

CORE #1 3150-3204', CUT 54' REC 54'. 3150.0-52.3': DOLOMITE, FINE CRYSTALLINE, GRAY-LIGHT BROWN, DENSE, SHALEY AT TOP. BOTTOM FOOT HAS FAIR ODOR, SLIGHT TRACE BLEEDING OIL, BUT VERY TITE. 3152.3-59.0' ANHYDRITE. DOLOMITE STREAK 3158.0-58.1. 3159.0-66.4': DOLOMITE, FINE CRYSTALLINE, TAN, TO MEDIUM CRYSTALLINE, DARK GRAY-BROWN, DENSE. HAS SLIGHT ODOR. SLIGHT TRACE BLEEDING OIL. 3166.4-71.0': ANHYDRITE. DOLOMITE STREAK 3168.2-68.4'. 3171.0-74.0': DOLOMITE, FINE CRYSTALLINE, DENSE, CREAMY LIGHT BROWN, HAS FAIR ODOR, SLIGHT TRACE BLEEDING OIL. 3174.0-76.0': SANDSTONE, VERY FINE GRAIN, GRAY, TITE, SILTY, VERY ANHYDRITIC THROUGHOUT. HAS FAIR ODOR. 3176.0-77.2' DOLOMITE, FINE TO MEDIUM CRYSTALLINE, DENSE. LT BROWN. SLIGHT TRACE BLEEDING OIL. 3177.2-77.5': SHALE, DARK GRAY, SILTY. 3177.5-87.0': ANHYDRITE. BOTTOM 2.0' BECOMING VERY SHALEY. 3187.0-92.0': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, WITH ABUNDANT ANHYDRITE INTERBEDDED, TITE. 3192.0-93.5': DOLOMITE, FINE CRYSTALLINE, LIGHT BROWN, DENSE. 3193.5-3204.0': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TITE AS ABOVE, BUT HAS LESS ANHYDRITE.

CORE #2 3204-3258', CUT 54' REC 54'. 3204.0-11.0': SANDSTONE, VERY FINE GRAIN, GRAY, FAIRLY TITE, POROUS. STRONG GAS ODOR. 3211.0-18.5': DOLOMITE, FINE TO MEDIUM CRYSTALLINE, SANDY, TITE, HARD, LIGHT BROWN. 3218.5-25.0': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, SHALEY, TITE, HARD. FAIR GAS ODOR. (3220.0-21.5' SHALE, DARK GRAY, SANDY). 3225.0-47.5': SANDSTONE, VERY FINE GRAIN, GRAY, TITE AT TOP AND BOTTOM, SOFT AND FRIABLE IN MIDDLE, GOOD POROSITY. STRONG GAS ODOR. GOOD STAIN. (3228.0-41.2' SS AS ABOVE WITH VERY GOOD POROSITY, SOFT AND CRUMBLY. 3241.2-43' SS AS ABOVE TITE, SHALEY, HARD. 3245.0-45.5' SS AS ABOVE TITE, SHALEY, HARD). 3247.5-48.2': SANDSTONE, VERY FINE GRAIN, GRAY, TITE, SHALEY. 3248.2-50.5': DOLOMITE, FINE CRYSTALLINE, GRAY-TAN, DENSE. 3250.5-51.0': SHALE, DARK GRAY, SILTY. 3251.0-56.0': DOLOMITE, FINE CRYSTALLINE, TAN, DENSE. HAS FAIR INTERCRYSTALLINE POROSITY WITH SLIGHT TRACE OIL BLEEDING. BOTTOM 2.0' BECOMING SANDY. 3256.0-58.0': SANDSTONE, VERY FINE GRAIN GRAY, SOFT, POROUS. GOOD STAIN, GOOD STRONG GAS ODOR.

