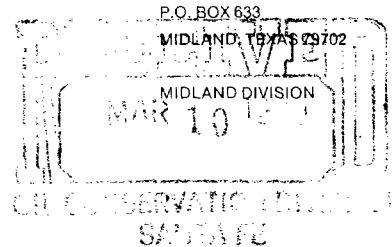


Mobil Exploration & Producing U.S. Inc.

March 6, 1989

State of New Mexico
Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501



Attention: Mr. W. J. LeMay

**INJECTION PRESSURE INCREASE REQUEST
NORTH VACUUM ABO FIELD
NORTH VACUUM ABO UNIT
WELL NO. 143, 149, 163 & 210
LEA COUNTY, NEW MEXICO**

Gentlemen:

Under the provisions of Order No. PMX-138 dated November 12, 1985; and Order No. WFX-557 dated February 11, 1986: permission was granted to inject water into the Abo formation for the subject wells. The order limited the pressure on the injection wells to no more than 0.2 psi. per foot to the uppermost injection interval. A step-rate test for these wells has been completed which shows that higher pressure will not result in migration on the injected fluid from the Abo formation. Permission is requested to increase the injection pressure as follows:

	<u>INJECTION INTERVALS</u>	<u>PRESENT SURFACE INJECTION PRESSURE LIMIT</u>	<u>REQUESTED SURFACE INJECTION PRESSURE LIMIT</u>
Well No. 143 Unit B, Sec. 27 T-17-S, R-34-E Order No. WFX-557	8605-8680'	3619 psig	3875 psig
Well No. 149 Unit J. Sec. 27 T-17-S, R-34-E Order No. WFX-557	8577-8681'	3150 psig	3650 psig
Well No. 163 Unit J. Sec. 15 T-17-S, R-34-E Order No. WFX-557	8704-8756'	3670 psig	4000 psig

State of New Mexico
North Vacuum Abo Unit
Wells No. 143, 149, 163 & 210

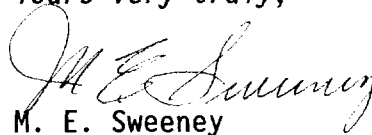
-2-

February 9, 1989

	<u>INJECTION INTERVALS</u>	<u>PRESENT SURFACE INJECTION PRESSURE LIMIT</u>	<u>REQUESTED SURFACE INJECTION PRESSURE LIMIT</u>
Well No. 210 Unit L, Sec. 23 T-17-S, R-34-E Order No. PMX-140	8533-8717'	3600 psig	3950 psig

Enclosed are copies of the Step-rate test.

Yours very truly,



M. E. Sweeney
Environmental & Regulatory Manager

Mobil Exploration & Producing U.S. Inc.
as Agent for
Mobil Producing Texas & New Mexico, Inc.

