

Northwest Petroleum - Mitchell Dome #1

Log of Well at Mitchell, Oreg. Sec. 23--Twp. 10--R. 21.

Wheeler County

Depth

0 to 50 feet. Black shale.
 54-- small flow of water.
 90 water-- brown sandy shale.
 215. brown shale.
 220 water---- brown sandy shale.
 271 blackshale--set 15½" casing at 236. 12" at 265.
 357 brownish shale
 367 sandy shale and shells.
 382 some lime,--little water.
 397 brown shale
 425 hard limestone--some wayer--set 10" casing at 425
 482 black shale.
 496 gray sandy shale, carrying some oil and gas.
 532 black shale.
 543 sandy lime, showing oil and gas.
 571 black shale.
 598 hard black lime set 10" casing at 598
 664 black shale.
 681 hard black lime
 681½ gray sand carrying oil and gas.
 684 Hard black lime-- attempted to 19" casing to top
 ream; same broke at 221 feet from top of hole,
 leaves 12" casing to 265 feet and 10" casing from
 598 up to 221 feet with 44 feet overlap of 12".
 770. Black sandy shale.
 775 black water sand.
 795 black shale.
 800 gray shale.
 805 white lime
 935 blue sandy lime--- 845--855-- hard sandy lime--good.
 Oil showing.
 950 broken shale and sand-- 8½" set at 940 feet.
 960 sandy lime
 970 blue sandy shale.
 980 sandy lime.
 1003 blue shale. 1318 sharp sandy lime.
 1015. lime. 1330 broken lime-shale.
 1035 blue shale. 1370 gray lime
 1045 sandy lime--- oil showing. 1372, sandy lime, heavy show
 1067 blue sandy lime. 1374, sandy lime, hard, under
 1073 white formation. reaming to set 5-5/8 in
 1088 purple shale. casing, which is now 1316
 1091 green lime. Well at present 1802.
 1098 white broken shale. No record.
 1094 ~~1095~~ gray lime
 1141 purple shale
 1153 gray shale.
 1158 black hard lime formation.
 1160 gray shale.
 1168 hard lime
 1184 black sandy shale
 1212 black shale
 1273 gray sandy shale.
 1302 gray sandy lime
 1507 gray sandy shale.