

Mobil Exploration & Producing U.S. Inc.

P.O. BOX 633
MIDLAND, TEXAS 79702

May 12, 1989

MIDLAND DIVISION

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

Attention: Mr. W. J. LeMay

RECEIVED

MAY 17 1989

**OIL CONSERVATION DIV.
SANTA FE**

**INJECTION PRESSURE INCREASE REQUEST
NORTH VACUUM ABO FIELD
NORTH VACUUM UNIT
WELL NO. 121, 158, 203, 204
LEA COUNTY, NEW MEXICO**

Gentlemen:

Under the provisions of Order No. WFX-557 dated February 11, 1986; and Order No. PMX-140 dated March 7, 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 of 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. 121 UNIT L, SEC. 13 T-17-S, R-34-E Order No. WFX-557	8485-8600'	3190 psig	3450 psig
WELL No. 158 UNIT J SEC. 12 T-17-S, R-34-E Order No. PMX-140	8531-8602'	3530 psig	3910 psig

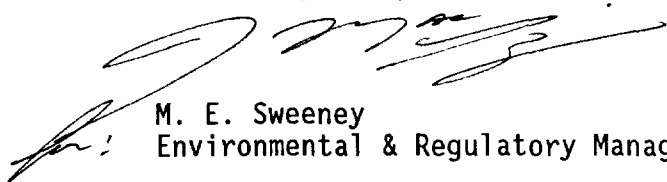
State of New Mexico
North Vacuum Abo Unit

-2-

	<u>INJECTION INTERVALS</u>	<u>PRESENT SURFACE INJECTION PRESSURE LIMIT</u>	<u>REQUESTED SURFACE INJECTION PRESSURE LIMIT</u>
WELL No. 203 UNIT B SEC. 22 T-17-S, R-34-E Order No. WFX-557	8692-8764'	3550 psig	3920 psig
WELL No. 204 UNIT D SEC. 24 T-17-S, R-34-E Order No. WFX-557	8484-8537'	3945 psig	4275 psig

Enclosed are copies of the Step-rate test.

Yours very truly,



M. E. Sweeney
Environmental & Regulatory Manager

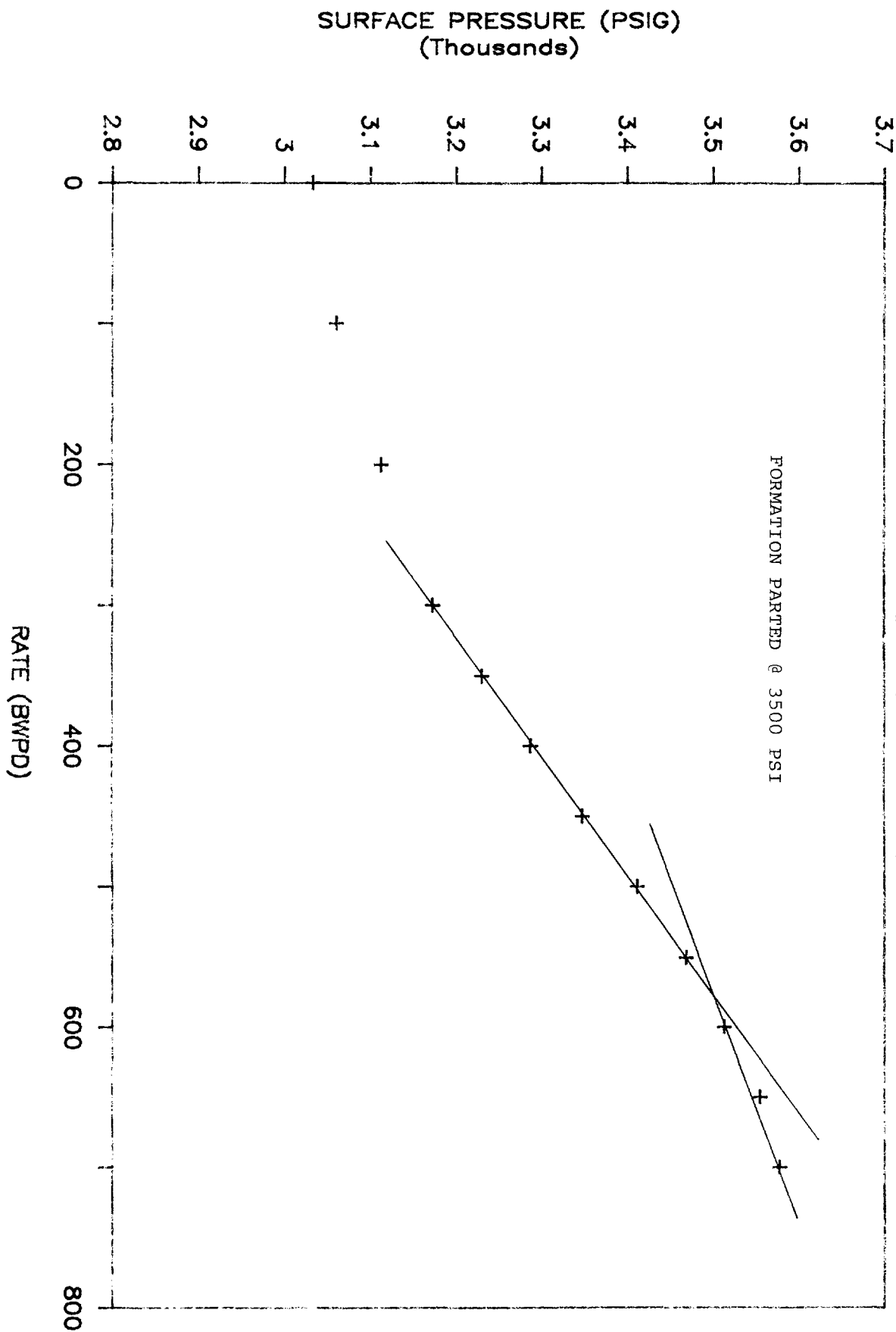
Mobil Exploration & Producing U.S. Inc.
as Agent for
Mobil Producing Texas & New Mexico, Inc.

