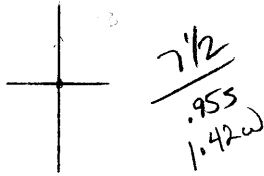


LATITUDE 38° 45'

80° 55'

LONGITUDE



Located on 1929 Equitable Rec.
 from maps as possible
 #4 on Pauline Shodgrass prop.
 K-24

7'5 OGIS topo location

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

#84 on Map II 1917 Braxton Co. Rep.

Company South Penn Oil

Farm J. W. Twyman I
 JW Twyman I

Quad Rosedale 7 1/2 / Gassaway
 NW
 15'

County Braxton

District Birch

WELL LOCATION MAP

File No. 007-70042 Byfarm

#84 on Map II 1917

Birch District, Braxton County, W. Va.

South Penn Oil Co.

Elevation, 796'.

At Rosedale. *Rosedale 7 1/2*

1 1/2" casing. 40' 3"; 10". 18 1/2"; 8 1/2". 663'; 6-5/8". 1464'.

	Top.	Bottom.
Clay and gravel	0	30
Line (water, 45')	30	45
Red rock and lime shells	45	160
Slate	160	180
Red rock	180	192
Sand, soft, Grafton (water, 195')	192	210
Red rock, Pittsburgh Beds	210	260
Slate	260	275
Red rock, Pittsburgh Beds	275	285
Slate, white	285	330
Coal, Bakerstown	330	335
Slate	335	340
Sand, Buffalo	340	375
White slate and lime	375	450
Sand, Upper Mahoning	450	515
Coal, Upper Freeport (water, 520')	515	520
Slate	520	545
Sand, Upper Freeport	545	574
Slate	574	625
Coal, Upper Kittanning	625	627
Slate and shells	627	667
Sand, East Lynn	667	724
Slate	724	736
Sand, Kittanning	736	765
Slate and shells	765	1174
Salt Sand (oil show, 1200'; gas, 1240')	1174	1275
Slate and shells	1275	1374
Salt Sand (gas, 1406'; oil, 1434')	1374	1444
Slate and shells	1444	1485
Salt Sand (gas, 1495')	1485	1500
Slate and shells	1500	1525
Salt Sand	1525	1547
Slate and shells	1547	1565
Red rock	1565	1580
Slate and shells, to bottom	1580	1619