CORE #3 3258-3312', CUT 54' REC 54'. 3258.0-73.0': SANDSTONE, VERY FINE GRAIN, TAN-GRAY, SOFT POROUS. GOOD STAIN, STRONG GAS ODOR. (3266.0-68.0' SS AS ABOVE TITE, SILTY, HARD. 3272.0-73.0' SS AS ABOVE TITE, SILTY, DOLOMITIC.) 3273.0-75.0': DOLOMITIC, FINE CRYSTALLINE, TAN-LIGHT BROWN, DENSE, SANDY AT TOP AND BOTTOM. 3275.0-77.0': SANDSTONE, VERY FINE GRAIN, GRAY, TITE, HARD, BECOMING DOLOMITIC AT BASE. HAS GOOD GAS ODOR. 3277.0-80.0': DOLOMITE, FINE CRYSTALLINE, TAN TO BROWN, DENSE. HAS SCATTERED PINPOINT POROSITY AND TRACE BLEEDING THROUGHOUT. 3280.0-83.3': SANDSTONE, VERY FINE GRAIN, GRAY-GREEN-TAN MOTTLED, GOOD POROSITY, BUT TITE. GOOD GAS ODOR. 3283.3-88.3': DOLOMITE, FINE CRYSTALLINE, GRAY-TAN, DENSE, HAS SLIGHT TRACE BLEEDING IN TOP 1.5'. (3285.8-86.0' SHALE, DARK GRAY. 3286.5-88.0' SANDSTONE, VERY FINE GRAIN, DARK GRAY, SILTY, TIGHT. 3288.3-96.5' SANDSTONE, VERY FINE GRAIN, TAN-GRAY, FAIRLY SOFT AND POROUS. GOOD STAIN, GOOD GAS ODOR. HAS THIN 0.1' STREAK BLACK SHALE AT BASE. 3296.5-04.0': DOLOMITE, FINE CRYSTALLINE, GRAY-TAN, DENSE, BOTTOM 3.0' HAS TRACE BLEEDING THROUGHOUT. 3304.0-07.0': SANDSTONE, VERY FINE GRAIN, DARK GRAY, SILTY, TIGHT. VERY SHALEY AT TOP AND AT BOTTOM. 3307.0-10.0': DOLOMITE, FINE CRYSTALLINE, GRAY-TAN, DENSE, BOTTOM 2.0' IS BLEEDING. 3310.0-12.0': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT.

CORE #4 3312-3366', CUT 54' REC 54'. 3312.0-24.7': SS, VERY FINE, TAN-GRAY, TIGHT, FAIR GAS ODOR. (3315-15.3 DOLOMITE. 3318.5-19.0' DOLOMITE). 3324.7-25.2': DOLOMITE, LIGHT GRAY, DENSE, FINE CRYSTALLINE. 3325.2-25.6': SHALE, GREENISH GRAY. 3325.6-29.5': DOLOMITE, LIGHT GRAY, DENSE, FINE CRYSTALLINE, BOTTOM 2' SLIGHT BLEEDING. 3329.5-32.3': SS, VERY FINE TAN-GRAY, TIGHT, FAIR GAS ODOR. 3332.3-35.0': DOLOMITE, GRAY, DENSE, FINE CRYSTALLINE, SLIGHT BLEEDING THROUGHOUT. 3335.0-37.5': SS VERY FINE, TAN-GRAY, BOTTOM .5' VERY SHALEY. 3337.5-38.0': DOLOMITE, LIGHT GRAY, DENSE, LITHOGRAPHIC. 3338.0-40.0': DOLOMITE, LIGHT GRAY, MEDIUM CRYSTALLINE TO COARSE CRYSTALLINE. GOOD INTERCRYSTALLINE POROSITY, GOOD OIL STAINING W/BLEEDING, SOME VUGGY POROSITY. 3340.0-47.2': DOLOMITE, GRAY-DENSE, TOP .5' SHALEY. GOOD BLEEDING FROM 3344 TO 3347.2'. 3347.2-47.7': SHALE, GREENISH GRAY, SILTY. 3347.7-51.5': DOLOMITE, GRAY, FINE CRYSTALLINE, SCATTERED BLEEDING, SHALEY 3349.3-.5'. 3351.5-53.0': INTERBEDDED GREENISH GRAY SHALE & GRAY DENSE DOLOMITE. 3353.0-58.4': DOLOMITE, FINE CRYSTALLINE, GRAY, VUGGY 54-56', 57-58', SCATTERED BLEEDING. 3358.4-59.3': SHALE, GREENISH GRAY. 3359.3-62.0': SS VERY FINE, SILTY, MOTTLED GREENISH BROWN, TIGHT, BLEEDING. 3362.0-64.7': SS AS ABOVE, FAIR POROSITY, STRONG GAS ODOR. 3364.7-66.0': SS AS ABOVE, TIGHT, BLEEDING.

