

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY JAKE L HAMON WELL NAME FEDERAL 33 #1
DATE OF TEST 2-8-81 TO 2-9-81 LOCATION _____ PAGE 1 OF 2

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3# 44631, 0-4,000 LB. RANGE
TIME WELL SHUT IN 0930 2-4-81
TIME CLOCK STARTED 1609
DEAD WEIGHT ELEMENT ON SURFACE 2,697 LBS.
TIME ELEMENT REACHED BOTTOM 1728
DEAD WEIGHT ELEMENT ON BOTTOM 2697 LBS.
ELEMENT SET AT 10,202 FEET
TEMP @ 10,202 FT. = 172 F

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
2-8-81	0	1728		3,455	13.2		3,468
	1	1828		3,458	13.2		3,471
	2	1928		3,461	13.2		3,474
	3	2028		3,463	13.2		3,476
	4	2128		3,464	13.2		3,477
	5	2228		3,466	13.2		3,479
2-9-81	10	0328		3,470	13.2		3,483
	15	0828		3,474	13.2		3,487
	20	1328		3,480	13.2		3,493
	25	1828		3,482	13.2		3,495
	30	2328		3,485	13.2		3,498
2-10-81	35	0428		3,490	13.2		3,503
	40	0928		3,496	13.2		3,509
	44	1428		3,502	13.2		3,515
OPEN CHOKE	44H 28M	1448		3,504	13.2		3,517
START HEAT	44H 47M	1535		3,502	13.2		3,515
START TEST	45H 17M	1605		3,498	13.2		3,511
	45H 32M	1605		3,452	13.2		3,465
	45H 47M	1635		3,438	13.2		3,451
	46H 2M	1650		3,421	13.2		3,434
END RATE1	46H 17M	1705		3,407	13.2		3,420
	46H 32M	1720		3,386	13.2		3,399
	46H 47M	1735		3,366	13.2		3,379
	47H 02M	1750		3,360	13.2		3,373
END RATE2	47H 17M	1805		3,314	13.2		3,327
	47H 32M	1820		3,274	13.2		3,287
	47H 47M	1835		3,197	13.2		3,210
	48H 2M	1850		3,132	13.2		3,145
END RATE3	48H 17M	1905		3,100	13.2		3,113
	48H 32M	1920		3,075	13.2		3,088
	48H 47M	1935		2,992	13.2		3,005
	49H 2M	1950		2,832	13.2		2,845
END RATE4	49H 17M	2005		2,750	13.2		2,763
	49H 30M	2018		2,668	13.2		2,681
	50	0248		2,529	13.2		2,542
	51	2148		2,292	13.2		2,292
	52	2248		1,994	13.2		2,007
	53	2348		1,713	13.2		1,725
2-9-81	54	2448		1,550	13.2		1,563
	55	0148		1,354	13.2		1,367