

BENNETT - CATHEY
 Artesia, New Mexico 88210
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY CLEMENTS ENERGY WELL NAME KING 35 WELL NO. 1
 DATE OF TEST 6-23-82 TO 6-26-82 FORMATION MORROW PAGE 1 OF 1

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

RECEIVED
JUL 19 1982

ELEMENT NUMBER RPG3#41552 RANGE 0-6,000 LBS.
 CLOCK NUMBER 19040 RANGE 72 HOURS
 TIME WELL SHUT IN 6-23-82 1600 HOURS
 TIME CLOCK STARTED 6-23-82 1512 HOURS
 DEAD WEIGHT ELEMENT ON SURFACE 1500 LBS. FLOWING O. C. D.
 TIME ELEMENT REACHED BOTTOM 1624 HOURS 6-23-82 ARTESIA, OFFICE
 DEAD WEIGHT ELEMENT ON BOTTOM 1600 LBS. FLOWING LBS.
 ELEMENT SET AT 4,972 FEET.
 TEMPERATURE 4,972 FT. 166 °F.
 DEAD WEIGHT AT THE END OF 71 HOURS 45 MINUTES.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
6-23-82	0	1600		2193	13.2		2206
	5 MIN.	1605		2295	13.2		2308
	10 MIN.	1610		2358	13.2		2371
	15 MIN.	1615		2357	13.2		2370
	30 MIN.	1630		2355	13.2		2378
	45 MIN.	1645		2357	13.2		2370
	1 HR.	1700		2358	13.2		2371
	1 1/4	1715		2357	13.2		2370
	1 1/2	1730		2361	13.2		2374
	1 3/4	1745		2363	13.2		2376
	2	1800		2364	13.2		2377
	2 1/2	1830		2366	13.2		2379
	3	1900		2369	13.2		2382
	3 1/2	1930		2372	13.2		2385
	4	2000		2375	13.2		2388
	4 1/2	2030		2377	13.2		2390
	5	2100		2380	13.2		2393
	6	2200		2386	13.2		2399
	7	2300		2389	13.2		2402
	8	2400		2393	13.2		2407
6-24-82	9	0100		2399	13.2		2412
	10	0200		2402	13.2		2415
	15	0700		2415	13.2		2428
	20	1200		2424	13.2		2437
	25	1700		2431	13.2		2444
	30	2200		2438	13.2		2451
6-25-82	35	0300		2445	13.2		2458
	40	0800		2449	13.2		2462
	42	1000		2450	13.2		2463
	44	1200		2451	13.2		2464
	46	1400		2452	13.2		2465
	48	1600		2452	13.2		2465
	50	1800		2453	13.2		2466
	55	2200		2456	13.2		2464
6-26-82	60	0300		2459	13.2		2472
	65	0800		2461	13.2		2474
	71 3/4	1445		2463	13.2		2476