

UNITED OIL & MINERALS, INC

9/15/99

WELL NAME: NORTH BENSON QUEEN UNIT #7
LEGAL: 2310' FNL & 660' FEL SEC 28, T18S, R30E
EDDY COUNTY, NEW MEXICO

FORMATION TOPS: SALT 530'
QUEEN 2741'
PENROSE 2952'
GRAYBURG 3293'

CASING DETAIL: 7" 24# SET @ 530'. CEMENT CIRCULATED
4 1/2" 9.5# SET @ 3350'. CEMENTED W/ 350 SXS. CALCULATED TO CIRCULATE

PERFS: 2754, 2783, 2972, 2984, 3022, 3267, 3282, 3303, 3311, ALL 1 SPF

DETAIL: A CASING LEAK WAS FOUND FROM 500' TO 561'. THE LEAK HAS BEEN
SQUEEZED THREE TIMES AS OF THIS WRITING. DETAILS AS FOLLOWS:

SQUEEZE#1: PUMPED 150 SXS CLASS C + 2% CACL. CEMENT CIRCULATED TO SURFACE
DRILLED OUT. HAD 21/48BPM @ 250PSI LEAK AFTER SQUEEZE.

SQUEEZE#2: PUMPED 200SXS THIXOTROPIC "H" + 200 SXS "C" W/2% CACL
DRILLED OUT & HAD 0.1BPM @ 350PSI LEAK AFTER SQUEEZE.

SQUEEZE#3: SPOTTED 50 SXS "C" LOW FLUID LOSS CEMENT & SQUEEZED.
DRILLED HARD CEMENT TO 535', FELL THRU TO 540', DRILLED HARD CEMENT
TO 561'. TESTED W/ 18BPM @ 350PSI & BUILDING. WILL FLOW BACK PUMPIN
VOLUME. TOOK 10 BBLs TO BUILD 350PSI.

