; small amount of grayish black shale
430	445	10	Some black shale, highly carbonaceous with streaks of coal; siltstone to shale, medium to medium dark gray, some greenish gray, sideritic in part
445	450	10	Fire-clay, dark gray to brownish gray and dark yellowish brown (sideritic); siltstone to shale, medium to dark gray; small amount of grayish black to black, carbonaceous shale
450	460	10	Shale to siltstone, medium dark to dark gray, micaceous, some dark yellowish brown (sideritic); small amount of dark gray to grayish black shale; trace of coal
460	470	10	No sample
470	480	10	Shale, grayish black to black, carbonaceous; a very small amount of coal; shale to siltstone, medium dark to dark gray, some medium dark gray to dark yellowish brown (sideritic)
480	490	10	Sandstone, white to very light gray, fine grained; siltstone to shale, dark gray to grayish black; some grayish black to black shale
490	500	10	Shale, dark gray to medium dark gray, some grayish black, silty; some medium to medium to medium dark gray and dark yellowish brown (sideritic) fire-clay; small amount of white to brownish gray (sideritic), fine grained sandstone
500	520	20	Shale, dark gray to grayish black in the upper part, grayish black to black and carbonaceous in the lower part; fire-clay, light olive gray to medium gray, in the lower part, some dark gray in the upper part; contains siderite spherulites, sandy and silty; some medium gray sandstone in the lower part

520	540	20	Shale, medium dark to dark gray, small amount of grayish black (carbonaceous), silty; small amount of dusky yellowish brown siderite; some light to dark gray fire-clay
540	560	20	Shale, dark gray, some grayish black, very silty; small amount of dark to dusky yellowish brown, shaly siderite; some medium to medium dark gray siltstone in the lower part
560	600	40	Shale, grayish black, silty, some dark gray (very silty)
600	605	5	Shale, dark gray, silty in part. some dark to dusky yellowish brown (highly sideritic); some medium dark to dark gray siltstone
605	625	20	Shale to fire-clay, dark gray, some light olive gray, contains carbonaceous streak, sideritic in part
625	657	12 32	Sandstone, very light gray, fine to medium grained, subrounded to rounded with many secondary crystal facets, contains some very coarse quartz grains to granules; contains some limestone and siderite nodules

POCONO FORMATION, 243, plus, FEET

657	670	13	Siltstone, medium dark gray to dark gray, a large amount of dark to dusky yellowish brown (sideritic) to in siderite; a large amount of dark gray shale in the upper part
670	680	10	Siltstone, medium to medium dark gray, coarse; a large amount of dark yellowish brown, shaly siderite, some in the upper part
680	695	15	Siltstone, medium to medium dark gray; some dark gray shale; some dark yellowish brown, shaly siderite in the upper and middle part
695	700	5	Siltstone, medium dark to medium gray; small amount of dark gray shale
700	710	10	Siltstone, medium to medium dark gray with dark gray shaly streaks
710	780	70	Siltstone, medium dark to dark gray, shaly
730	855	75	Siltstone, medium to medium dark gray, some dark gray (shaly)
855	885	30	Shale, dark gray; some medium dark to dark gray siltstone in the upper part

BEREA SANDSTONE, 15, plus, FEET

885	890	5	Siltstone (coarse) to sandstone (very fine grained), very light gray to light olive gray, somewhat kaolinitic
890	900	10	Sandstone (very fine grained) to siltstone (coarse), very light gray, some fine grained with streaks of porous fine grained sandstone (rounded)