CCS/arr

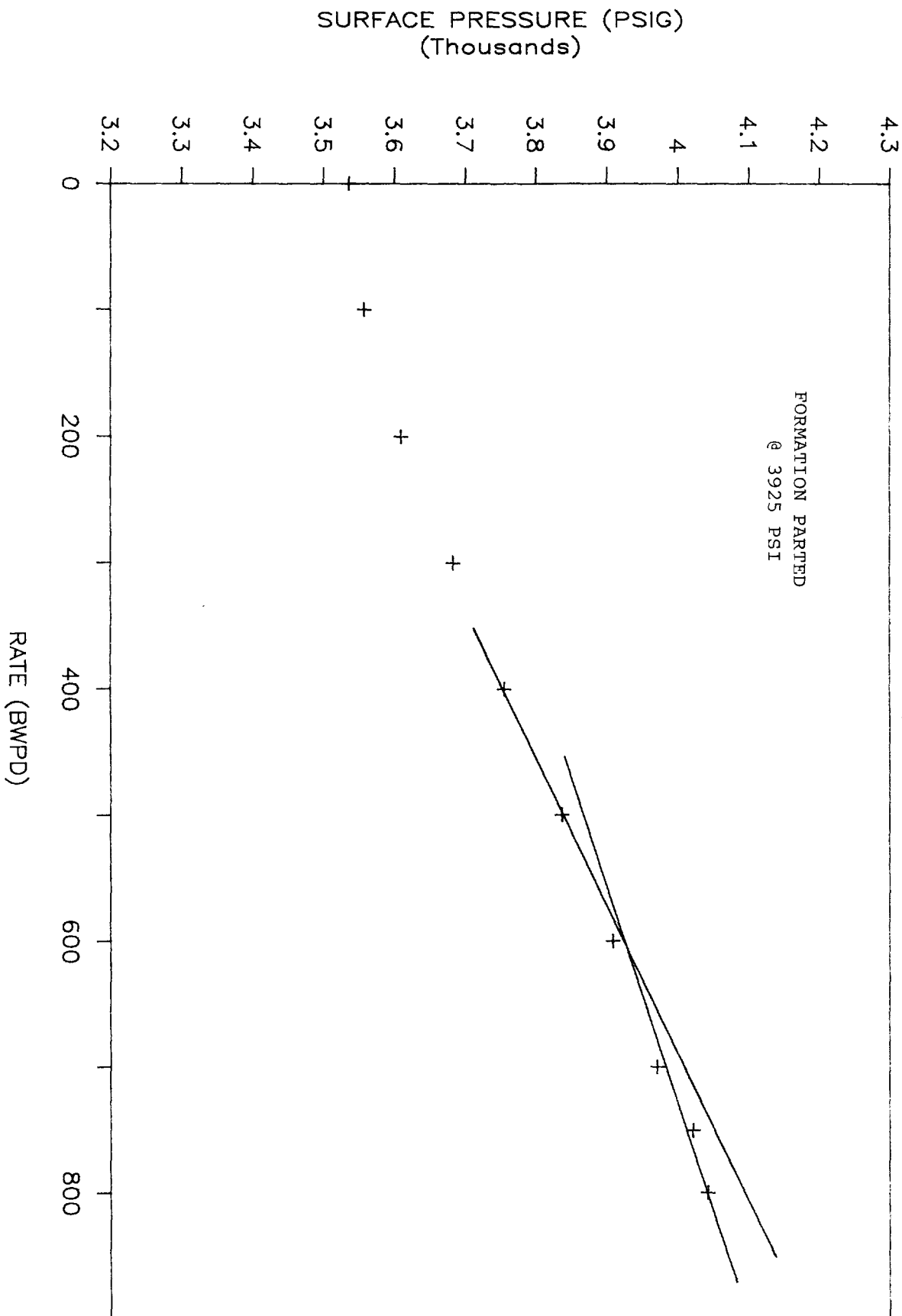
Attachments

cc: District Director OCD - Hobbs

STEP RATE TEST

NVAU #143

FORMATION PARTED
@ 3925 PSI



STEP RATE TEST

COMPANY: MOBIL EXPLORATION AND PRODUCING U.S. INC.
 LEASE: NORTH VACUUM ABO
 WELL NO. 143
 LOCATION: B27-T17S-R34E
 TEST DATE: 2-14-89
 PERFORATIONS: 8605' - 8680'
 TOTAL DEPTH: 8745'
 PLUG BACK TD: 8730'
 PACKER SET AT: 8579'

TIME	SURFACE PRESSURE	RATE (BWPD)
07:30:24	17	0
07:31:24	17	0
07:32:24	17	0
07:33:24	17	0
07:34:24	17	0
07:35:24	17	0
07:36:24	17	0
07:37:24	17	0
07:38:24	17	0
07:39:24	17	0
07:40:24	17	0
07:41:24	17	0
07:42:24	17	0
07:43:24	17	0
07:44:24	17	0
07:45:24	17	0
07:46:24	17	0
07:47:24	18	0
07:48:24	18	0
07:49:24	18	0
07:50:24	18	0
07:51:24	18	0
07:52:24	17	0
07:53:24	17	0
07:54:24	17	0
07:55:24	17	0
07:56:24	17	0
07:57:24	17	0
07:58:24	17	0
07:59:24	17	0
08:00:24	17	0
08:01:24	17	0
08:02:24	18	0
08:03:24	18	0
08:04:24	18	0
08:05:24	18	0
08:06:24	18	0

08:07:24	18	0
08:08:24	17	0
08:09:24	17	0
08:10:24	17	0
08:11:24	17	0
08:12:24	17	0
08:13:24	17	0
08:14:24	17	0
08:15:24	17	0
08:16:24	17	0
08:17:24	17	0
08:18:24	18	0
08:19:24	18	0
08:20:24	18	0
08:21:24	18	0
08:22:24	18	0
08:23:24	18	0
08:24:24	18	0
08:25:24	18	0
08:26:24	18	0
08:27:24	18	0
08:28:24	18	0
08:29:24	18	0
08:30:24	18	0
08:31:24	3543	0
08:32:24	3537	0
08:33:24	3534	0
08:34:24	3532	0
08:35:24	3530	0
08:36:24	3534	0
08:37:24	3534	0
08:38:24	3536	0
08:39:24	3537	100
08:40:24	3538	100
08:41:24	3538	100
08:42:24	3539	100
08:43:24	3540	100
08:44:24	3540	100
08:45:24	3541	100
08:46:24	3541	100
08:47:24	3542	100
08:48:24	3542	100
08:49:24	3542	100
08:50:24	3542	100
08:51:24	3543	100
08:52:24	3554	100
08:53:24	3558	100
08:54:24	3562	200
08:55:24	3563	200
08:56:24	3565	200
08:57:24	3567	200
08:58:24	3568	200
08:59:24	3570	200
09:00:24	3572	200
09:01:24	3573	200
09:02:24	3576	200

09:03:24	3578	200
09:04:24	3580	200
09:05:24	3583	200
09:06:24	3584	200
09:07:24	3604	200
09:08:24	3610	200
09:09:24	3614	300
09:10:24	3619	300
09:11:24	3622	300
09:12:24	3626	300
09:13:24	3629	300
09:14:24	3632	300
09:15:24	3636	300
09:16:24	3639	300
09:17:24	3642	300
09:18:24	3644	300
09:19:24	3647	300
09:20:24	3650	300
09:21:24	3666	300
09:22:24	3677	300
09:23:24	3683	300
09:24:24	3688	400
09:25:24	3692	400
09:26:24	3696	400
09:27:24	3700	400
09:28:24	3704	400
09:29:24	3708	400
09:30:24	3711	400
09:31:24	3709	400
09:32:24	3721	400
09:33:24	3722	400
09:34:24	3731	400
09:35:24	3728	400
09:36:24	3731	400
09:37:24	3757	400
09:38:24	3756	400
09:39:24	3769	500
09:40:24	3769	500
09:41:24	3782	500
09:42:24	3782	500
09:43:24	3789	500
09:44:24	3798	500
09:45:24	3806	500
09:46:24	3810	500
09:47:24	3800	500
09:48:24	3803	500
09:49:24	3806	500
09:50:24	3809	500
09:51:24	3811	500
09:52:24	3834	500
09:53:24	3837	500
09:54:24	3842	600
09:55:24	3846	600
09:56:24	3849	600
09:57:24	3852	600
09:58:24	3855	600

