

HARRY WILLIAMS

SUBSURFACE PRESSURE MEASUREMENTS

JUL 19 1982

COMPANY CLEMENTS ENERGY WELL NAME KINGS 35 WELL NO. 1
DATE OF TEST 6-22-82 TO 6-23-82 FORMATION MORROW **O.C.D.** **ARTESIA, OFFICE** PAGE 1 OF 2

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3 #41552 RANGE 6,000 LBS.
CLOCK NUMBER 19040 RANGE 72 HOURS
TIME WELL SHUT IN 1633 HOURS 6-19-82
TIME CLOCK STARTED 1036 HOURS
DEAD WEIGHT ELEMENT ON SURFACE 1955 PSIA LBS.
TIME ELEMENT REACHED BOTTOM 1100 HOURS
DEAD WEIGHT ELEMENT ON BOTTOM 1955 PSIA LBS.
ELEMENT SET AT 6,971 FEET.
TEMPERATURE 6,971 FT. 166 °F.
DEAD WEIGHT AT THE END OF _____ HOURS _____ MINUTES.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
		1125		2575	13.2		2588
START TEST	0	1200		2575	13.2		2588
	1/4	1215		2548	13.2		2561
	1/2	1230		2543	13.2		2556
	3/4	1245		2534	13.2		2547
END RATE 1	1	1300		2528	13.2		2541
	1-1/4	1315		2503	13.2		2516
	1-1/2	1330		2499	13.2		2512
	1-3/4	1345		2482	13.2		2495
END RATE 2	2	1400		2481	13.2		2494
CHANGE PLATES	FROM 1" TO 2"			2570	13.2		2583
	2-1/4	1430		2476	13.2		2489
	2-1/2	1445		2441	13.2		2454
	2-3/4	1500		2449	13.2		2462
END RATE 3	3	1515		2448	13.2		2461
	3-1/4	1530		2371	13.2		2384
	3-1/2	1545		2375	13.2		2388
	3-3/4	1600		2341	13.2		2354
END RATE 4	4	1615		2328	13.2		2341
START FLOW	0	1615		2328	13.2		2341
TEST	1/4	1630		2327	13.2		2340
	1/2	1656		2339	13.2		2352
	3/4	1700		2331	13.2		2344
	1	1715		2330	13.2		2343
	1-1/4	1730		2322	13.2		2335
	1-1/2	1745		2322	13.2		2335
	1-3/4	1800		2317	13.2		2300
	2	1815		2320	13.2		2333
	2-1/4	1830		2320	13.2		2333
	2-1/2	1845		2316	13.2		2329
	2-3/4	1900		2316	13.2		2329
	3	1915		2311	13.2		2324
	3-1/4	1930		2311	13.2		2324
	3-3/4	2000		2309	13.2		2312
	4-1/4	2030		2298	13.2		2311
	4-3/4	2100		2295	13.2		2308
	5-1/4	2130		2299	13.2		2312