

BOND
John E. Burdick
March, 1941

Crow Drilling-Bird and Boreing, No. 1 Miller

C S $\frac{1}{2}$ SW SW 17-13S-17W

Elevation 2143 feet

Wildcat discovery well, drilled in with cable tools.
Detailed samples.

Ordovician

Arbuckle top 3645 feet, or 1502 feet subsea. Penetration 8 feet. Marmaton cover.

3645-3653 feet TD. Cotter, upper Zone III. Dolomite, cotton rock and chert, probably in upper CM. General oil staining, with best shows in contact porosity and 3651-3652 feet.

Remarks:

This section appears to correlate with the interval from 3586 to 3594 feet in Wolf Creek, No. 1 Walters, SE SW SE 14-13S-17W, approximately four miles east. The Walters well had thin Simpson cover and, on the above basis, 43 feet of higher Arbuckle section absent in the Miller discovery. Coincidentally the No. 1 Miller is 43 feet higher on Arbuckle datum than the Walters dry hole. The Cotter in this well is close to the base of the Purcell as this contact is now placed in this general area.

FBC

BOND
John E. Burdick