CCSmith/jlt

Attachments
cc: District Director OCD - Hobbs

STEP RATE TEST

NVAU #121 (Run 5-4-89)



STEP RATE TEST

COMPANY: MOBIL EXPLORATION & PRODUCING U.S. INC.
LEASE: NORTH VACUUM ABO
WELL NO. 121
LOCATION: L13-T17S-R34E
TEST DATE: 05-4-89
PERFORATIONS: 8485' - 8600'
TOTAL DEPTH: 10550'
PLUG BACK TD: 9400'
PACKER SET AT: 8400'
CIBP: 9425'

TIME	SURFACE PRESSURE	RATE (BWPD)
06:51:24	28	0
06:52:24	28	0
06:53:24	28	0
06:54:24	28	0
06:55:24	28	0
06:56:24	28	0
06:57:24	28	0
06:58:24	28	0
06:59:24	28	0
07:00:24	28	0
07:01:24	28	0
07:02:24	28	0
07:03:24	28	0
07:04:24	29	0
07:05:24	29	0
07:06:24	29	0
07:07:24	29	0
07:08:24	29	0
07:09:24	29	0
07:10:24	29	0
07:11:24	29	0
07:12:24	29	0
07:13:24	29	0
07:14:24	29	0
07:15:24	29	0
07:16:24	3028	0
07:17:24	3028	0
07:18:24	3030	0
07:19:24	3030	0
07:20:24	3029	0
07:21:24	3033	0
07:22:24	3031	0
07:23:24	3033	0
07:24:24	3034	100
07:25:24	3034	100
07:26:24	3035	100

07:27:24	3036	100
07:28:24	3037	100
07:29:24	3037	100
07:30:24	3038	100
07:31:24	3038	100
07:32:24	3039	100
07:33:24	3039	100
07:34:24	3040	100
07:35:24	3041	100
07:36:24	3042	100
07:37:24	3057	100
07:38:24	3061	100
07:39:24	3065	200
07:40:24	3068	200
07:41:24	3071	200
07:42:24	3074	200
07:43:24	3076	200
07:44:24	3078	200
07:45:24	3081	200
07:46:24	3083	200
07:47:24	3086	200
07:48:24	3088	200
07:49:24	3088	200
07:50:24	3088	200
07:51:24	3092	200
07:52:24	3104	200
07:53:24	3113	200
07:54:24	3118	300
07:55:24	3122	300
07:56:24	3126	300
07:57:24	3130	300
07:58:24	3133	300
07:59:24	3137	300
08:00:24	3140	300
08:01:24	3144	300
08:02:24	3147	300
08:03:24	3149	300
08:04:24	3153	300
08:05:24	3155	300
08:06:24	3158	300
08:07:24	3169	300
08:08:24	3173	300
08:09:24	3178	350
08:10:24	3182	350
08:11:24	3185	350
08:12:24	3189	350
08:13:24	3192	350
08:14:24	3194	350
08:15:24	3198	350
08:16:24	3201	350
08:17:24	3204	350
08:18:24	3207	350
08:19:24	3210	350
08:20:24	3212	350
08:21:24	3216	350
08:22:24	3226	350