CORE #5 3366-3420', CUT 54' REC 54'. 3366.0-72.0': SANDSTONE, VERY FINE GR, GRAY, TIGHT, SILTY, HARD. GOOD ODOR, FAIR STAIN, SLIGHT BLEEDING ALONG TIGHT SILTY ZONES. 3372.0-75.5': DOLOMITE, FINE CRYSTALLINE, TAN, DENSE. HAS NUMEROUS SCATTERED VUGS, BOTH LARGE AND SMALL, FAIR BLEEDING OF OIL ALONG VUGS. 3375.5-76.0': SHALE, DARK GREENISH-GRAY. 3376.0-83.0': SANDSTONE, VERY FINE GRAIN, GRAY, TIGHT, SILTY, HARD. GOOD ODOR, GOOD OIL STAIN. 3377.5-78.5' SS AS ABOVE WITH GOOD POROSITY, SOFT AND FRIABLE. 3383.0-90.5': DOLOMITE, FINE CRYSTALLINE, TAN, DENSE. FEW VUGS 3386.0-87.0' W/TRACE BLEEDING ALONG VUGS. 3387.5-88.5': DOLOMITE, AS ABOVE, INTERBEDDED W/SEVERAL THIN GREEN-GRAY SHALE STREAKS. 3390.5-03.3': DOLOMITE, FINE CRYSTALLINE, LIGHT GRAY TO MEDIUM CRYSTALLINE, TAN DENSE. HAS NUMEROUS SCATTERED VUGS, LARGE AND SMALL. GOOD OIL STAIN AND BLEEDING ALONG VUGS. TOP 0.2' GREEN SHALE. 3392.0-93.0' SEVERAL LARGE CAVERNOUS VUGS. 3392.2-02.5' SHALE, GREEN-GRAY. 3393.2-03.3' SHALE GREEN-GRAY. 3393.3-10.0': DOLOMITE, FINE CRYSTALLINE, TAN, SUCROSIC. FAIR INTERCRYSTALLINE POROSITY. GOOD OIL STAIN THROUGHOUT, GOOD ODOR. 0.1' GREEN SHALE AT TOP AND AT BOTTOM. 3390.0-20.0': DOLOMITE, FINE CRYSTALLINE, TAN, DENSE. HAS FAIR BLEEDING 3392.0-15.0', LARGE VUGS 3394.0-15.0' AND SEVERAL THIN GREEN SHALE STREAKS. THIN GREEN SHALE STREAKS AT 3396.0', 3396.5' AND 3399.5'.

CORE #6 3420-3474' CUT 54' REC 54'. 3420.0-30.5': DOLOMITE, FINE CRYSTALLINE, GRAY, DENSE TO MEDIUM CRYSTALLINE, TAN. HAS SCATTERED PINPOINT & VUGGY POROSITY. SLIGHT BLEEDING THROUGHOUT. 3425.8-26.2' SHALE. 3430.5-39.7': SANDSTONE, VERY FINE GRAIN, GRAY, TITE, HARD, SILTY, SHALEY AT TOP AND BOTTOM. 3433.0-36.0' ZONE FAIR TO GOOD POROSITY, GOOD STAIN & ODOR. 3439.7-57.0': DOLOMITE, FINE CRYSTALLINE, LIGHT BROWN, DENSE TO TAN, SUCROSIC. HAS FAIR TO GOOD OIL STAIN & BLEEDING THROUGHOUT. 3443.5' SHALE STREAK, DARK GREEN 0.1'. 3451.3' SHALE STREAK, DARK GREEN 0.1'. 3457.0-70.5': DOLOMITE, FINE CRYSTALLINE, LIGHT GRAY, DENSE, TO TAN MEDIUM CRYSTALLINE. HAS SLIGHT BLEEDING FROM 59.0-60.0' AND 62.5-70.5'. 3457.8-58.2' SHALE, DARK GREEN. 3460.2' - 0.2' SHALE STREAK. 3461.0-62.0' NUMEROUS THIN SHALE STREAKS. 3467.3' SHALE DARK GREEN 0.1'. 3471.2-74.0': DOLOMITE, FINE CRYSTALLINE, TAN, SUCROSIC, GOOD STAIN & BLEEDING.