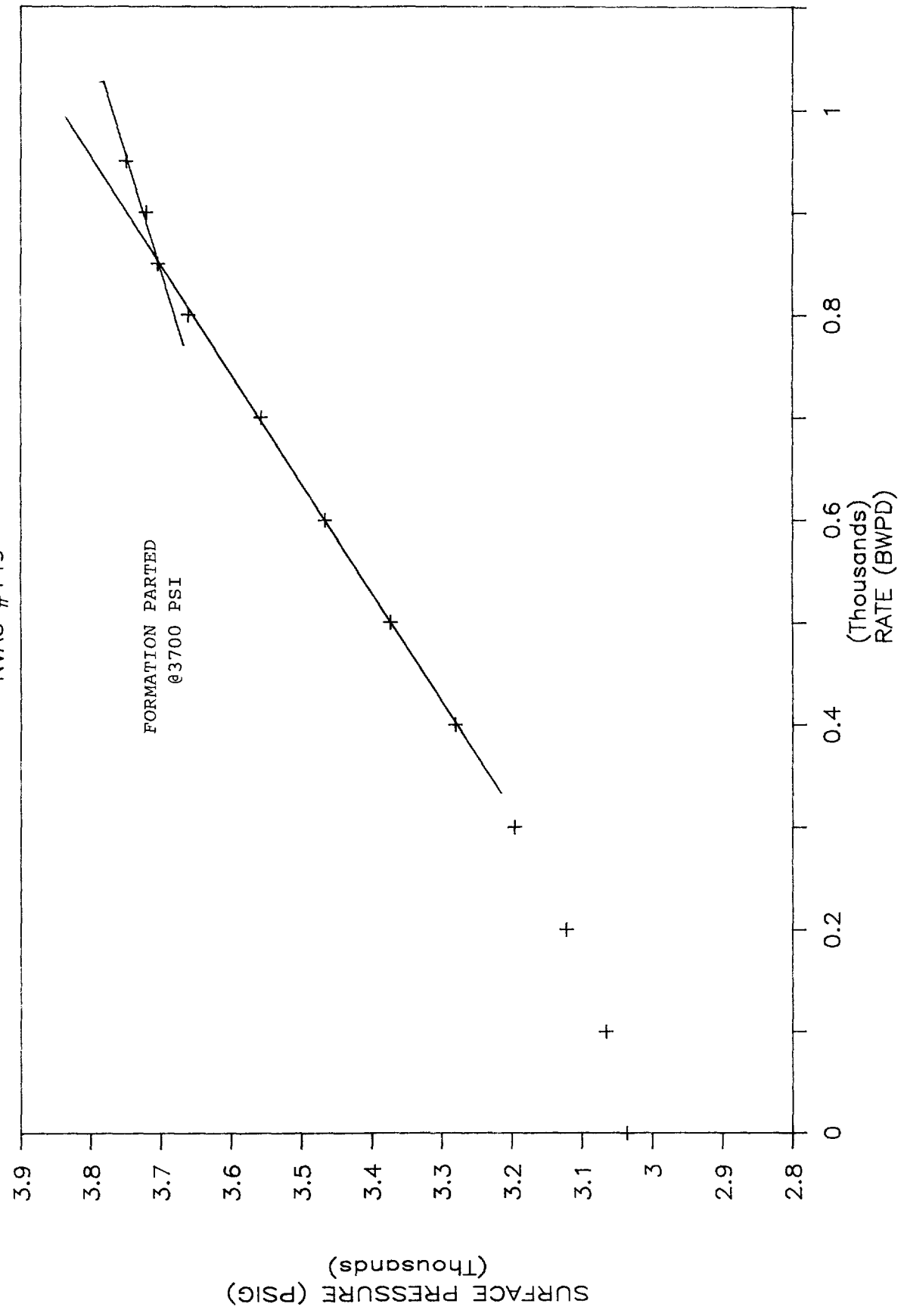
09:59:24	3858	600
10:00:24	3861	600
10:01:24	3864	600
10:02:24	3867	600
10:03:24	3870	600
10:04:24	3873	600
10:05:24	3875	600
10:06:24	3878	600
10:07:24	3910	600
10:08:24	3909	600
10:09:24	3913	700
10:10:24	3916	700
10:11:24	3919	700
10:12:24	3922	700
10:13:24	3925	700
10:14:24	3929	700
10:15:24	3931	700
10:16:24	3937	700
10:17:24	3940	700
10:18:24	3943	700
10:19:24	3946	700
10:20:24	3949	700
10:21:24	3952	700
10:22:24	3965	700
10:23:24	3971	700
10:24:24	3974	750
10:25:24	3977	750
10:26:24	3978	750
10:27:24	3981	750
10:28:24	3984	750
10:29:24	3986	750
10:30:24	3988	750
10:31:24	3992	750
10:32:24	3995	750
10:33:24	3997	750
10:34:24	3999	750
10:35:24	4001	750
10:36:24	4006	750
10:37:24	4020	750
10:38:24	4022	750
10:39:24	4025	800
10:40:24	4027	800
10:41:24	4030	800
10:42:24	4032	800
10:43:24	4034	800
10:44:24	4035	800
10:45:24	4036	800
10:46:24	4037	800
10:47:24	4038	800
10:48:24	4038	800
10:49:24	4038	800
10:50:24	4039	800
10:51:24	4039	800
10:52:24	4043	800
10:53:24	4043	800
10:54:24	4045	0

10:55:24	4045	0
10:56:24	4045	0
10:57:24	3926	0
10:58:24	3931	0
10:59:24	3925	0
11:00:24	3917	0
11:01:24	3909	0
11:02:24	3903	0
11:03:24	54	0
11:04:24	30	0
11:05:24	25	0
11:06:24	23	0
11:07:24	20	0
11:08:24	18	0
11:09:24	17	0
11:10:24	16	0
11:11:24	15	0
11:12:24	14	0
11:13:24	14	0
11:14:24	13	0
11:15:24	14	0
11:16:24	13	0
11:17:24	14	0
11:18:24	14	0
11:19:24	14	0
11:20:24	14	0
11:21:24	13	0
11:22:24	14	0
11:23:24	14	0
11:24:24	14	0
11:25:24	14	0
11:26:24	14	0
11:27:24	14	0
11:28:24	14	0
11:29:24	14	0
11:30:24	14	0
11:31:24	14	0
11:32:24	14	0
11:33:24	14	0
11:34:24	14	0
11:35:24	14	0
11:36:24	14	0
11:37:24	14	0
11:38:24	14	0
11:39:24	14	0
11:40:24	14	0
11:41:24	14	0
11:42:24	14	0
11:43:24	14	0
11:44:24	15	0
11:45:24	14	0
11:46:24	15	0
11:47:24	15	0
11:48:24	15	0
11:49:24	15	0
11:50:24	15	0

