

CABELL - D m

T. H. Harvey No. 1 Well.
("Central City" Deep Well).

80004
3
70159

Guyandot District, Cabell County, W. Va.

By T. H. Harvey.

Cab-D on map.

Elevation, 530' B.

Dry hole.

Located 1.1 mi. S. of 38° 25' and 3.05 mi. W. of 82° 25'—WC—Guyandot
Quadrangle.

On east side of Right Fork of Fourpole Creek.
1 mi. S. W. of Central City.

	Top.	Bottom.	Thickness.	Elevation (top)
Big Lime -----	970	1120	150	- 440
Big Injun Sand -----	1148	1325	177	- 618
Berea Sand -----	1730	1755	25	-1200
Corniferous Sand -----	2760	2770	10+	-2230

Thickness, Devonian Shales, 1005 feet.

Total depth, 2770' 461

Remarks: Completed in 1897.

Starts 490' below Pittsburgh Coal or 26' below base of Mahoning
Sandstone.

Salt water, 865-95'. Some salt water in Big Injun. Oil and gas
show in Berea. Gas show, 2485-2500'.

DEEP WELL

70159

.....Cabell County, W. Va.
 By Thos. H. Harvey, Huntington, W. Va.
 Completed, February, 1898.
 Obtained by M. R. Campbell.
 Well on Fourpole Creek.
 Record from U. S. Geological Survey, April 8, 1939.

	Thickness.	Depth.
Conductor	26 -	26
Shale and lime (sand?)	94 -	120
Lime	7 -	127
Slate and fire clay	98 -	225
Sandstone	25 -	250
Shale	50 -	300
Sand (small flow of gas)	30 -	330
Black slate	10 -	340
Gray sand	60 -	400
Black slate	10 -	410
Salt Sand	85 -	495
Slate, white and blue (red?)	25 -	520
Sand and lime	20 -	540
Slate	20 -	560
Black slate (sand from 700-710')	175 -	735
Gray Salt Sand	25 -	760
Black and blue slate	75 -	835
Shale and lime (2' of coal)	30 -	865
Salt Sand (gas and strong flow of water)	30 -	895
Black slate (sand)	10 -	905
Slate	30 -	935
Lime	5 -	940
Black slate	30 -	970
Lime	150 -	1120
Slate	28 -	1148
Dark-gray sand (Big Injun)	177 -	1325
Black slate	370 -	1695
Hard lime	10 -	1705
Brown slate	25 -	1730
Sand (Berea?) (oil and gas)	25 -	1755
Black slate	10 -	1765
Sand and lime	23 -	1788
Slate	6 -	1794
Black shale	20 -	1814
Black sand	97 -	1911
Slate	24 -	1935
White slate	100 -	2035
Lime and shale	9 -	2044
Black slate	46 -	2090
Black slate	165 -	2255
Brown slate	55 -	2310
Sand and shale	45 -	2355
Black slate	20 -	2375
Blue slate	10 -	2385
Black sand	30 -	2415
Black slate	5 -	2420
White sand	5 -	2425
Brown slate	10 -	2435
Gray slate	35 -	2470

(OVER)

CENTRAL CITY DEEP WELL (Continued).

	Thickness.	Depth.
Black slate) (64')	28	- 2498
Black slate	36	- 2534
White slate	35	- 2569
Gray slate	12	- 2581
Black slate	72	- 2653
Gray slate	42	- 2695
Black slate	55	- 2750
Sand	5	- 2755
Lime	215	- 2970

70157

T. H. Harvey No. 1.

Drilled by a local (Huntington) company in 1897.
 Located about $\frac{1}{4}$ mile south from C. & O. Depot at Central City, Cabell Co., W. Va.,
 on Hisey Fork of Fourpole, starting just under 40' of Mahoning Sandstone.
 Elevation, 530'.

	Thickness.	Total.
Conductor (clay and quicksand)	26	26
Shale, sand and lime (10" casing, .61 feet)	94	120
Limestone (fresh water rose. 90 feet)	7	127
Slate with layers of fine clay	98	225
Sand, fine	25	250
Slate	50	300
Sand, gas	30	330
Slate, black	10	340
Sand, gray	60	400
Slate, black	10	410 410
Sand, gray	85	495
Slate, white and blue	25	520
Sand and limestone	20	540
Slate (cased 8" at 547')	20	560
Slate, black	175	735
Sand, gray	25	760
Slate, black-blue, (coal 2 feet).	105	865
Sand, gas and strong flow of salt water.	30	895
Sand, black	10	905
Slate, black	30	935
Limestone	5	940
Slate, black	30	970
Limestone, (Mountain) (6 $\frac{1}{4}$ " casing, 987')	150	1120
Slate	28	1148
Sand, dark-gray, some salt water, Big Injun	177	1325
Shales and slate, black	370	1695
Limestone or hard sand	10	1705
Slate, brown	25	1730
Sand, Berea ("salt and pepper") (oil & gas)	25	1755
Slate, black	10	1765
Sand, hard, gray	5	1770
Limestone	5	1775
Sand, gray	10	1785
Limestone	3	1788
Slate, black	2	1790
Limestone, bastard	4	1794
Shale, black	20	1814
Sand, fine black, powdery	97	1911
Shales and slates, black, blue, white.	574	2485
Limestone, bastard (gas)	15	2500
Shale	250	2750
Sand, gray	10	2760
Corniferous Limestone, very hard	10	2770