

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY DOYLE HARTMAN WELL NAME SOUTH EMPIRE STATE #1
DATE OF TEST 2-26-81 TO 3-1-81 LOCATION MORROW PAGE 1 OF 2

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3# 46951, 0-7.000 LB. RANGE
TIME WELL SHUT IN 1200 HOURS 2-26-81
TIME CLOCK STARTED 1135
DEAD WEIGHT ELEMENT ON SURFACE _____ LBS.
TIME ELEMENT REACHED BOTTOM 1235
DEAD WEIGHT ELEMENT ON BOTTOM 1642 LBS. SHUT IN
ELEMENT SET AT 10,432 FEET
0 HOUR IS TIME ELEMENT REACHED BOTTOM

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P & PC psig	CORRECTED PRESSURE psig	PRESSURE AT MID-POINT OF PERFORATIONS P.S.I.A
2-26-81	0	1235		2,295	13.2		2,308
	1/4	1250		2,304	13.2		2,317
	1/2	1305		2,313	13.2		2,326
	3/4	1320		2,320	13.2		2,333
	1	1335		2,328	13.2		2,341
	1 1/4	1350		2,335	13.2		2,348
	1 1/2	1405		2,342	13.2		2,355
	1 3/4	1420		2,348	13.2		2,361
	2	1435		2,353	13.2		2,366
	2 1/2	1505		2,362	13.2		2,375
	3	1535		2,367	13.2		2,380
	3 1/2	1605		2,373	13.2		2,386
	4	1635		2,378	13.2		2,391
	4 1/2	1705		2,386	13.2		2,399
	5	1735		2,392	13.2		2,405
	6	1835		2,400	13.2		2,413
	7	1935		2,407	13.2		2,420
	8	2035		2,418	13.2		2,431
	9	2135		2,425	13.2		2,438
	10	2235		2,432	13.2		2,445
2-27-81	12	2435		2,444	13.2		2,457
	14	0235		2,454	13.2		2,467
	16	0435		2,465	13.2		2,478
	18	0635		2,474	13.2		2,487
	20	0835		2,480	13.2		2,493
		1035		2,487	13.2		2,500
	24	1235		2,492	13.2		2,505
	26	1435		2,498	13.2		2,511
	28	1635		2,505	13.2		2,518
	30	1835		2,510	13.2		2,523
	32	2035		2,514	13.2		2,527
	34	2235		2,520	13.2		2,533
2-28-81	36	2425		2,525	13.2		2,538
	38	0235		2,530	13.2		2,543
	40	0435		2,534	13.2		2,547
	42	0635		2,538	13.2		2,551
	44	0835		2,541	13.2		2,554
	46	1035		2,545	13.2		2,558
	48	1235		2,548	13.2		2,561
	50	1435		2,552	13.2		2,565