11:51:24	15	0
11:52:24	15	0
11:53:24	15	0
11:54:24	13	0
11:55:24	9	0
11:56:24	9	0
11:57:24	9	0
11:58:24	9	0
11:59:24	9	0
12:00:24	9	0
12:01:24	9	0
12:02:24	9	0
12:03:24	10	0
12:04:24	10	0

STEP RATE TEST

NVAU #149



STEP RATE TEST

COMPANY: MOBIL EXPLORATION AND PRODUCING U.S. INC.
LEASE: NORTH VACUUM ABO
WELL NO. 149
LOCATION: J27-T17S-R34E
TEST DATE: 2-14-89
PERFORATIONS: 8577' - 8681'
TOTAL DEPTH: 8750'
PLUG BACK TD: 8708'
PACKER SET AT: 8500'

TIME	SURFACE PRESSURE	RATE (BWPD)
12:05:24	10	0
12:06:24	10	0
12:07:24	10	0
12:08:24	10	0
12:09:24	10	0
12:10:24	10	0
12:11:24	10	0
12:12:24	10	0
12:13:24	10	0
12:14:24	11	0
12:15:24	11	0
12:16:24	11	0
12:17:24	3035	0
12:18:24	3032	0
12:19:24	3028	0
12:20:24	3026	0
12:21:24	3033	0
12:22:24	3034	0
12:23:24	3036	0
12:24:24	3038	100
12:25:24	3039	100
12:26:24	3040	100
12:27:24	3041	100
12:28:24	3042	100
12:29:24	3043	100
12:30:24	3044	100
12:31:24	3045	100
12:32:24	3046	100
12:33:24	3046	100
12:34:24	3047	100
12:35:24	3048	100
12:36:24	3049	100
12:37:24	3062	100
12:38:24	3066	100
12:39:24	3070	200
12:40:24	3073	200
12:41:24	3075	200
12:42:24	3077	200

12:43:24	3080	200
12:44:24	3082	200
12:45:24	3084	200
12:46:24	3087	200
12:47:24	3089	200
12:48:24	3093	200
12:49:24	3094	200
12:50:24	3094	200
12:51:24	3108	200
12:52:24	3117	200
12:53:24	3122	200
12:54:24	3127	300
12:55:24	3131	300
12:56:24	3134	300
12:57:24	3138	300
12:58:24	3141	300
12:59:24	3144	300
13:00:24	3148	300
13:01:24	3151	300
13:02:24	3154	300
13:03:24	3157	300
13:04:24	3160	300
13:05:24	3163	300
13:06:24	3166	300
13:07:24	3190	300
13:08:24	3196	300
13:09:24	3201	400
13:10:24	3206	400
13:11:24	3210	400
13:12:24	3214	400
13:13:24	3218	400
13:14:24	3222	400
13:15:24	3226	400
13:16:24	3230	400
13:17:24	3233	400
13:18:24	3237	400
13:19:24	3241	400
13:20:24	3244	400
13:21:24	3253	400
13:22:24	3275	400
13:23:24	3281	400
13:24:24	3286	500
13:25:24	3291	500
13:26:24	3296	500
13:27:24	3300	500
13:28:24	3304	500
13:29:24	3309	500
13:30:24	3313	500
13:31:24	3317	500
13:32:24	3322	500
13:33:24	3325	500
13:34:24	3329	500
13:35:24	3333	500
13:36:24	3338	500
13:37:24	3366	500
13:38:24	3373	500