08:23:24	3231	350
08:24:24	3235	400
08:25:24	3239	400
08:26:24	3242	400
08:27:24	3245	400
08:28:24	3249	400
08:29:24	3252	400
08:30:24	3255	400
08:31:24	3257	400
08:32:24	3261	400
08:33:24	3264	400
08:34:24	3267	400
08:35:24	3269	400
08:36:24	3272	400
08:37:24	3282	400
08:38:24	3288	400
08:39:24	3293	450
08:40:24	3296	450
08:41:24	3300	450
08:42:24	3304	450
08:43:24	3307	450
08:44:24	3311	450
08:45:24	3313	450
08:46:24	3317	450
08:47:24	3320	450
08:48:24	3322	450
08:49:24	3326	450
08:50:24	3328	450
08:51:24	3331	450
08:52:24	3344	450
08:53:24	3348	450
08:54:24	3353	500
08:55:24	3357	500
08:56:24	3361	500
08:57:24	3365	500
08:58:24	3368	500
08:59:24	3372	500
09:00:24	3376	500
09:01:24	3379	500
09:02:24	3382	500
09:03:24	3385	500
09:04:24	3388	500
09:05:24	3391	500
09:06:24	3394	500
09:07:24	3406	500
09:08:24	3412	500
09:09:24	3416	550
09:10:24	3421	550
09:11:24	3424	550
09:12:24	3428	550
09:13:24	3431	550
09:14:24	3435	550
09:15:24	3438	550
09:16:24	3442	550
09:17:24	3445	550
09:18:24	3449	550

09:19:24	3451	550
09:20:24	3452	550
09:21:24	3454	550
09:22:24	3465	550
09:23:24	3469	550
09:24:24	3472	600
09:25:24	3475	600
09:26:24	3476	600
09:27:24	3478	600
09:28:24	3480	600
09:29:24	3483	600
09:30:24	3484	600
09:31:24	3487	600
09:32:24	3489	600
09:33:24	3492	600
09:34:24	3493	600
09:35:24	3496	600
09:36:24	3498	600
09:37:24	3509	600
09:38:24	3513	600
09:39:24	3517	650
09:40:24	3521	650
09:41:24	3524	650
09:42:24	3527	650
09:43:24	3529	650
09:44:24	3531	650
09:45:24	3533	650
09:46:24	3536	650
09:47:24	3539	650
09:48:24	3541	650
09:49:24	3544	650
09:50:24	3546	650
09:51:24	3549	650
09:52:24	3553	650
09:53:24	3555	650
09:54:24	3557	700
09:55:24	3558	700
09:56:24	3560	700
09:57:24	3561	700
09:58:24	3562	700
09:59:24	3565	700
10:00:24	3565	700
10:01:24	3566	700
10:02:24	3568	700
10:03:24	3569	700
10:04:24	3573	700
10:05:24	3573	700
10:06:24	3574	700
10:07:24	3575	700
10:08:24	3577	700
10:09:24	3577	0
10:10:24	3564	0
10:11:24	3552	0
10:12:24	3541	0
10:13:24	3538	0
10:14:24	3533	0

