

JOHN KLEE

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY FRED POOL, JR. WELL NAME BYRON STATE WELL NO. 1
 DATE OF TEST 10-2-81 TO 10-6-81 FORMATION PENN PAGE 1 OF 1

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3 #21121 RANGE 0 - 5,000 LBS.
 CLOCK NUMBER 17245 RANGE 72 HOURS
 TIME WELL SHUT IN 2150 HOURS 10-2-81
 TIME CLOCK STARTED 1618 HOURS
 DEAD WEIGHT ELEMENT ON SURFACE 1997 LBS.
 TIME ELEMENT REACHED BOTTOM 1705
 DEAD WEIGHT ELEMENT ON BOTTOM 1997 LBS.
 ELEMENT SET AT 6216 FEET.
 TEMPERATURE 6216 FT. 121 °F.
 2017 P.S.I.A. DEAD WEIGHT AT THE END OF 86 HOURS 29 MINUTES.
 RPG3 #7201 PRESSURE 0 - 3,200 LBS.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
10-2-81				2379	13.2		2392
START TEST	0	1750		2342	13.2		2355
	1/4	1805		2314	13.2		2327
	1/2	1820		2314	13.2		2327
	3/4	1835		2317	13.2		2330
END RATE 1	1	1850		2317	13.2		2330
	1-1/4	1905		2283	13.2		2296
	1-1/2	1920		2274	13.2		2287
	1-3/4	1935		2263	13.2		2276
END RATE 2	2	1950		2255	13.2		2268
	2-1/4	2005		2175	13.2		2188
	2-1/2	2020		2170	13.2		2183
	2-3/4	2035		2170	13.2		2183
END RATE 3	3	2050		2170	13.2		2183
	3-1/4	2105		2042	13.2		2055
	3-1/2	2120		2039	13.2		2052
	3-3/4	2135		2039	13.2		2052
END RATE 4	4	2150		2039	13.2		2052
START BUILD UP	0	2150		2039	13.2		2052
	1/4	2205		2283	13.2		2296
	1/2	2220		2329	13.2		2342
	3/4	2235		2353	13.2		2366
	1	2250		2363	13.2		2376
	1-1/4	2305		2365	13.2		2378
	1-1/2	2320		2368	13.2		2381
	1-3/4	2335		2369	13.2		2382
	2	2350		2371	13.2		2384
	3	2450		2371	13.2		2384
10-3-81	4	0150		2372	13.2		2385
	5	0250		2373	13.2		2386
	10	0750		2376	13.2		2389
	15	1250		2377	13.2		2390
	20	1750		2378	13.2		2391
10-5-81	62	1150		2378	13.2		2391