

BENNETT WIRE LINE SERVICE
Artesia, New Mexico 88210

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY JACK MCCELLAN WELL NAME TRES AMIGO WELL #1
DATE OF TEST 10-1-80 TO 10-3-80 LOCATION _____ PAGE 1 OF _____

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3# 44631, 0-4,000 LB. RANGE
TIME WELL SHUT IN 10-1-80 1500 HOURS FOR BUILD UP
TIME CLOCK STARTED 1315 9-30-80
DEAD WEIGHT ELEMENT ON SURFACE 1244 LBS. 10-1-80, 1045 HOURS
TIME ELEMENT REACHED BOTTOM 1357
DEAD WEIGHT ELEMENT ON BOTTOM 1244 LBS. 10-1-70, 1045 HOURS
ELEMENT SET AT 4,552 FEET
LENGTH OF TIME WELL SHUT IN AT START OF 4 POINT TEST 168 HOURS

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psig	PRESSURE AT MID-POINT OF PERFORATIONS psig
10-1-80	0	1045		1,452	13.2		1,465
END 1ST FLOW	1	1145		1,284	13.2		1,297
END 2ND FLOW	2	1245		1,218	13.2		1,231
END 3RD FLOW	3	1345		1,152	13.2		1,165
END 4TH FLOW	4	1445		1,111	13.2		1,124
STATR BUILD UP	4 1/2	1500		1,109	13.2		1,122
	1/2	1515		1,115	13.2		1,138
	1 1/2	1530		1,142	13.2		1,165
	3/4	1545		1,172	13.2		1,185
	1	1600		1,198	13.2		1,211
	1 1/4	1615		1,214	13.2		1,227
	1 1/2	1630		1,237	13.2		1,250
	1 3/4	1645		1,255	13.2		1,268
	2	1700		1,275	13.2		1,288
	2 1/2	1730		1,297	13.2		1,310
	3	1800		1,314	13.2		1,327
	3 1/2	1830		1,331	13.2		1,344
	4	1900		1,343	13.2		1,356
	4 1/2	1930		1,355	13.2		1,368
	5	2000		1,363	13.2		1,376
	6	2100		1,378	13.2		1,391
	7	2200		1,387	13.2		1,400
	8	2300		1,394	13.2		1,407
	9	2400		1,400	13.2		1,413
10-2-80	10	0100		1,404	13.2		1,417
	11	0200		1,408	13.2		1,421
	12	0300		1,412	13.2		1,425
	13	0400		1,415	13.2		1,428
	14	0500		1,417	13.2		1,430
	15	0600		1,419	13.2		1,432
	20	1100		1,427	13.2		1,440
	25	1600		1,433	13.2		1,446
	30	2100		1,436	13.2		1,449
	35	0200		1,438	13.2		1,451
	40	0700		1,439	13.2		1,452
	45	1200		1,440	13.2		1,453
	48	1500		1,440	13.2		1,453
DEAD WEIGHT AT END OF 48 HOURS				1,170	P.S.I.A.	SURFACE	