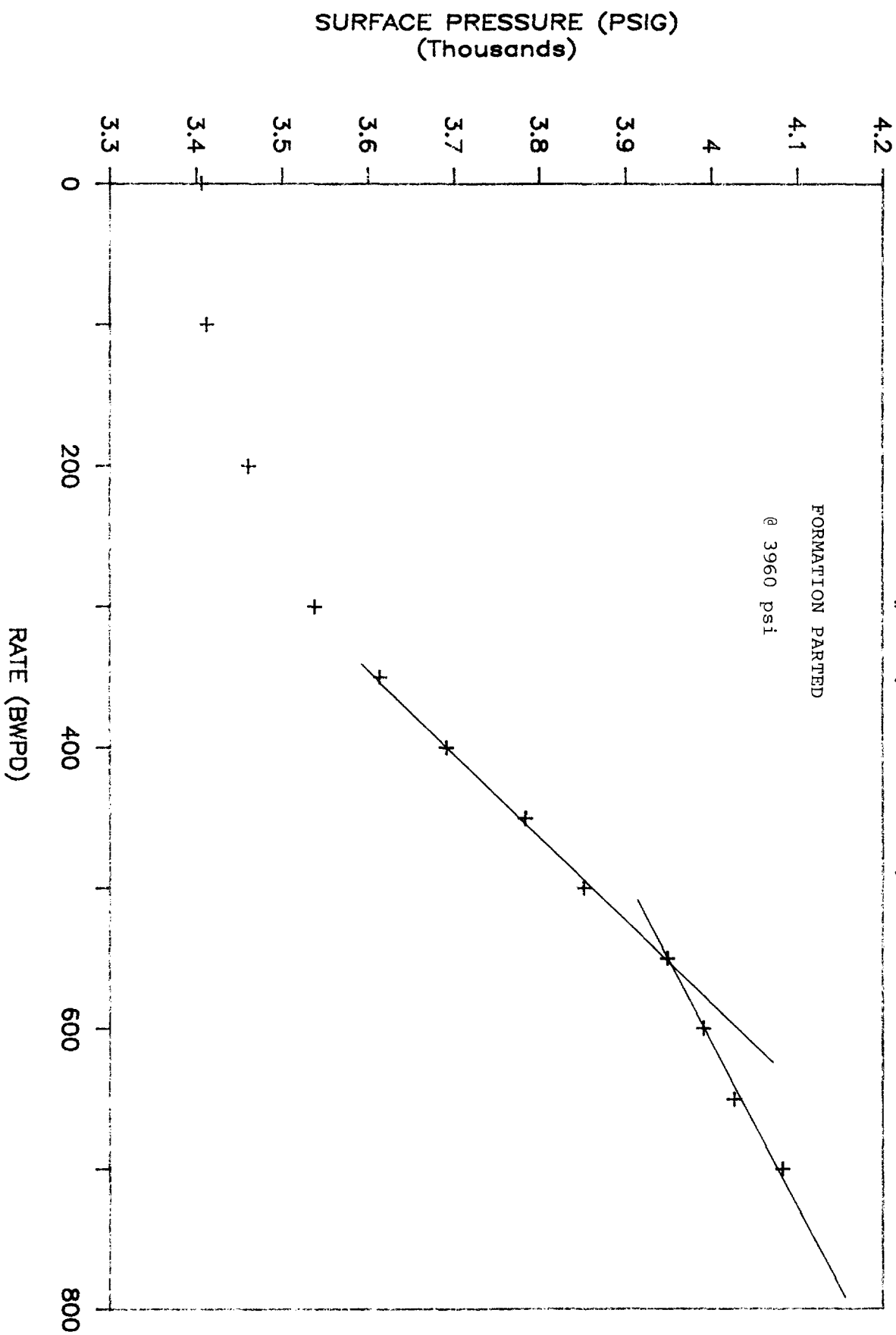
10:15:24
10:16:24

3527
3525

0
0

STEP RATE TEST

NVAU #158 (Run 05-03-89)



STEP RATE TEST

COMPANY: MOBIL EXPLORATION & PRODUCING U.S. INC.
LEASE: NORTH VACUUM ABO
WELL NO. 158
LOCATION: J12-T17S-R34E
TEST DATE: 05-3-89
PERFORATIONS: 8531' - 8602'
TOTAL DEPTH: 11800'
PLUG BACK TD: 8700'
PACKER SET AT: 8481'
CIPB: 8735'

TIME	SURFACE PRESSURE	RATE (BWPD)
07:11:24	31	0
07:12:24	31	0
07:13:24	31	0
07:14:24	31	0
07:15:24	31	0
07:16:24	31	0
07:17:24	31	0
07:18:24	31	0
07:19:24	31	0
07:20:24	31	0
07:21:24	31	0
07:22:24	31	0
07:23:24	32	0
07:24:24	32	0
07:25:24	32	0
07:26:24	32	0
07:27:24	32	0
07:28:24	32	0
07:29:24	32	0
07:30:24	3446	0
07:31:24	3449	0
07:32:24	3452	0
07:33:24	3416	0
07:34:24	3416	0
07:35:24	3404	0
07:36:24	3408	0
07:37:24	3407	0
07:38:24	3406	0
07:39:24	3404	100
07:40:24	3403	100
07:41:24	3401	100
07:42:24	3400	100
07:43:24	3399	100
07:44:24	3399	100
07:45:24	3397	100