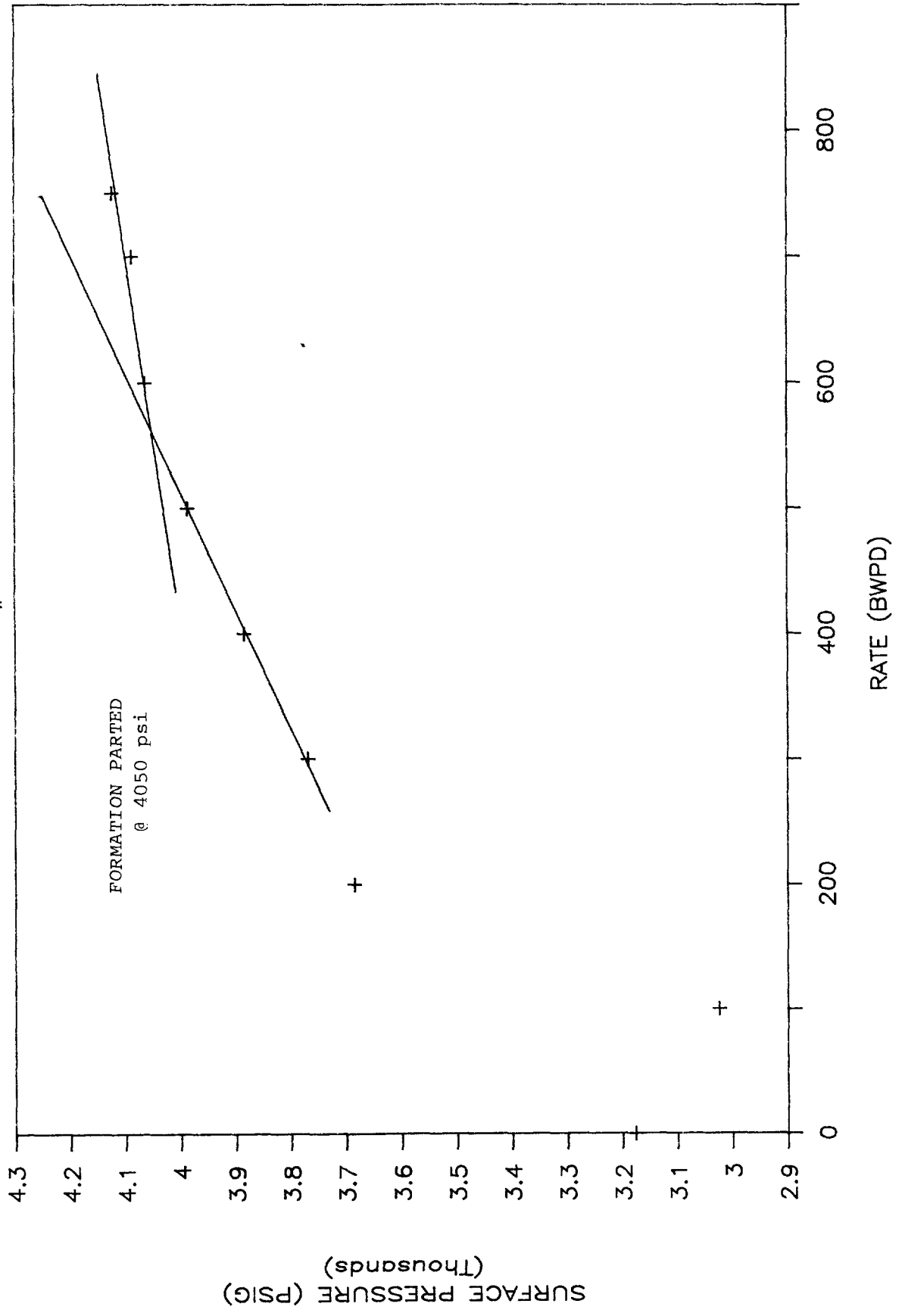
13:39:24	3378	600
13:40:24	3383	600
13:41:24	3388	600
13:42:24	3391	600
13:43:24	3396	600
13:44:24	3400	600
13:45:24	3405	600
13:46:24	3408	600
13:47:24	3412	600
13:48:24	3415	600
13:49:24	3424	600
13:50:24	3428	600
13:51:24	3432	600
13:52:24	3461	600
13:53:24	3466	600
13:54:24	3472	700
13:55:24	3477	700
13:56:24	3480	700
13:57:24	3484	700
13:58:24	3487	700
13:59:24	3491	700
14:00:24	3495	700
14:01:24	3504	700
14:02:24	3509	700
14:03:24	3514	700
14:04:24	3517	700
14:05:24	3520	700
14:06:24	3533	700
14:07:24	3552	700
14:08:24	3557	700
14:09:24	3610	800
14:10:24	3611	800
14:11:24	3614	800
14:12:24	3617	800
14:13:24	3619	800
14:14:24	3622	800
14:15:24	3625	800
14:16:24	3627	800
14:17:24	3630	800
14:18:24	3632	800
14:19:24	3634	800
14:20:24	3637	800
14:21:24	3652	800
14:22:24	3660	800
14:23:24	3661	800
14:24:24	3664	800
14:25:24	3666	800
14:26:24	3659	800
14:27:24	3660	800
14:28:24	3661	800
14:29:24	3662	850
14:30:24	3664	850
14:31:24	3667	850
14:32:24	3669	850
14:33:24	3671	850
14:34:24	3673	850

14:35:24	3673	850
14:36:24	3680	850
14:37:24	3681	850
14:38:24	3682	850
14:39:24	3684	850
14:40:24	3685	850
14:41:24	3686	850
14:42:24	3688	850
14:43:24	3704	850
14:44:24	3706	900
14:45:24	3708	900
14:46:24	3710	900
14:47:24	3711	900
14:48:24	3713	900
14:49:24	3714	900
14:50:24	3715	900
14:51:24	3716	900
14:52:24	3718	900
14:53:24	3718	900
14:54:24	3720	900
14:55:24	3721	900
14:56:24	3723	950
14:57:24	3724	950
14:58:24	3741	950
14:59:24	3743	950
15:00:24	3745	950
15:01:24	3746	950
15:02:24	3747	950
15:03:24	3747	950
15:04:24	3748	950
15:05:24	3749	950
15:06:24	3749	950
15:07:24	3749	950
15:08:24	3750	950
15:09:24	3750	0
15:10:24	3750	0
15:11:24	3751	0
15:12:24	3752	0
15:13:24	3620	0
15:14:24	3612	0
15:15:24	3603	0
15:16:24	3595	0
15:17:24	3588	0
15:18:24	3581	0
15:19:24	34	0
15:20:24	29	0
15:21:24	27	0
15:22:24	24	0
15:23:24	22	0
15:24:24	20	0
15:25:24	19	0
15:26:24	18	0
15:27:24	17	0
15:28:24	16	0
15:29:24	15	0
15:30:24	15	0

15:31:24	15	0
15:32:24	15	0
15:33:24	15	0
15:34:24	15	0
15:35:24	14	0
15:36:24	15	0
15:37:24	15	0
15:38:24	15	0
15:39:24	15	0
15:40:24	15	0
15:41:24	15	0
15:42:24	15	0
15:43:24	15	0
15:44:24	15	0
15:45:24	15	0
15:46:24	15	0
15:47:24	15	0
15:48:24	15	0

STEP RATE TEST

NVAU #163



STEP RATE TEST

COMPANY: MOBIL EXPLORATION AND PRODUCING U.S. INC.
LEASE: NORTH VACUUM ABO
WELL NO. 163
LOCATION: J15-T17S-R34E
TEST DATE: 2-28-89
PERFORATIONS: 8704' - 8756'
TOTAL DEPTH: 8850'
PLUG BACK TD: 8820'
PACKER SET AT: 8653'

