

R. OLSEN OIL CO., #4 EATON
SE 1/4 SW 1/4 SEC. 12-25S-37E
LANGLIE-MATTIX FIELD
LEA COUNTY, NEW MEXICO

SAMPLES DESCRIBED FROM: 2100 - 3255 AS A SUPPLEMENT TO NEW MEXICO OIL
COMMISSION FORM NO. C-105.

2100 - 2230	SALT & POLYHALITE
2230 - 40	SALT, RED SHALE & GRY-WH ANHYDRITE
2240 - 50	" " " " " "
2250 - 60	TRACE SALT, GRY-WH ANHY & RED SHALE
2260 - 70	TRACE GREEN SHALE, GRY-WH ANHY & RED SHALE
2270 - 80	" " " " " "
2280 - 90	GRY-WH ANHY & BUFF-WH ANHY; RED SHALE
2290 - 00	" " " " " "
2300 - 2310	" " " " " " ; GREEN SHALE
2310 - 20	" " " " " " " "
2320 - 30	" " " " " " TR. GREEN SH
2330 - 40	" " " " " " " "
2340 - 50	SALT (CAVINGST); GRY-WH ANHY; RED SH
2350 - 60	GRY-WH ANHY; RED SH; TR GREEN SH
2360 - 70	" " " " " " " "
2370 - 80	DENSE TO VERY FINE XLN BUFF-WH DOL; GRY WH ANHY; REDD SH.
2380 - 90	GRY-WH ANHY; RED SH; TR. LT GRN ANHYDRITIC & SLT CALC FINE- MED. GRAINED SAND; RED SH; TR GRN SHALE
2390 - 00	DNS TO FINE XLN WH & BUFF DOL; GREEN ANHYDRITIC & SLT CALC F-MG SAND; RED SHALE & ANHY.
2400 - 2410	SAME DOL.; TR. SALT; TR. GREEN SH; GRY ANHY; RED SHALE
2410 - 20	BUFF-BROWN FINE XLN DOL; GRY-WH & BRN BANDED ANHY; RED SH
2420 - 30	AS ABOVE
2430 - 40	RED M.G. FRIABLE SAND; BUFF-BRN FINE XLN DOL; WH ANHY; RED SH
2440 - 50	DOL AS ABOVE; GRY-WH ANHY; RED SH
2450 - 60	DNS TO FINE XLN TAN-WH DOL; FROSTED QTZ. GRAINS; RED M.G. FRIABLE SAND; GRY-WH ANHY; RED SH
2460 - 70	DOL. AS ABOVE; " " " " " "
2470 - 80	" " " " " " ; GRY-BUFF DOLOMITIC ANHY.
2480 - 90	DNS TO FINE XLN TAN-WH DOL; GRY-BUFF & WH DOLOMITIC & DDY ANHY; RED SH
2490 - 00	AS ABOVE
2500 - 2510	RED SHY F.G. SAND; TAN-WH & BUFF DNS DOL; RED SH; GRY-WH ANHY
2510 - 20	AS ABOVE
2520 - 30	TR BUFF FINE XLN DOL; GRY-WHY ANHY
2530 - 40	AS ABOVE
2540 - 50	AS ABOVE
2550 - 60	MUCH RED SHALE, PROBABLY CAVINGST.
2560 - 70	TR GRY F.G. SD; PRES'DLY GRY-WH ANHY.
2570 - 80	DNS CHALKY-WH DOL; GRY-WH ANHY
2580 - 90	TR. " " " " " "
2590 - 00	DNS WH & BUFF DOL W/INCL OF ANHY.
2600 - 2610	MOSTLY WH ANHY; TR WH & BUFF DOL
2610 - 20	TR TITE GRY-WH F.G. SD; GRY-WH ANHY
2620 - 30	GRY-WH ANHY
2630 - 40	" " " " " "
2640 - 50	TITE RED SHY F.G. SAND W/S F.G. GRY SD; DNS-FX ANHY-DOL; GRY ANHY
2650 - 60	AS ABOVE
2660 - 70	AS ABOVE W/ TR SD.

2670 - 2680	AS ABOVE W/ TRACE SAND
2680 - 90	DNS WH SLT ANHYDRITIC DOL; GRV WH ANHY; TR GRN SHALE
2690 - 00	AS ABOVE
2700 - 2710	AS ABOVE ; GREEN SHALE
2710 - 20	AS ABOVE
2720 - 30	DNS TO FX BUFF DOL; RED SDY SH; TR GRV F.C. SD; GRV-WH ANHY
2730 - 40	AS ABOVE
2740 - 50	DOL AS ABOVE; TITE CALC GRV-WH H.G. SD; GRV-WH ANHY
2750 - 60	AS ABOVE
2760 - 70	TAN-BRN FINE XLN POROUS DOL., GRV-WH BANDED ANHY
2770 - 80	AS ABOVE
2780 - 90	DNS TO FINE XLN TAN-BRN ANHYDRITIC DOL; GRV-WH ANHY
2790 - 00	AS ABOVE ;MNY FQ's
2800 - 2810	AS ABOVE
2810 - 20	AS ABOVE
2820 - 30	INSUFFICIENT SAMPLE
2830 - 40	ANHYDRITIC DOL AS ABOVE;;ABUND FQ's; GRV-WH F.C. CALC SD; GRV-WH ANHY.
2840 - 50	AS ABOVE
2850 - 60	AS ABOVE
2860 - 70	DNS TO FINE XLN BUFF & ANHY-DOL STRINGERS; MUCH RED SH CAVINGS; FQ's & GRV-WH ANHY
2870 - 80	AS ABOVE
2880 - 90	PRED ^l LY DENSE BUFF-WH DOL w/s ANHY
2890 - 00	INSUFFICIENT SAMPLE
2900 - 2910	AS ABOVE
2920 - 20	AS ABOVE
2930 - 30	INSUFFICIENT SAMPLE
2940 - 2950	INSUFFICIENT SAMPLES
2950 - 60	GRV-WH ANHY & RED SH CAVINGS
2960 - 70	AS ABOVE
2970 - 80	AS ABOVE
2980 - 90	INSUFFICIENT SAMPLE
2990 - 00	ANHYDRITE & RED SHALE...MOSTLY CAVINGS
3000 - 3010	DNS BUFF-WH AND BROWN FINE XLN DOLOMITIC ANHYDRITE
3010 - 20	AS ABOVE
3020 - 30	LITHOGRAPHIC TO FINE XLN BUFF ANHY- DOL.
3030 - 40	INSUFFICIENT SAMPLE
3040 - 50	LITHOGRAPHIC TO FINE XLN BUFF ANHYDOL.
3050 - 60	INSUFFICIENT SAMPLE
3060 - 70	ANHYDRITIC DOLOMITE AS ABOVE
3070 - 80	BAD SAMPLES...CAVINGS
3080 - 90	" " "
3090 - 00	" " "
3100 - 3255	SAMPLES NO GOOD...CAVINGS & INSUFFICIENT SAMPLES
3255 - 3389	THIS INTERVAL CURED

TOTAL DEPTH: 3389 DRILLER
3390 SCHLJ.