07:46:24	3397	100
07:47:24	3396	100
07:48:24	3395	100
07:49:24	3395	100
07:50:24	3394	100
07:51:24	3393	100
07:52:24	3405	100
07:53:24	3412	100
07:54:24	3416	200
07:55:24	3419	200
07:56:24	3421	200
07:57:24	3423	200
07:58:24	3427	200
07:59:24	3428	200
08:00:24	3430	200
08:01:24	3432	200
08:02:24	3434	200
08:03:24	3434	200
08:04:24	3436	200
08:05:24	3438	200
08:06:24	3440	200
08:07:24	3443	200
08:08:24	3461	200
08:09:24	3468	300
08:10:24	3474	300
08:11:24	3479	300
08:12:24	3483	300
08:13:24	3487	300
08:14:24	3492	300
08:15:24	3496	300
08:16:24	3500	300
08:17:24	3503	300
08:18:24	3507	300
08:19:24	3509	300
08:20:24	3512	300
08:21:24	3517	300
08:22:24	3531	300
08:23:24	3538	300
08:24:24	3543	350
08:25:24	3549	350
08:26:24	3552	350
08:27:24	3556	350
08:28:24	3562	350
08:29:24	3565	350
08:30:24	3569	350
08:31:24	3573	350
08:32:24	3576	350
08:33:24	3580	350
08:34:24	3583	350
08:35:24	3587	350
08:36:24	3590	350
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08:39:24	3619	400
08:40:24	3625	400
08:41:24	3629	400

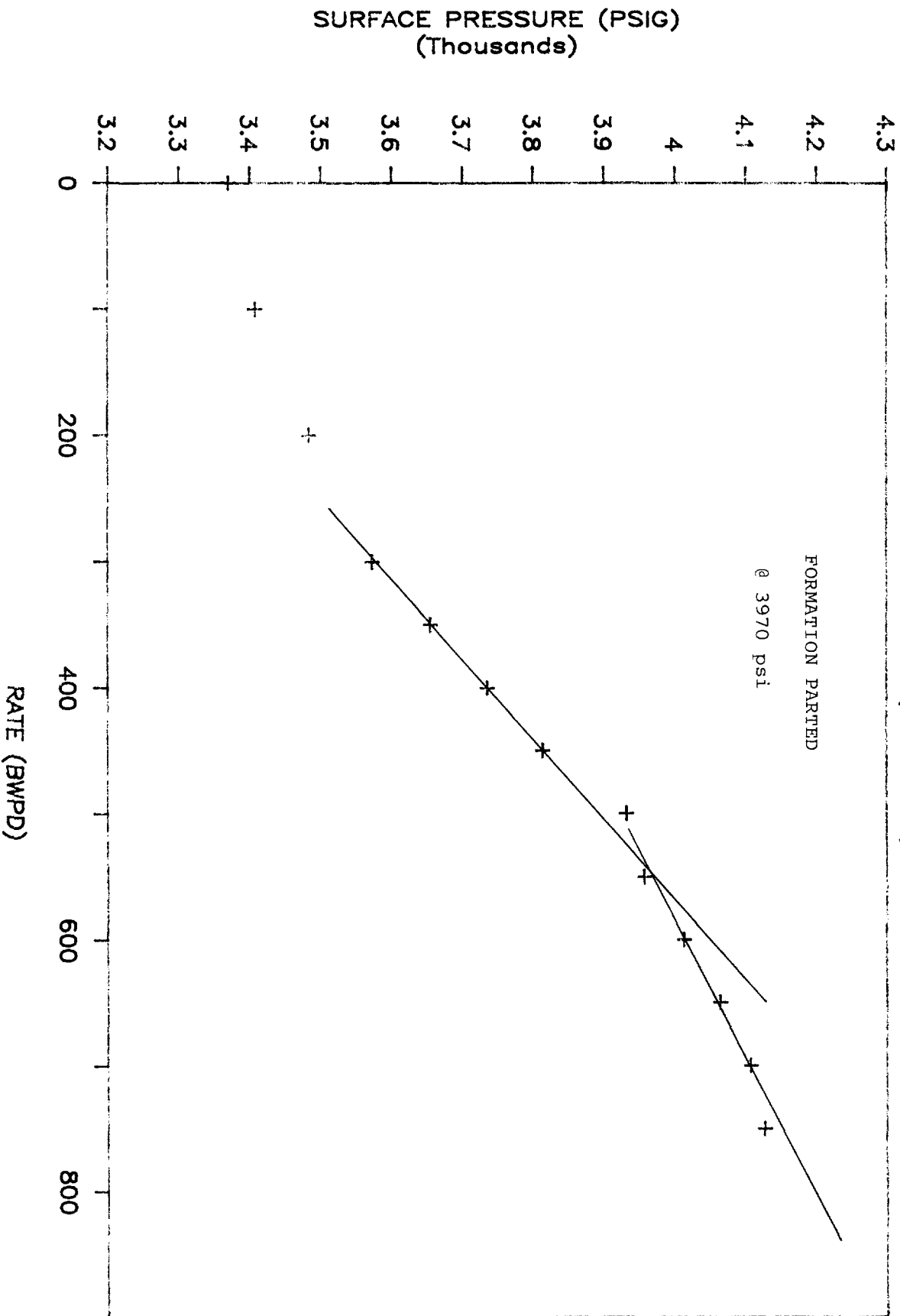
08:42:24	3633	400
08:43:24	3636	400
08:44:24	3642	400
08:45:24	3646	400
08:46:24	3650	400
08:47:24	3654	400
08:48:24	3658	400
08:49:24	3662	400
08:50:24	3666	400
08:51:24	3669	400
08:52:24	3685	400
08:53:24	3692	400
08:54:24	3697	450
08:55:24	3703	450
08:56:24	3707	450
08:57:24	3712	450
08:58:24	3717	450
08:59:24	3722	450
09:00:24	3725	450
09:01:24	3729	450
09:02:24	3733	450
09:03:24	3736	450
09:04:24	3745	450
09:05:24	3753	450
09:06:24	3765	450
09:07:24	3772	450
09:08:24	3784	450
09:09:24	3789	500
09:10:24	3793	500
09:11:24	3798	500
09:12:24	3804	500
09:13:24	3808	500
09:14:24	3812	500
09:15:24	3815	500
09:16:24	3820	500
09:17:24	3824	500
09:18:24	3829	500
09:19:24	3833	500
09:20:24	3839	500
09:21:24	3844	500
09:22:24	3849	500
09:23:24	3852	500
09:24:24	3859	550
09:25:24	3864	550
09:26:24	3868	550
09:27:24	3871	550
09:28:24	3875	550
09:29:24	3880	550
09:30:24	3884	550
09:31:24	3889	550
09:32:24	3896	550
09:33:24	3906	550
09:34:24	3914	550
09:35:24	3922	550
09:36:24	3931	550
09:37:24	3943	550