CORE #7: 3474-3528' CUT 54' REC 54'. 3474.0-95.5' DOLOMITE, FINE TO MEDIUM CRYSTALLINE, TAN-LIGHT BROWN, SUCROSIC. HAS SOME FINE INTER-CRYSTALLINE POROSITY AND FEW SCATTERED SMALL VUGS. FAIR TO GOOD BLEEDING THRUOUT. GOOD STAIN AND ODOR. 3475.5-76.2' SEVERAL THIN GREEN SHALE STREAKS. 3482.0-83.0' SEVERAL THIN GREEN SHALE STREAKS. 3493.8-94.5' SEVERAL THIN DARK GREEN-BLACK STREAKS. 3495.5-3500.8' SANDSTONE, VERY FINE GRAIN, GRAY-TAN, GOOD POROSITY. GOOD OIL STAIN, GOOD ODOR, TIGHT AT TOP AND BOTTOM. 3500.8-13.0' DOLOMITE, FINE TO MEDIUM CRYSTALLINE, TAN TO LIGHT BROWN, SUCROSIC. HAS SOME INTERCRYSTALLINE POROSITY AND NUMEROUS VUGS, BOTH LARGE AND SMALL. 3502.0-06.5' SEVERAL LARGE VUGS, GOOD BLEEDING. 3508.0-13.0' SEVERAL LARGE VUGS, GOOD BLEEDING. 3513.0-16.4' SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, SHALY, TIGHT, HARD. HAS SLIGHT BLEEDING IN TOP 1.5'. 3516.4-28.0' DOLOMITE FINE TO MEDIUM, CRYSTALLINE, TAN-BROWN, SUCROSIC. HAS FAIR INTERCRYSTALLINE POROSITY AND FEW SCATTERED VUGS. 3516.4-18.5' GOOD OIL STAIN AND BLEEDING. 3518.5-18.7' SHALE, DARK GRAY. 3519.0-27.0' FAIR OIL STAIN AND BLEEDING. 3522.8-23.2' HAS SEVERAL THIN DARK GRAY SHALE STREAKS. 3524.0-26.0' FAIR OIL STAIN AND BLEEDING. 3527.0-28.0' GOOD OIL STAIN AND BLEEDING.

