

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Tyl 141
New Martinsville Quad.
Company
Address
Farm
Location
Well No.
District
Surface
Mineral
Commenced
Completed
Not shot
Volume
Rock Pressure
Oil

Gas Well
CASING & TUBING

South Penn Natural Gas Company
Union Trust Bldg. Parkersburg, W. Va.
Joseph Williams Acres 136 10 351 351
8 1/2 1130 1130
6 5/8 1810 1810
7 Elev. 950.47
Ellsworth Tyler County
Isaac J. Ramsier, Spencer, Ohio
John W. Kerns, Bridgeport, W. Va.
July 5, 1944
Aug. 7, 1944
275,130 C.F.
325 lbs. 15 hrs.
See remarks

Clay	50	50	Sand L.D.	1055	1082
Slate	50	60	Slate	1082	1115
Lime	60	70	Lime	1115	1130
Slate	70	100	Big Dunkard	1130	1168
Sand	100	110	Shale & Shells	1168	1280
Slate	110	130	Sand	1280	1300
Red Rock	130	150	Slate	1300	1330
Slate	150	220	Sand	1330	1382
Lime	220	230	Slate	1382	1389
Red Rock	230	250	Sand	1389	1425
Sand	250	270	Slate	1425	1430
Red Rock	270	290	Sand	1430	1512
Slate	290	354	Slate	1512	1517
Red Rock	354	376	Sand	1517	1555
Slate	376	380	Slate	1555	1633
Coal	380	383	Sand	1633	1671
Slate	383	400	Slate	1671	1734
Red Rock	400	431	Lime	1734	1750
Slate	431	444	Slate	1750	1786
Red Rock	444	460	Big Lime	1786	1865
Lime	460	486	Keener	1865	1876
Slate	486	512	Oil show - very light	1869 1/2	1874
Sandy Lime	512	550	Injun	1876	1924
Slate	550	553	TOTAL DEPTH		1924
Lime	553	565	Gas 1920 1/2 - 1924 - 275,130 C.F.		
Sand	565	575			
Lime	575	585	Remarks: Min. test - 1 Min 10# ; 2 min.		
Red Rock	585	595	15#; 3 Min 20#; 4 Min 25#; 5 Min 35#;		
Slate	595	600	6 Min 40#; 7 Min 50#; 8 Min 55#; 9 Min 60#;		
Lime	600	610	60#; 10 Min 70#; 15 Min 100#; 60 Min.		
Slate	610	612	275#.		
Lime	612	622	Rock Pressure 15 hrs. 325 #		
Coal	622	624			
Lime	624	650			
Slate	650	670			
Lime	670	675			
Slate	675	695			
Sand	695	727			
Red Rock	727	733			
Lime	733	739			
Red Rock	739	746			
Lime	746	760			
Red Rock	760	785			
Slate	785	797			
Red Rock	797	830			
Slate	830	837			
Red Rock	837	880			
Slate	880	958			
Red Rock	958	974			
Shells	974	980			
Pink Rock	980	1000			
Slate	1000	1008			
Lime shells	1008	1020			
Slate	1020	1055			

JOSEPH WILLIAMS NO. 7 WELL.

Ellsworth District, Tyler County, W. Va.

By South Penn Natural Gas Co., Parkersburg, W. Va.

Located 4.43 mi. S. of 39° 35' and 1.14 mi. W. of 80° 50' - SC - New Martinsville
Quadrangle.

Elevation, 950.47' L. (ground).

Permit Tyl-141.

Drilled in 1944.

Section based on samples from 1524 to 1786' and 1810 to 1924', examined by J. H. C.
Martens.

Record to RCT from Martens March 24, 1945.

Top. Bottom. Thickness.

Top.	Bottom.	Thickness.	
POTTSVILLE FORMATION, 212 FEET			
1524	1556	32	Sandstone, white to light-gray, medium-grained
1556	1558	2	Shale, black, silty
1558	1568	10	Siltstone and silty shale, gray
1568	1584	16	Shale, dark-gray, silty
1584	1616	32	Shale, dark-gray, silty, with siderite concretions
1616	1632	16	Siltstone, gray, shaly
1632	1670	38	Sandstone, very light gray to brownish, medium-grained
1670	1673	3	Shale, black, silty
1673	1681	8	Shale, light-brown, with siderite spherulites
1681	1727	46	Shale, black, very silty
1727	1736	9	Shale, light-brown, silty, micaceous, containing siderite, 70%; dark-gray to black, silty shale, 30%
MAUCH CHUNK GROUP, 33 FEET			
1736	1752	16	Limestone, brown ("Little Lime")
1752	1769	17	Shale, gray and green, soft, thinly laminated, 70%; brown limestone, 30" ("Pencil Cave")
GREENBRIER LIMESTONE, 130 FEET			
1769	1786	17	Limestone, light-brown, with some gray and green shale cavings
1786	1810	24	No samples
1810	1840	30	Limestone, light-brown
1840	1855	15	Limestone, brown
1855	1863	8	Limestone, very light brown, dolomitic, sandy
1863	1880	17	Sandstone, white, medium- to fine-grained, slightly calcareous; mostly broken up into individual grains, many of which are rounded
1880	1885	5	Sandstone, nearly white, fine, dolomitic, 50%; brown and gray limestone, 50%
1885	1894	9	Sandstone, nearly white, fine- to medium-grained, slightly to moderately calcareous
1894	1899	5	Dolomite, nearly white, sandy, and porous; sand is medium- grained, rounded, and frosted
POCONO FORMATION, 25+ FEET			
1899	1909	10	Sandstone, white, medium-grained
1909	1914	5	Sandstone, white, coarse, 50%; gray shaly siltstone, 50%
1914	1919	5	Sandstone, gray, fine
1919	1924	5	Sandstone, white, with some rust stain, medium-grained
	1924		Total depth by samples