09:38:24	3949	550
09:39:24	3900	600
09:40:24	3904	600
09:41:24	3908	600
09:42:24	3912	600
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09:44:24	3919	600
09:45:24	3922	600
09:46:24	3926	600
09:47:24	3929	600
09:48:24	3932	600
09:49:24	3935	600
09:50:24	3938	600
09:51:24	3941	600
09:52:24	3984	600
09:53:24	3991	600
09:54:24	3997	650
09:55:24	4001	650
09:56:24	4006	650
09:57:24	4009	650
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09:59:24	4013	650
10:00:24	4013	650
10:01:24	4017	650
10:02:24	4018	650
10:03:24	4020	650
10:04:24	4021	650
10:05:24	4023	650
10:06:24	4023	650
10:07:24	4025	650
10:08:24	4027	650
10:09:24	4029	700
10:10:24	4031	700
10:11:24	4034	700
10:12:24	4037	700
10:13:24	4041	700
10:14:24	4043	700
10:15:24	4046	700
10:16:24	4051	700
10:17:24	4062	700
10:18:24	4066	700
10:19:24	4069	700
10:20:24	4073	700
10:21:24	4076	700
10:22:24	4081	700
10:23:24	4083	700
10:24:24	4085	0
10:25:24	4066	0
10:26:24	4047	0
10:27:24	4035	0
10:28:24	66	0
10:29:24	52	0
10:30:24	53	0
10:31:24	54	0
10:32:24	54	0
10:33:24	54	0

10:34:24	54	0
10:35:24	54	0
10:36:24	54	0
10:37:24	54	0
10:38:24	55	0
10:39:24		

STEP RATE TEST

NVAU 203 (04-27-89)



STEP RATE TEST

COMPANY: MOBIL EXPLORATION & PRODUCING U.S. INC.
 LEASE: NORTH VACUUM ABO
 WELL NO. 203
 LOCATION: B22-T17S-R34E
 TEST DATE: 04-27-89
 PERFORATIONS: 8692' - 8764'
 TOTAL DEPTH: 8900'
 PLUG BACK TD: 8870'
 PACKER SET AT: 8664'

TIME	SURFACE PRESSURE	RATE (BWPD)

