

Operator : The California Company
 Farm : Kipps Anthracite Coal Company
 Well No. : 1
 Location : Montgomery County
 Blacksburg 7½' quadrangle
 1190' N. of 37°11'
 3209' W. of 80°27'
 Elevation : 2483.10' Gr.
 Total Depth : 9340' (Moccasin Formation)
 Drilling Commenced: March 2, 1949
 Drilling Completed: December 2, 1949
 Result : Dry hole (P & A December 2, 1949)

GEOLOGIC SUMMARY*

<u>Formation</u>	<u>Thickness (feet)</u>	<u>Depth to Base of Formation (feet)</u>
Price sandstone	950+	1,160
Chemung formation	690	1,850
Brallier shale	1,350	3,200
Millboro shale of Butts (1940)	2,400	5,600
Huntersville chert of Price (1929)	130	5,730
Clinton formation:		
Keefer sandstone member	130	5,860
Cacapon sandstone member	190	6,050
Clinch sandstone	160	6,210
Juniata formation	192	6,402
Martinsburg shale	2,738	9,140
Eggleston limestone	160	9,300
Moccasin limestone	40+	9,340

* From U. S. Geological Survey Bulletin 1027-L, p. 566, 1956

Remarks:

Gas shows : Show of gas variously reported at 7350-7480, 7350-7520, or 7446-7678'. File data state DST indicated about 50 MCF for interval 7350-7520' and that Core Lab analysis on interval 7355-7410' gave 0.0 m/d permeability and 0.7 to 2.1 percent porosity.

Oil shows : None reported

Coal : 1090-1100' (?) (U.S.G.S. Bull. 1027-L, p. 566)

Water : No fluid-bearing strata encountered

Cored Intervals : 4056-4066, 5657-5816, 5820-5821, 5826-5844½, 5849-5857, 5987-5998½, 6131-6153, 6389-6441, 7279-7287, 7356-7464, 7468-7522, 9205-9223, 9277-9285, 9316-9336' (37 cores)

Electric log : S.P. - Resistivity 114-9340'

Published references: "Oil and Gas Wells Drilled in Southwestern Virginia Before 1950", U.S.G.S. Bull. 1027-L, p. 531, 566 (1956).

"Geological Guidebook No. 1, Grand Appalachian Field Excursion", 1961 Annual Meeting G.S.A., Cincinnati, Ohio, published by V.P.I. Engineering Extension Series, p. 88 (1961).

"Geology of the Blacksburg Quadrangle, Virginia", Virginia Division of Mineral Resources Publication 14 (GM81B) (1979).