

70045

Hand
District, Ritchie County, W. Va.
By McCalmont Oil Co.
Near Cairo.

Cairo

Conductor, 10'; 10" casing, 306'; 8 $\frac{1}{2}$ " , 930'; 6 $\frac{1}{2}$ " , 1409'; 4-7/8" , 1750'.

	Top.	Bottom.	Thickness.
Conductor	0	10	10
Bluff Sand	10	50	40
Mountain Sand	50	170	120
Red rock	170	220	50
Mixed slate	220	260	40
Sand (fresh water)	260	295	35
Slate	295	415	120
Slate and sand, mixed	415	480	65
Slate and red rock	480	555	75
Lime, sand, and red rock, mixed	555	600	45
Slate and red rock	600	640	40
Red rock, (first cave)	640	660	20
Limestone	660	705	45
Red rock and slate, mixed	705	850	145
Sand and slate	850	865	15
Big Red rock (cave)	865	930	65
Slate or Dunkard	930	990	60
White lime	990	1020	30
Slate and sand, mixed	1020	1100	80
Black shale and slate	1100	1290	190
Sand lime, mixed	1290	1305	15
Slate and Pencil Cave (broken up)	1305	1315	10
Sand with some gas in top; same place shows oil	1315	1340	25
Pencil Cave, second streak	1340	1395	55
Lime and sand	1395	1409	14
Slate and lime, mixed	1409	1500	91
Black lime	1500	1545	45
Slate, between lime and gas sand	1545	1575	30
Gas sand (gas at 20' in sand)	1575	1630	55
Slate between gas sand and Salt Sand	1630	1650	20
Salt Sand (small show of oil, 1710'; salt water, 1716')	1650	1765	115

MORTON'S RECORD of this well below Salt Sand:

Top of Lime	1743
4-7/8" casing	1750
Big Injun Sand (little black oil in bottom of sand)	1840 - 1923
Slate to	2243
Shell (with some gas, 5')	2243 - 2248
Slate	2248 - 2285
Shells (10') (place of Berea)	2285 - 2295
Total depth	2317