06:38:25	13	0
06:39:25	12	0
06:40:25	12	0
06:41:25	12	0
06:42:25	12	0
06:43:25	12	0
06:44:25	12	0
06:45:25	12	0
06:46:25	12	0
06:47:25	12	0
06:48:25	12	0
06:49:25	12	0
06:50:25	12	0
06:51:25	12	0
06:52:25	12	0
06:53:25	12	0
06:54:25	12	0
06:55:25	1099	0
06:56:25	3372	0
06:57:25	3369	0
06:58:25	3366	0
06:59:25	3364	0
07:00:25	3361	0
07:01:25	3367	0
07:02:25	3367	0
07:03:25	3370	0
07:04:25	3373	100
07:05:25	3375	100
07:06:25	3377	100
07:07:25	3379	100
07:08:25	3380	100
07:09:25	3382	100
07:10:25	3384	100
07:11:25	3385	100
07:12:25	3387	100
07:13:25	3387	100
07:14:25	3389	100

07:15:25	3390	100
07:16:25	3392	100
07:17:25	3402	100
07:18:25	3408	100
07:19:25	3414	100
07:20:25	3420	200
07:21:25	3424	200
07:22:25	3428	200
07:23:25	3431	200
07:24:25	3435	200
07:25:25	3439	200
07:26:25	3442	200
07:27:25	3447	200
07:28:25	3449	200
07:29:25	3453	200
07:30:25	3456	200
07:31:25	3464	200
07:32:25	3474	200
07:33:25	3484	200
07:34:25	3492	300
07:35:25	3499	300
07:36:25	3504	300
07:37:25	3510	300
07:38:25	3515	300
07:39:25	3521	300
07:40:25	3526	300
07:41:25	3531	300
07:42:25	3537	300
07:43:25	3542	300
07:44:25	3547	300
07:45:25	3552	300
07:46:25	3557	300
07:47:25	3567	300
07:48:25	3573	300
07:49:25	3579	350
07:50:25	3586	350
07:51:25	3591	350
07:52:25	3595	350
07:53:25	3601	350
07:54:25	3606	350
07:55:25	3610	350
07:56:25	3615	350
07:57:25	3620	350
07:58:25	3625	350
07:59:25	3629	350
08:00:25	3634	350
08:01:25	3638	350
08:02:25	3649	350
08:03:25	3656	350
08:04:25	3662	400
08:05:25	3668	400
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08:10:25	3693	400