CORE #8: 3528-3582' CUT 54' REC 54'. 3528.0-58.5' DOLOMITE, FINE TO MEDIUM CRYSTALLINE, SUCROSIC, DENSE. 3531.1 SHALE, DARK GRAY-GREEN (0.1'). 3535.9 SHALE, DARK GRAY-GREEN (0.1'). 3540.8-41.0' SHALE, DARK GRAY GREEN. 3541.0-42.3' DOLO, FINE CRYSTALLINE, GRAY, DENSE. 3552.5 SHALE, DARK GRAY-GREEN (0.1'). 3553.0 SHALE, DARK GRAY-GREEN (0.1'). WHOLE INTERVAL HAS SCATTERED VUGS AND FAIR TO GOOD OIL STAIN AND BLEEDING THRUOUT. 3558.5-68.4' SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT, HARD. SHALY AT TOP AND BOTTOM. HAS SLIGHT BLEEDING ALONG TIGHT ZONES. 3559.5-64.6' SANDSTONE, VERY FINE GRAIN, GRAY-TAN, FAIR TO GOOD POROSITY, GOOD STAIN AND ODOR. 3568.4-73.0' DOLOMITE, FINE CRYSTALLINE, TAN, SUCROSIC, FAIR TO GOOD OIL STAIN AND BLEEDING. 3573.0-75.3' SANDSTONE, VERY FINE GRAIN, TAN-GRAY-GREEN, MOTTLED, TIGHT, SILTY, SHALY, HARD. GOOD ODOR, SLIGHT BLEEDING. 3575.3-79.2 DOLOMITE, FINE CRYSTALLINE, TAN, SUCROSIC, FAIR OIL STAIN AND BLEEDING. 3579.2-82.0' SANDSTONE, VERY FINE GRAIN, GRAY-TAN, SILTY AT TOP, OTHERWISE HAS GOOD POROSITY. GOOD ODOR AND STAIN.

CORE #9: 3582-3636' CUT 54' REC 54'. 3582.0-83.0': SANDSTONE, VERY FINE GRAIN, GRAY-TAN, TIGHT. HAS GOOD ODOR AND STAIN. 3583.0-92.0' DOLOMITE, FINE CRYSTALLINE, TAN-BROWN, SUCROSIC. FAIR INTERCRYSTALLINE POROSITY, FEW SCATTERED SMALL VUGS. HAS GOOD OIL STAIN AND BLEEDING. 3585.8-86.0' SHALE, DARK GRAY. 3592.0-94.0': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, VERY TIGHT, HARD. HAS GOOD ODOR AND SLIGHT BLEEDING. 3594.0-98.0': DOLOMITE, FINE CRYSTALLINE, TAN, DENSE, HAS SLIGHT BLEEDING IN TOP FOOT. 3598.0-3602.6': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT. HAS SLIGHT BLEEDING ALONG TIGHT ZONES. 3602.6-06.0': DOLOMITE, FINE CRYSTALLINE, GRAY-TAN, SUCROSIC. HAS GOOD OIL STAIN AND BLEEDING IN TOP 2.5'. BOTTOM DENSE. 3606.0-14.4': SANDSTONE, VERY FINE GRAIN, GRAY-TAN, HAS FAIR TO GOOD POROSITY. 3606.0-09.0' GOOD POROSITY, SOFT, GOOD OIL STAIN. 3609.0-10.0' SILTY, SILTY, TIGHT, FAIR BLEEDING. 3610.0-12.0' GOOD POROSITY, SOFT, GOOD OIL STAIN. 3612.0-14.4' SILTY, TIGHT, FAIR BLEEDING. 3614.4-34.5': DOLOMITE, FINE TO MEDIUM CRYSTALLINE, TAN-BROWN, HAS FAIR TO GOOD BLEEDING THRUOUT, BOTTOM FOOT DARK BROWN, HEAVY OIL STAIN. 3618.5' SHALE, DARK GREEN-GRAY (0.1'). 3623.2-23.4' SHALE, DARK GREEN-GRAY. 3634.5-36.0': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT, SLIGHT BLEEDING.

