

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Fruitland Pictured Cliffs	2946' 3169'	

Perf: 10/24/90

3075'-3088', W/4 JSPPF, .5" diam., 52 shots open.

3134'-3156', W/4 JSPPF, .5" diam., 88 shots open.

Frac: 10/25/90 3075'-3156'

Frac down casing with 92267 gal slick water pad, 51928 gal slick water,
10500# 40/70 sn, 80500# 20/40 sn, AIP 850psi, AIR 72 BPM.

Perf: 10/26/90

2992'-2997', W/4 JSPPF, .5" diam., 20 shots open.

3001'-3008', W/4 JSPPF, .5" diam., 28 shots open.

3018'-3024', W/4 JSPPF, .5" diam., 24 shots open.

3031'-3046', W/4 JSPPF, .5" diam., 60 shots open.

3048'-3054', W/4 JSPPF, .5" diam., 24 shots open.

Frac: 10/28/90

Frac down casing with 104300 gal slick water pad, 40475 gal slick water,
12000# 40/70 brady sn, 59000# 20/40 sn, AIR 80BPM, AIP 1450psi..