TIME	SURFACE PRESSURE	RATE (BWPD)
08:20:13	19	0
08:21:13	19	0
08:22:13	18	0
08:23:13	18	0
08:24:13	18	0
08:25:13	18	0
08:26:13	18	0
08:27:13	19	0
08:28:13	19	0
08:29:13	19	0
08:30:13	19	0
08:31:13	19	0
08:32:13	3280	0
08:33:13	3314	0
08:34:13	3300	0
08:35:13	3284	0
08:36:13	3268	0
08:37:13	3253	0
08:38:13	3240	0
08:39:13	3226	0
08:40:13	3214	0
08:41:13	3202	0
08:42:13	3189	0
08:43:13	3177	0
08:44:13	3165	100
08:45:13	3154	100
08:46:13	3143	100
08:47:13	3132	100
08:48:13	3122	100
08:49:13	3111	100
08:50:13	3099	100
08:51:13	3091	100
08:52:13	3081	100
08:53:13	3071	100

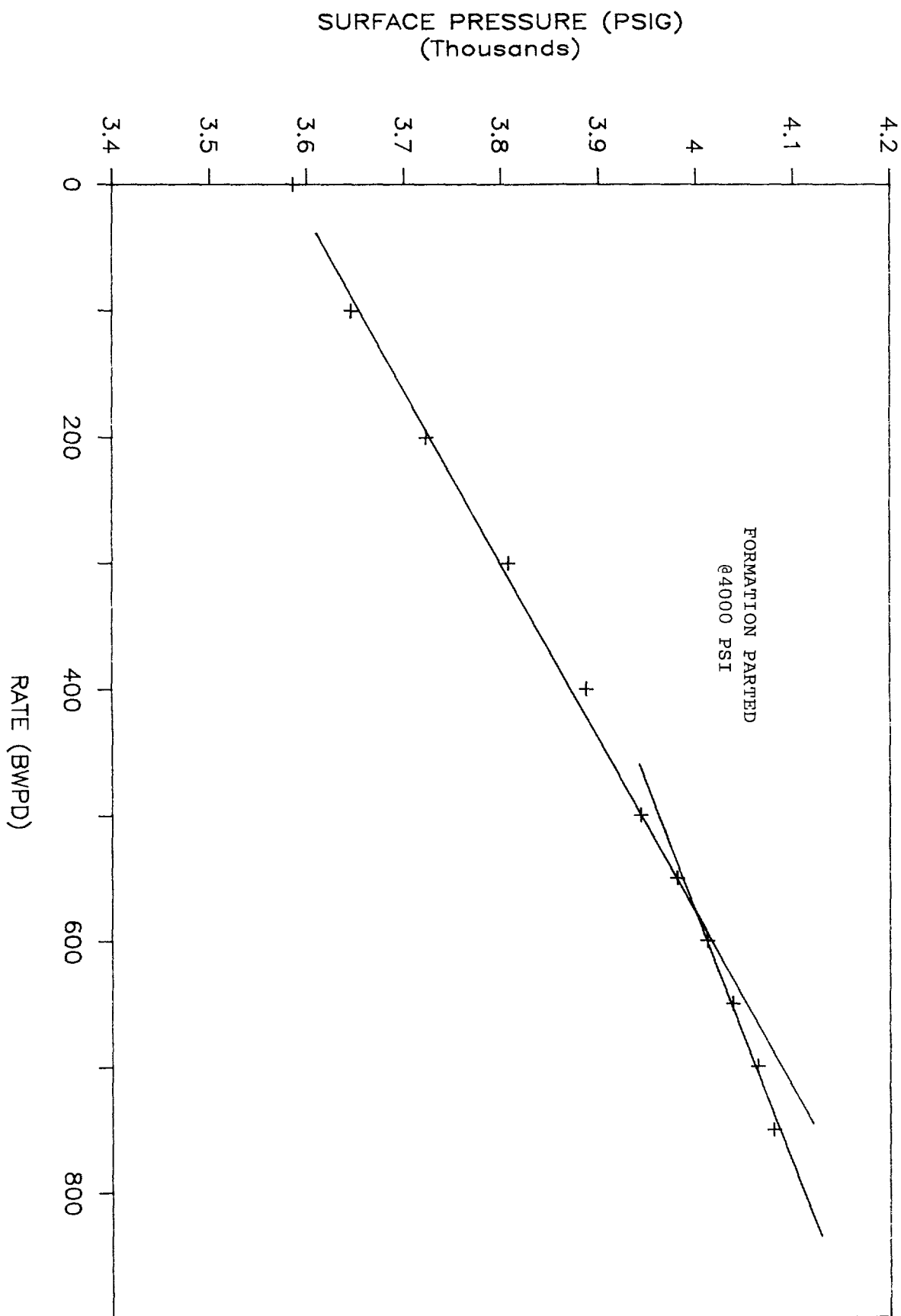
08:54:13	3062	100
08:55:13	3052	100
08:56:13	3043	100
08:57:13	3034	100
08:58:13	3025	100
08:59:13	3016	200
09:00:13	3008	200
09:01:13	3623	200
09:02:13	3632	200
09:03:13	3638	200
09:04:13	3643	200
09:05:13	3648	200
09:06:13	3650	200
09:07:13	3656	200
09:08:13	3660	200
09:09:13	3664	200
09:10:13	3668	200
09:11:13	3671	200
09:12:13	3675	200
09:13:13	3685	200
09:14:13	3688	300
09:15:13	3690	300
09:16:13	3693	300
09:17:13	3700	300
09:18:13	3715	300
09:19:13	3722	300
09:20:13	3728	300
09:21:13	3735	300
09:22:13	3740	300
09:23:13	3746	300
09:24:13	3750	300
09:25:13	3755	300
09:26:13	3760	300
09:27:13	3764	300
09:28:13	3769	300
09:29:13	3772	400
09:30:13	3777	400
09:31:13	3793	400
09:32:13	3802	400
09:33:13	3809	400
09:34:13	3815	400
09:35:13	3821	400
09:36:13	3827	400
09:37:13	3831	400
09:38:13	3836	400
09:39:13	3840	400
09:40:13	3845	400
09:41:13	3863	400
09:42:13	3876	400
09:43:13	3885	400
09:44:13	3891	500
09:45:13	3897	500
09:46:13	3902	500
09:47:13	3908	500
09:48:13	3912	500
09:49:13	3917	500