CORE #10: 3636-3690' CUT 54' REC 54'. 3636.0-42.0': SANDSTONE, VERY FINE GRAIN, GRAY, TOP 3.0' HAS GOOD POROSITY AND OIL STAIN, BOTTOM 2.0' TIGHT, SILTY, HARD. 3642.0-45.0': DOLOMITE, FINE CRYSTALLINE, TAN, SUCROSIC, GOOD OIL STAIN AND BLEEDING. 3645.0-50.5': DOLOMITE, FINE CRYSTALLINE, TIGHT, GRAY, DENSE, TOP FOOT SHALY, TIGHT. 3650.5-56.0': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, DOLOMITIC, TIGHT, SLIGHT BLEEDING IN TOP FOOT AND BOTTOM FOOT. 3656.0-61.0': SANDSTONE, VERY FINE GRAIN, GRAY-TAN, GOOD POROSITY, GOOD OIL STAIN AND ODOR. BOTTOM FOOT BECOMING TIGHT. 3661.0-63.4': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, DOLOMITIC, TIGHT, SLIGHT BLEEDING. 3663.4-65.0': DOLOMITE, LIGHT GRAY, FINE CRYSTALLINE, SANDY, TIGHT, NO SHOWS. 3665.0-84.4': DOLOMITE, FINE CRYSTALLINE, TAN-BROWN, SUCROSIC, HAS FAIR INTERCRYSTALLINE POROSITY, FEW SCATTERED SMALL VUGS. GOOD OIL STAIN, ODOR AND BLEEDING. 3684.4-88.0': DOLOMITE, FINE CRYSTALLINE, LIGHT GRAY, DENSE. 3688.0-90.0': DOLOMITE, FINE CRYSTALLINE, TAN, SUCROSIC, FAIR OIL STAIN AND BLEEDING.

CORE #11: 3690-3743' CUT 53' REC 53'. 3690.0-91.2': DOLOMITE, FINE CRYSTALLINE, TAN, SUCROSIC, FAIR INTERCRYSTALLINE POROSITY, NUMEROUS SCATTERED SMALL VUGS, GOOD OIL STAIN AND BLEEDING. 3691.2-94.5': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT, GOOD ODOR, SLIGHT BLEEDING. 3694.5-99.5': DOLOMITE, FINE CRYSTALLINE, TAN-BROWN, SUCROSIC. FAIR INTERCRYSTALLINE POROSITY, BOTTOM 3.0' VUGGY, FAIR TO GOOD BLEEDING. 3699.5-3700.4': SHALE, DARK GRAY-BLACK. 3700.4-07.0': DOLOMITE, FINE CRYSTALLINE, GRAY, DENSE. 3704.0-05.0' SANDY, DENSE. 3707.0-09.5': SANDSTONE, VERY FINE GRAIN, GRAY TO TAN, FAIR POROSITY, GOOD ODOR AND STAIN. 3709.5-14.8': DOLOMITE, FINE CRYSTALLINE, TAN, SUCROSIC, FAIR OIL STAIN AND BLEEDING. 3711.0-12.0' ZONE GOOD VUGULAR POROSITY (MAY BE PERMEABLE). 3714.8-15.0': SHALE. 3715.0-19.5': DOLOMITE, FINE CRYSTALLINE, TAN, DENSE TO SUCROSIC, BOTTOM FOOT HAS GOOD BLEEDING. 0.1' SHALE AT BASE. 3719.5-38.3': DOLOMITE, FINE CRYSTALLINE, LIGHT GRAY-TAN, DENSE, BOTTOM 5.0' BLEEDING. 3726.0-26.5': SHALY STREAKS, 3730.0-31.5': SHALY STREAKS. 3738.3-38.5': SHALE, DARK GREEN SOAPY. 3738.5-43.0': SANDSTONE, VERY FINE GRAIN, GRAY LIGHT BROWN, FAIR TO GOOD POROSITY, TIGHT AT TOP (0.8') AND BOTTOM FOOT. HAS GOOD ODOR AND STAIN.

