

JAMES SWAN NO. 1 WELL.

70012

Robinson District, Mason County, W. Va.
 By Spilman, Henaley, Stiles, and Kelley.
 Completed in 1900.
 Elevation, 565'.

Map No. H-30, Jackson-Mason-Futson County Report.

	Top.	Bottom.
Conductor	0	58
Black, white, and red shales	58	590
Caves	590	715
White sand	715	725
Black sand	725	810
White sand black sand	810	820
White sand	820	870
Cowl, lower Kittanning?	870	876
White sand and slate, hard, settles quickly	876	960
Big Salt Sand, top	960	1022
Brown slate	1022	1035
White sand, hard	1035	1105
Slate	1105	1107
White sand	1107	1130
Black slate, hard	1130	1250
Hard and fine shale	1250	1290
Limestone	1290	1310
Slate and sand	1310	1320
Limestone	1320	1345
Hard shale	1345	1350
Gray sand	1350	1360
Pure black slate	1360	1400
Slate and gray sand	1400	1460
Black slate and gray sand	1460	1510
Brown shale (showing of oil)	1510	1525
Black slate	1525	1545
Sand	1545	1570
Brown shale	1570	1591
Berea? Sand	1591	1621
Total depth		1621

	Thickness. Feet.	Total. Feet.
Little gas at 1545'		
Big Injun	285	1850
6 5-8" Casing to 1850'		
Slate	210	2060
Berea Sand (Little Gas)	25	2085
Black limestone	20	2105
Slate to bottom	115	2220

The above record begins 20 feet below the Pittsburgh coal horizon and extends to 135 feet below the Berea sand. No oil was found in any of the sands, but little gas was found in the Keener sand and in the Berea.

The interval between the bottom of the Pittsburgh sandstone and the Berea sand appears to be 2,080 feet, as compared with 1,734 feet in the Austin well, located north 10 west, 19 miles from this well, showing a thickening of 346 feet.

The James Swan Well.

Record of the James Swan well (M-30), located on the Ohio river, Robinson district, near the foot of Eight Mile Island, land of James Swan; well put down by Messrs. Spilman, Hensley, Stiles and Kelley, in 1900; the record being furnished the Survey by Mr. James Hensley:

	Thickness Feet.	Total. Feet.
Conductor	58	58
Black and white, and red shales	492	550
Caves	165	715
White sand	10	725
Black sand	85	810
White and black sand	10	820
White sand	50	870
Coal, Lower Kittenning?	6	876
White sand and slate, hard, settles quickly	84	960
Top of Big Salt sand	62	1022
Brown slate	13	1035
White sand, hard	70	1105
Slate	2	1107
White sand	23	1130
Black slate, hard	120	1250
Hard and fine slate	40	1290
Limestone	20	1310
Slate and sand	10	1320
Limestone	25	1345

	Thickness. Feet.	Total. Feet.
Hard shale	5	1350
Gray sand	10	1360
Pure black slate	40	1400
Slate and gray sand	60	1460
Black slate and gray sand	50	1510
Brown shale, showing of oil	15	1525
Black slate	20	1545
Sand	25	1570
Brown shale	21	1591
Berea sand	30	1621

This well starts 75 feet below the bottom of the Pittsburgh coal.

The DeVolt Well.

Record of the DeVolt well (M-32), located on Little Mill creek, Cologne dsitric, N. 30° W., one mile and a half from Baden, also known as well No. 10, drilled by the Sterling Oil Company; record of same published in Volume I (A), pages 479-80; elevation of surface, 695' A. T. (Aneroid):

	Thickness Feet.	Total. Feet.	
Drift	20	20	Dunkard Series. 40'
Sand (Waynesburg)	20	40	
Red rock	60	100	Monongahela Series. 300'
White and red mud	85	185	
White sand	5	190	
Red rock	115	305	
White sand	8	313	
Dark slate	17	330	
Trace coal (Pittsburgh)	10	340	
Light sandy shale	25	365	Conemaugh Series. 585'
Light shale	40	405	
Black shale	20	425	
Red rock	191	616	
Gray slate	39	655	
Red rock	35	690	
Hard black sand (1st Cow Run)	12	702	
Flinty slate	20	722	
Gray sand	3	725	
Soft, white sand	15	740	
Blue shale	15	755	
White sand (salt water)	50	805	
Blue shale	10	815	
Brown and blue shale	25	840	
Soft white sand	85	925	

Pittsburgh
Berea sand.
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