

Continental Oil Company, Eunice, New Mexico, Meyer B-31 A No. 2

Core #1: 3565-3625', cut 60', rec 60'. 3565.0-69.2' dolo, tan-brn, fxtn, dnse. 69.2-73.3 anhy, w/few thn strks dolo (as above). 73.3-76.0' dolo, tan-brn, fxtn, dnse. 76.0-88.6' anhy. 88.6-89.6' dolo, tan-brn, fxtn, dnse. 89.6-3612.6' ss, vfg, gry, silty, tite, very shaley. *3604-3610': 6' ss, vfg, silty, gry, w/sl show oil and tr bleeding, strong odor. 3612.6-18.0' dolo, tan-brn, fxtn, dnse. *3617-3618': 1' dolo as above but has tr por w/sl oil stain. 18.0-22.5' ss, vfg, gry, silty, tite, very shaley. *3619.5-3620': 1 1/2' ss as above, w/sl oil st, tr bleeding, strong odor. 22.5-25' dolo, tan-brn, fxtn, dnse.

Core #2: 3625-3685', cut 60', rec 60'. 3625-27.5' dolo, tan-brn, fxtn, dnse. 27.5-28.0' sh, gry. 28.0-34.0' dolo (as above) sl shaley. 34.0-61.0' ss, vfg, silty, gry to drk gry, shaley in strks, shaley at base. *3644-46.5' ss, vfg, soft, fair por, good stain and odor. *3652-52.5' good - as above. *3656.5-58.5' good - as above. 61.0-70.0' dolo, tan-brn, fxtn, dnse (1/2' sh at 68.5'). 70.0-71.0' sh, red, silty, tite. 71.0-81.5' dolo, tan-brn, fxtn, dnse. 81.5-85.0' ss, vfg, gry, silty, fairly tite.

Core #3: 3685-3745'. 3685.0-97.3' ss, vfg, silty, gry-tan, sl oil st and odor. 87.5-90.5' ss, dolo, soft, gry-black, good stain and odor. 92.3-95.3' dolo, v fxtn, crmy gry, dnse, w/numerous thn drk gry silty shale strks. 95.3-97.5' ss, vfg, tite, hard, gry, no st, sl odor, becoming shaley at bottom. 97.5-99.3' dolo, buff-gry, fxtn, dnse. 99.3-3700.0' shale, red, silty. 3700.0-05.5' dolo, fxtn, gry-buff, dnse. 05.5-08.4' siltstone, red-maroon, tite, shaley. 08.4-11.5' dolomite, gry-buff, fxtn, dnse. 3710.5-11.0' sh strk, red. 11.5-15.2' ss, vfg, gry, silty, very tite, no st, sl odor. 15.2-19.0' sh, red-maroon, silty, tite. 19.0-21.0' dolo, fxtn, gry-buff, dnse. 21.0-29.2' ss, vfg, gry, silty, tite, no st, sl odor, top 1' red shaley. 22.0-27.5' has fair st and odor, bottom 1 1/2' red shale. 29.2-36.0' dolo, crmy gry-tan, fxtn, dnse. 36.0-45.0' ss, vfg, lt grnsh-gry, fairly soft, porous, good oil stain and odor.

Core #4: 3745-3805', cut 60', rec 60'. 3745.0-51.0' ss, vfg, gry-tan, soft, friable, good por, good oil stain & odor. 51.0-53.0' shale, grnsh-gry, sandy at top but tite. 53.0-56.0' dolo, fxtn, gry-buff, w/numerous sndy shale strks. 56.0-58.3' dolo, fxtn, gry-buff, dnse. 58.3-70.2' ss, vfg, gry, silty, fairly tite but has fair oil stain & good odor. Top 1' very shaley. Slightly shaley at base. 70.2-71.8' dolo, fxtn, gry, dnse. 71.8-74.2' ss, vfg, gry, silty, fairly tite. Has heavy drk oil bleeding, fair odor. 74.2-76.5' dolo & shaley silt streaks interbedded, very tite & dnse. 76.5-78.0' dolo, fxtn, gry dnse. 78.0-82.9' ss, vfg, silty and very shaley, gry, tite, no shows. 82.9-89.0' dolo, fxtn, gry, dnse with numerous thin shale strks. 89.0-92.0' sh, gry, silty & dolomitic. 92.0-98.5' dolo, fxtn, gry-buff, dnse, bottom 1' very shaley. 3793.5-97.0': zone w/numerous small vugs w/serval large vugs, bleeding oil. 98.5-3805.0' dolo, lt brn, very silty at top becoming shaley at base. Very dnse, sl trace bleeding in bottom ft.