

JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONE 505 393-5396

HOBBS, NEW MEXICO 88240

COMPANY: Marathon Oil Company

WELL: Martinez Federal 31, No. 1

FIELD: Undesignated - Morrow

CHRONOLOGICAL PRESSURE DATA

DATE	STATUS OF WELL	TIME	ELAPSED TIME		SURFACE PRESSURE		BHP @ (-7948)		
			HRS.	MIN.	TBG	CSG	11265' PSIG		
1980									
7/15	Shut in. Run Static								
	Gradient w/Tandem								
	Bombs & Hung Bombs								
	@ 11265'	11:45 AM	-	-	3174B	PKR			4312
	Open Well	12:15 PM	2	00	3224 DWT	-			4316
	Flowing	1:15	1	00	-	-			3595
	Started 1st Rate	1:30	1	15	-	BD/D	BW/D	MCF D	3438
	Finished 1st Rate	2:30	1	00	1895	113.52	51.60	2100.73	3065
	& Started 2nd Rate								
	Finished 2nd Rate	3:30	1	00	1956	92.88	61.92	1946.23	3153
	& Started 3rd Rate								
	Finished 3rd Rate	4:30	1	00	2307	41.28	30.96	1512.20	3567
	& Started 4th Rate								
	Finished 4th Rate	5:30	1	00	2416	30.96	30.96	1215.33	3758
	& Shut in for Buildup								
	Shut in	5:45	0	15	-	-			4124
	"	6:00	0	30	-	-			4302
	"	6:30	1	00	-	-			4360
	"	7:30	2	00	-	-			4382
	"	8:30	3	00	-	-			4396
	"	9:30	4	00	-	-			4409
	"	10:30	5	00	-	-			4418
	"	11:30	6	00	-	-			4427
7/16	"	12:30 AM	7	00	-	-			4436
	"	1:30	8	00	-	-			4440
	"	2:30	9	00	-	-			4444
	"	3:30	10	00	-	-			4449
	"	4:30	11	00	-	-			4453
	"	5:30	12	00	-	-			4458
	"	6:30	13	00	-	-			4458
	"	7:30	14	00	-	-			4458
	"	8:30	15	00	-	-			4463
	"	9:30	16	00	-	-			4463
	"	10:30	17	00	-	-			4463
	"	11:30	18	00	-	-			4463
	"	12:30 PM	19	00	-	-			4467
	"	1:30	20	00	-	-			4467
	"	2:30	21	00	-	-			4467