09:50:13	3922	500
09:51:13	3927	500
09:52:13	3932	500
09:53:13	3936	500
09:54:13	3941	500
09:55:13	3945	500
09:56:13	3966	500
09:57:13	3979	500
09:58:13	3987	500
09:59:13	3993	600
10:00:13	3996	600
10:01:13	4001	600
10:02:13	4005	600
10:03:13	4009	600
10:04:13	4013	600
10:05:13	4016	600
10:06:13	4019	600
10:07:13	4021	600
10:08:13	4024	600
10:09:13	4027	600
10:10:13	4029	600
10:11:13	4033	600
10:12:13	4055	600
10:13:13	4063	600
10:14:13	4067	700
10:15:13	4070	700
10:16:13	4071	700
10:17:13	4072	700
10:18:13	4073	700
10:19:13	4073	700
10:20:13	4074	700
10:21:13	4074	700
10:22:13	4075	700
10:23:13	4076	700
10:24:13	4077	700
10:25:13	4078	700
10:26:13	4081	700
10:27:13	4087	700
10:28:13	4088	700
10:29:13	4088	750
10:30:13	4088	750
10:31:13	4103	750
10:32:13	4110	750
10:33:13	4113	750
10:34:13	4115	750
10:35:13	4118	750
10:36:13	4120	750
10:37:13	4120	750
10:38:13	4121	750
10:39:13	4122	750
10:40:13	4123	0
10:41:13	4127	0
10:42:13	4036	0
10:43:13	4025	0
10:44:13	4019	0
10:45:13	4014	0

10:46:13	4009	0
10:47:13	139	0
10:48:13	143	0
10:49:13	148	0
10:50:13	152	0
10:51:13	154	0
10:52:13	154	0
10:53:13	154	0
10:54:13	154	0
10:55:13	156	0
10:56:13	157	0
10:57:13	158	0
10:58:13	159	0
10:59:13	160	0
11:00:13	161	0
11:01:13	161	0
11:02:13	162	0
11:03:13	163	0
11:04:13	163	0

STEP RATE TEST

NVAU #210



STEP RATE TEST

COMPANY: MOBIL EXPLORATION AND PRODUCING U.S. INC.
 LEASE: NORTH VACUUM ABO
 WELL NO. 210
 LOCATION: L23-T17S-R34E
 TEST DATE: 2-16-89
 PERFORATIONS: 8533' - 8717'
 TOTAL DEPTH: 8800'
 PLUG BACK TD: 8764'
 PACKER SET AT: 8492'

TIME	SURFACE PRESSURE	RATE (BWPD)
10:50:24	36	0
10:51:24	36	0
10:52:24	36	0
10:53:24	37	0
10:54:24	36	0
10:55:24	36	0
10:56:24	36	0
10:57:24	36	0
10:58:24	36	0
10:59:24	36	0
11:00:24	36	0
11:01:24	36	0
11:02:24	37	0
11:03:24	37	0
11:04:24	37	0
11:05:24	37	0
11:06:24	37	0
11:07:24	37	0
11:08:24	37	0
11:09:24	37	0
11:10:24	37	0
11:11:24	37	0
11:12:24	38	0
11:13:24	37	0
11:14:24	38	0
11:15:24	38	0
11:16:24	38	0
11:17:24	38	0
11:18:24	38	0
11:19:24	38	0
11:20:24	38	0
11:21:24	38	0
11:22:24	38	0
11:23:24	38	0
11:24:24	38	0
11:25:24	38	0
11:26:24	38	0
11:27:24	38	0

11:28:24	38	0
11:29:24	38	0
11:30:24	38	0
11:31:24	38	0
11:32:24	38	0
11:33:24	38	0
11:34:24	38	0
11:35:24	39	0
11:36:24	39	0
11:37:24	39	0
11:38:24	39	0
11:39:24	39	0
11:40:24	39	0
11:41:24	38	0
11:42:24	39	0
11:43:24	39	0
11:44:24	39	0
11:45:24	39	0
11:46:24	39	0
11:47:24	39	0
11:48:24	39	0
11:49:24	39	0
11:50:24	39	0
11:51:24	39	0
11:52:24	39	0
11:53:24	38	0
11:54:24	39	0
11:55:24	39	0
11:56:24	39	0
11:57:24	39	0
11:58:24	39	0
11:59:24	39	0
12:00:24	38	0
12:01:24	38	0
12:02:24	38	0
12:03:24	38	0
12:04:24	38	0
12:05:24	38	0
12:06:24	38	0
12:07:24	3553	0
12:08:24	3541	0
12:09:24	3551	0
12:10:24	3558	0
12:11:24	3569	0
12:12:24	3579	0
12:13:24	3586	100
12:14:24	3591	100
12:15:24	3596	100
12:16:24	3599	100
12:17:24	3601	100
12:18:24	3604	100
12:19:24	3607	100
12:20:24	3610	100
12:21:24	3612	100
12:22:24	3614	100
12:23:24	3617	100

12:24:24	3619	100
12:25:24	3621	100
12:26:24	3624	100
12:27:24	3636	100
12:28:24	3646	100
12:29:24	3654	200
12:30:24	3659	200
12:31:24	3662	200
12:32:24	3666	200
12:33:24	3670	200
12:34:24	3674	200
12:35:24	3677	200
12:36:24	3681	200
12:37:24	3684	200
12:38:24	3687	200
12:39:24	3690	200
12:40:24	3694	200
12:41:24	3706	200
12:42:24	3717	200
12:43:24	3723	200
12:44:24	3729	300
12:45:24	3734	300
12:46:24	3739	300
12:47:24	3743	300
12:48:24	3747	300
12:49:24	3751	300
12:50:24	3754	300
12:51:24	3759	300
12:52:24	3764	300
12:53:24	3767	300
12:54:24	3770	300
12:55:24	3775	300
12:56:24	3791	300
12:57:24	3800	300
12:58:24	3808	300
12:59:24	3814	400
13:00:24	3819	400
13:01:24	3823	400
13:02:24	3828	400
13:03:24	3834	400
13:04:24	3839	400
13:05:24	3844	400
13:06:24	3848	400
13:07:24	3852	400
13:08:24	3855	400
13:09:24	3859	400
13:10:24	3863	400
13:11:24	3866	400
13:12:24	3883	400
13:13:24	3888	400
13:14:24	3894	500
13:15:24	3897	500
13:16:24	3900	500
13:17:24	3904	500
13:18:24	3907	500
13:19:24	3910	500

