

JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONES 505 393-5396 — 393-8274

HOBBS, NEW MEXICO 88240

COMPANY: Tenneco Oil Company

WELL: Federal KL 17, No. 1

FIELD: Empire - Morrow

CHRONOLOGICAL PRESSURE DATA

DATE	STATUS OF WELL	TIME	ELAPSED TIME HRS.	MIN.	SURFACE PRESSURE TBG	CSG	BHP @ (-6898) 10525' PSIG
1981							
12/14	Shut in. Run Static Gradient w/Tandem Bombs & set Bombs off @ 10402'	11:00 AM	-	-	3030 DWT	PKR	4293
	Started 1st Rate	12:00 N	1	00	3030	MCF/D	4293
	Finished 1st Rate & Started 2nd Rate	1:00 PM	1	00	2865	220.30	4142
	Finished 2nd Rate & Started 3rd Rate	2:00	1	00	2705	382.13	3930
	Finished 3rd Rate & Started 4th Rate	3:00	1	00	2420	565.27	3595
	Finished 4th Rate & Shut in for Buildup	4:00	1	00	1935	859.78	2937
	Shut in	4:02	0	02	-	-	3015
	"	4:04	0	04	-	-	3092
	"	4:06	0	06	-	-	3170
	"	4:08	0	08	-	-	3231
	"	4:10	0	10	-	-	3299
	"	4:12	0	12	-	-	3341
	"	4:14	0	14	-	-	3392
	"	4:16	0	16	-	-	3450
	"	4:18	0	18	-	-	3502
	"	4:20	0	20	-	-	3531
	"	4:22	0	22	-	-	3570
	"	4:24	0	24	-	-	3609
	"	4:26	0	26	-	-	3634
	"	4:28	0	28	-	-	3670
	"	4:30	0	30	-	-	3696
	"	4:32	0	32	-	-	3728
	"	4:34	0	34	-	-	3741
	"	4:36	0	36	-	-	3760
	"	4:38	0	38	-	-	3783
	"	4:40	0	40	-	-	3792
	"	4:42	0	42	-	-	3809
	"	4:44	0	44	-	-	3818
	"	4:46	0	46	-	-	3831
	"	4:48	0	48	-	-	3844
	"	4:50	0	50	-	-	3850
	"	4:52	0	52	-	-	3857
	"	4:54	0	54	-	-	3867
	"	4:56	0	56	-	-	3876
	"	4:58	0	58	-	-	3889
	"	5:00	1	00	-	-	3896
	"	5:15	1	15	-	-	3938
	"	5:30	1	30	-	-	3973