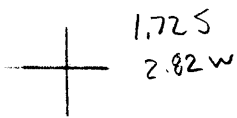


LATITUDE 38° 50'



LONGITUDE 82° 05'

82 05

7.5 OGIS topo location

7.5' loc _____ 15' loc _____
 _____ (calc.) _____

Company R.C. Wilson

Farm John P Austin 2

Quad _____

County Mason

District Cleburn

WELL LOCATION MAP

File No. 053-70001

#2 in Mason Co RPT

Clerksville Dist., Mason Co., W. Va.

70001

On Salt Creek, about 2 miles S. of Point Pleasant.
 Authority, R. G. Wilson.
 Elevation, 620'.

Located $2\frac{1}{2}$ mi. S. $18^{\circ} 45''$ W. of No. 3 well (Wagner well).

A seam of coal from 20" to 30" thick is opened about 100' north of the well, at an elevation of 625' B. I took this to be the Pittsburgh bed. This seam was opened when they drilled the well, for fuel for firing the boiler. The well was drilled several years ago by local parties.....CEK.

	Top.	Bottom.
Conductor	0	20
Shale (fresh water)	20	65
Red rock, cave, very bad	65	170
Sand, blue	170	200
Red rock, did not cave	200	250
Shale	250	400
Sand, white (water)	400	425
Shale	425	440
Coal (water)	440	444
Slate and shale	444	528
Coal (and water)	528	531
Shale	531	617
Coal (water under coal)	617	622
Shale	622	721
Coal	721	725
Sand (and water)	725	753
Slate	753	775
Coal	775	779
Slate	779	850
Sand (little gas)	850	885
Slate	885	1030
Big Lime	1030	1220
Shale	1220	1320
Sand	1320	1323
Shale	1323	1353
Sand	1353	1361
Slate and shale	1361	1450
Sand (full of water)	1450	1473
Slate	1473	1734
Sand, Berea (oil and gas)	1734	1767
Slate and lime	1767	1787
Bastard sand (some oil)	1787	1792
Slate, to bottom	1792	1845

JOHN W. AUSTIN NO. 2 WELL.

Glendon District, Mason County, W. Va.
 On Salt Creek, 2 miles S. of Point Pleasant.
 Drilled by local company. Authority, H. C. Wilson.
 Elevation, 620' B.
 Map No. M-2, Jackson-Mason-Futnan County Report.

	Top.	Bottom.
Conductor	0	20
Shale (fresh water)	20	65
Red rock, cave, very bad	65	170
Sand, blue	170	200
Red rock, did not cave	200	250
Shale	250	400
Sand, white (water)	400	425
Shale	425	440
Coal (water)	440	444
Slate and shale	444	528
Coal (water)	528	531
Shale	531	617
Coal (water under coal)	617	622
Shale	622	721
Coal	721	725
Sand (water)	725	753
Slate	753	775
Coal	775	779
Slate	779	850
Sand (little gas)	850	885
Slate	885	1030
Big Lias	1030	1220
Shale	1220	1320
Sand	1320	1323
Shale	1323	1353
Sand	1353	1361
Slate and shale	1361	1450
sand (full of water)	1450	1473
Slate	1473	1734
Berea Sand (oil and gas)	1734	1767
Slate and lime	1767	1787
Bestard sand (some oil)	1787	1792
Slate	1792	1845
Total depth		1845

Ohio river in the manufacture of salt, the principal brines coming from the base of the Pottsville (Salt sand) and the top of the Big Injun sand. The conclusion is unavoidable from the results of test wells and the known absence of prominent anticlinals in Mason, that few, if any, good pools of oil or gas can exist within the county."

Records of several of the wells have been given in preceding pages of this volume in connection with sections taken above them and records of the remaining wells that the writer has been able to get will now follow:

The Austin Well.

Record of the Austin well (M-3), located on Salt creek, two miles and a fourth east of Point Pleasant, Clendennin district, on land of John P. Austin; elevation of surface, 620' A. T. (Aneroid); record furnished the Survey by Mr. L. F. Shiflet of Point Pleasant:

	Thickness. Feet.	Total. Feet.	
Pittsburgh coal			
Conductor	20	20	
Shale, fresh water.....	45	65	
Red rock, cave, very bad cave.....	105	170	
Blue sand (Morgantown).....	30	200	Conemaugh Series. 528'
Red rock, did not cave.....	50	250	
Shale	150	400	
White sand, water.....	25	425	
Shale	15	440	
Coal (Brush Creek), water.....	4	444	
Slate and shale.....	84	528	
Coal (Upper Freeport).....	3	531	Allegheny Series. 197'
Shale	86	617	
Coal (Middle Kittanning).....	5	622	
Shale	99	721	
Coal	4	725	
Sand (Homewood), water	28	753	Pottsville Series. 305'
Slate	22	775	
Coal (Mercer)	4	779	
Slate	71	850	
Sand, little gas	35	885	
Slate	145	1030	

	Thickness. Feet.	Total. Feet.
Big Lime	190	1220
Shale (Big Injun)	100	1320
Sand	3	1323
Shale	30	1353
Sand	8	1361
Slate and shale	89	1450
Sand, full of water ("Squaw")	23	1473
Slate	261	1734
Sand, oil and gas (Berea)	33	1767
Slate and lime	20	1787
Bastard sand, more oil	5	1792
Slate to bottom.....	53	1845

This well starts at the bottom of the Pittsburgh coal and thus is quite important in revealing the thickness of the several series near the Ohio river.

The interval between the Pittsburgh coal and the Berea sand appears to be 1,734 feet.

The Butler Well.

Record of the Butler well (M-26), located on Guyan creek near the mouth of Knife branch, Hannan district, Mason county, and drilled by the Federal Oil Company in 1904. Elevation of surface 595 feet A. T. (Aneroid). Record furnished the Survey by C. C. Averill, Milton, West Virginia:

	Feet. Thickness	Feet. Total.	
Conductor	20	20	Conemaugh Series. 460'
Unrecorded	410	430	
Sand	30	460	
10" Casing to 300 feet.			
Slate	80	540	Allegheny Series. 215'
Sand	40	580	
Slate	45	625	
Sand	30	655	
Slate	5	660	
Sand	10	670	
Slate	5	675	
Sand (Homewood)	125	800	Pottsville Series. 805'
Sand, broken	280	1080	
Slate, black	130	1210	
Sand	270	1480	
8" Casing to 1485'			
Big Lime	60	1540	
Water at 1540'			
Keener Sand	25	1565	