13:20:24	3917	500
13:21:24	3920	500
13:22:24	3922	500
13:23:24	3926	500
13:24:24	3929	500
13:25:24	3931	500
13:26:24	3934	500
13:27:24	3941	500
13:28:24	3944	500
13:29:24	3947	550
13:30:24	3950	550
13:31:24	3951	550
13:32:24	3954	550
13:33:24	3956	550
13:34:24	3959	550
13:35:24	3961	550
13:36:24	3963	550
13:37:24	3964	550
13:38:24	3965	550
13:39:24	3967	550
13:40:24	3968	550
13:41:24	3970	550
13:42:24	3978	550
13:43:24	3981	550
13:44:24	3984	600
13:45:24	3986	600
13:46:24	3987	600
13:47:24	3988	600
13:48:24	3989	600
13:49:24	3991	600
13:50:24	3992	600
13:51:24	3993	600
13:52:24	3994	600
13:53:24	3996	600
13:54:24	3997	600
13:55:24	3998	600
13:56:24	4001	600
13:57:24	4010	600
13:58:24	4012	600
13:59:24	4014	650
14:00:24	4015	650
14:01:24	4016	650
14:02:24	4017	650
14:03:24	4018	650
14:04:24	4019	650
14:05:24	4020	650
14:06:24	4021	650
14:07:24	4022	650
14:08:24	4025	650
14:09:24	4025	650
14:10:24	4026	650
14:11:24	4030	650
14:12:24	4036	650
14:13:24	4038	650
14:14:24	4040	700
14:15:24	4042	700

14:16:24	4042	700
14:17:24	4044	700
14:18:24	4044	700
14:19:24	4046	700
14:20:24	4047	700
14:21:24	4048	700
14:22:24	4049	700
14:23:24	4051	700
14:24:24	4051	700
14:25:24	4052	700
14:26:24	4057	700
14:27:24	4064	700
14:28:24	4064	700
14:29:24	4066	750
14:30:24	4067	750
14:31:24	4067	750
14:32:24	4071	750
14:33:24	4072	750
14:34:24	4072	750
14:35:24	4075	750
14:36:24	4077	750
14:37:24	4078	750
14:38:24	4080	750
14:39:24	4080	750
14:40:24	4081	7
14:41:24	4086	0
14:42:24	4032	0
14:43:24	4028	0
14:44:24	4023	0
14:45:24	4022	0
14:46:24	4020	0
14:47:24	4019	0
14:48:24	4018	0
14:49:24	304	0
14:50:24	139	0
14:51:24	141	0
14:52:24	150	0
14:53:24	151	0
14:54:24	152	0
14:55:24	153	0
14:56:24	155	0
14:57:24	155	0
14:58:24	155	0
14:59:24	155	0
15:00:24	154	0
15:01:24	149	0
15:02:24	150	0
15:03:24	151	0
15:04:24	152	0
15:05:24	152	0
15:06:24	153	0
15:07:24	155	0
15:08:24	160	0
15:09:24	162	0
15:10:24	163	0
15:11:24	163	0

0
0
0

164
165
166

15:12:24
15:13:24
15:14:24



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE
April 3, 1989

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88240
(505) 393-6161

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504-2088

RE: APPLICATION FOR PRESSURE LIMIT INCREASE FOR DISPOSAL & INJECTION WELLS

Gentlemen:

I have examined the step rate test for the:

Mobil Exploration & Producing U.S. Inc. North Vacuum Abo Unit #143-B	27-17-34
Operator	Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Very truly yours

Jerry Sexton
Supervisor, District I

/bp



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

April 3, 1989

GARREY CARRUTHERS
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(505) 393-6161

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504-2088

RE: APPLICATION FOR PRESSURE LIMIT INCREASE FOR DISPOSAL & INJECTION WELLS

Gentlemen:

I have examined the step rate test for the:

Mobil Exploration & Producing U.S. Inc.	North Vacuum Abo Unit #149-J	27-17-34
Operator	Lease & Well No.	Unit S-T-R

and my recommendations are as follows:

OK

Very truly yours

Jerry Sexton
Supervisor, District I

/bp



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

April 3, 1989

GARREY CARRUTHERS
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HOBBS, NEW MEXICO 88240
(505) 393-6161

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504-2088

RE: APPLICATION FOR PRESSURE LIMIT INCREASE FOR DISPOSAL & INJECTION WELLS

Gentlemen:

I have examined the step rate test for the:

<u>Mobil Exploration & Producing U.S. Inc North Vacuum Abo Unit #163-J 15-17-34</u>			
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

OK

Very truly yours

Jerry Sexton
Supervisor, District I

/bp



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE
April 3, 1989

GARREY CARRUTHERS
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POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88240
(505) 393-6161

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504-2088

RE: APPLICATION FOR PRESSURE LIMIT INCREASE FOR DISPOSAL & INJECTION WELLS

Gentlemen:

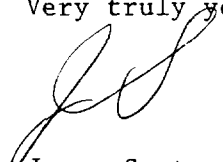
I have examined the step rate test for the:

Mobil Exploration & Producing U.S. Inc. North Vacuum Abo Unit #210-L	23-17-34
Operator	Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Very truly yours


Jerry Sexton
Supervisor, District I

/bp