CORE #12: 3743-3797' CUT 54' REC 54'. 3743.0-45.4': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT. TOP 0.8' IS STAINED DARK BROWN, GOOD ODOR THRUOUT. 3745.4-56.2': DOLOMITE, FINE CRYSTALLINE, GRAY, DENSE TO TAN SUCROSIC. HAS FAIR STAIN AND BLEEDING. 3753.0-53.3' SHALE, DARK GRAY. 3756.2-58.8': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT, GOOD ODOR, FAIR STAIN, SLIGHT BLEEDING. 3758.8-65.0': DOLOMITE, FINE CRYSTALLINE, GRAY TO TAN, DENSE. FAIR OIL STAIN AND BLEEDING. 3762.4-62.8' SHALY STREAKS. 3765.0-66.6': SANDSTONE, VERY FINE GRAIN, GRAY, TIGHT, FAIR ODOR, SLIGHT STAIN. 3766.6-73.6': DOLOMITE, FINE CRYSTALLINE, TAN-BROWN, SUCROSIC, FAIR INTERCRYSTALLINE POROSITY, NUMEROUS SCATTERED VUGS. FAIR TO GOOD OIL STAIN AND BLEEDING. 3767.0-69.0' GOOD VUGULAR POROSITY. 3773.6-77.0': SANDSTONE, VERY FINE GRAIN, TAN, GOOD POROSITY, GOOD OIL STAIN AND ODOR. 3777.0-80.0': SANDSTONE, VERY FINE GRAIN, GRAY, TIGHT, SILTY, FAIR STAIN, FAIR ODOR. 3780.0-85.5': DOLOMITE, FINE CRYSTALLINE, GRAY-TAN, DENSE, SLIGHT BLEEDING ALONG SCATTERED VUGS, SLIGHT TRACE WATER AT 80.0'. 3785.5-94.0': DOLOMITE, FINE CRYSTALLINE, GRAY, SANDY, TIGHT, BOTTOM FOOT IS SANDY AND HAS FAIR STAIN OIL PLUS TRACE OF BLEEDING SALT WATER. 3794.0-97.0': SANDSTONE, VERY FINE GRAIN, GRAY-TAN, FAIR TO GOOD POROSITY, GOOD ODOR AND STAIN, SLIGHT BLEEDING OIL ALONG TIGHT ZONES.

CORE #13: 3797-3851' CUT 54' REC 54'. 3797.0-98.0': SANDSTONE, VERY FINE GRAIN, GRAY, DOLOMITIC, TIGHT. 3798.0-3802.5': SANDSTONE, VERY FINE GRAIN, TAN, GOOD POROSITY, SALTY TASTE, FAIR ODOR (PROBABLY WATER). 3802.5-05.5': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT. 3805.5-08.0': SANDSTONE, VERY FINE GRAIN, TAN, GOOD POROSITY, TASTES SALTY, PROBABLY WATER SATURATED. 3808.0-09.0': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT. 3809.0-16.0': SANDSTONE, VERY FINE GRAIN, TAN, GOOD POROSITY, PROBABLY WATER SATURATED. 3816.0-17.0': DOLOMITE, FINE CRYSTALLINE, TAN-BROWN, DENSE, FEW VERTICAL FRACTURES, FEW SCATTERED VUGS, TRACE BLEEDING OIL ALONG FRACTURES AND VUGS. 3817.0-19.5': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT. 3819.5-22.0': DOLOMITE, FINE CRYSTALLINE, GRAY, DENSE, TRACE INTERCRYSTALLINE POROSITY, FAIR BLEEDING OIL. 3822.0-22.2': SHALE, LIGHT GREEN-GRAY. 3822.2-26.5': DOLOMITE, FINE CRYSTALLINE, GRAY DENSE TO TAN SUCROSIC. NUMEROUS SCATTERED VUGS, LARGE AND SMALL. FAIR TO GOOD BLEEDING OIL. 3826.5-30.5': SANDSTONE, VERY FINE GRAIN, GRAY, SILTY, TIGHT. BOTTOM 0.3' IS SHALE. 3830.5-34.5': DOLOMITE, FINE CRYSTALLINE, DARK GRAY-LIGHT BROWN, FEW SMALL VUGS, BLEEDING BOTH OIL AND WATER. 3834.5-48.5': SANDSTONE, VERY FINE GRAIN, GRAY-TAN, VERY TIGHT IN PLACES. SOFT ZONES WATER SATURATED. TIGHTER ZONES BLEEDING OIL. 3836.0-37.0' DOLOMITIC, TIGHT. 3841.5-43.5' DOLOMITE, TAN, FINE CRYSTALLINE, SILTY, DENSE. 3848.5-51.0': DOLOMITE, FINE CRYSTALLINE, TAN, FAIR TO GOOD VUGULAR POROSITY BLEEDING OIL W/TRACE WATER.