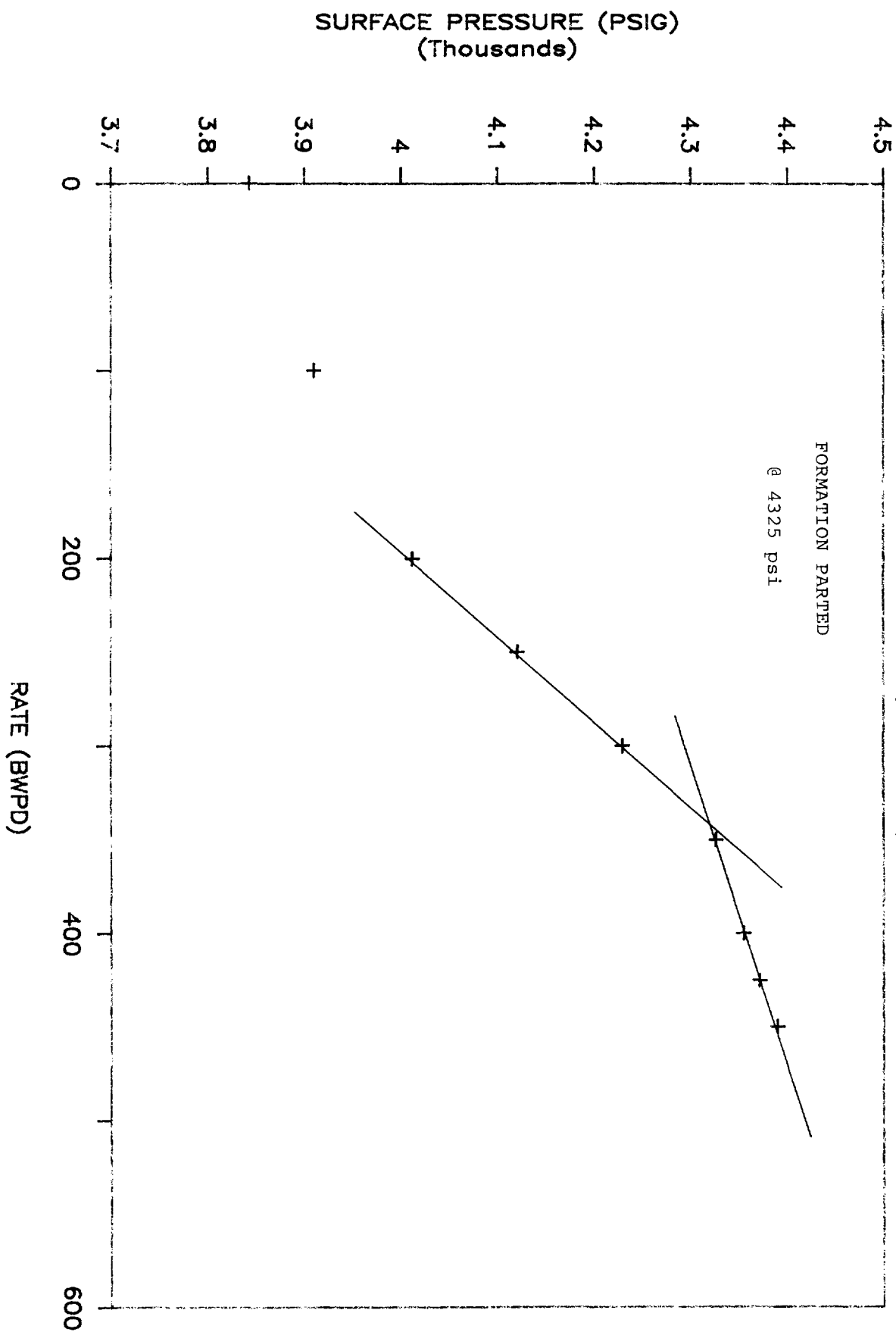
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08:12:25	3702	400
08:13:25	3706	400
08:14:25	3710	400
08:15:25	3714	400
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08:17:25	3730	400
08:18:25	3736	400
08:19:25	3741	450
08:20:25	3747	450
08:21:25	3753	450
08:22:25	3757	450
08:23:25	3761	450
08:24:25	3766	450
08:25:25	3770	450
08:26:25	3775	450
08:27:25	3781	450
08:28:25	3784	450
08:29:25	3788	450
08:30:25	3792	450
08:31:25	3797	450
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08:33:25	3814	450
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08:35:25	3823	500
08:36:25	3828	500
08:37:25	3832	500
08:38:25	3837	500
08:39:25	3841	500
08:40:25	3845	500
08:41:25	3848	500
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08:43:25	3856	500
08:44:25	3861	500
08:45:25	3865	500
08:46:25	3881	500
08:47:25	3930	500
08:48:25	3932	500
08:49:25	3935	550
08:50:25	3938	550
08:51:25	3949	550
08:52:25	3954	550
08:53:25	3957	550
08:54:25	3963	600
08:55:25	3966	600
08:56:25	3970	600
08:57:25	3973	600
08:58:25	3976	600
08:59:25	3979	600
09:00:25	3982	600
09:01:25	3985	600
09:02:25	3988	600
09:03:25	3992	600
09:04:25	3995	600
09:05:25	3998	600
09:06:25	4006	600

09:07:25	4009	600
09:08:25	4013	600
09:09:25	4016	650
09:10:25	4020	650
09:11:25	4023	650
09:12:25	4027	650
09:13:25	4029	650
09:14:25	4032	650
09:15:25	4035	650
09:16:25	4038	650
09:17:25	4040	650
09:18:25	4043	650
09:19:25	4046	650
09:20:25	4049	650
09:21:25	4058	650
09:22:25	4061	650
09:23:25	4064	650
09:24:25	4067	700
09:25:25	4070	700
09:26:25	4072	700
09:27:25	4072	700
09:28:25	4075	700
09:29:25	4080	700
09:30:25	4083	700
09:31:25	4086	700
09:32:25	4088	700
09:33:25	4090	700
09:34:25	4092	700
09:35:25	4095	700
09:36:25	4101	700
09:37:25	4104	700
09:38:25	4107	700
09:39:25	4110	750
09:40:25	4111	750
09:41:25	4113	750
09:42:25	4115	750
09:43:25	4117	750
09:44:25	4118	750
09:45:25	4121	750
09:46:25	4122	750
09:47:25	4124	750
09:48:25	4126	750
09:49:25	4127	750
09:50:25	4129	0
09:51:25	4132	0
09:52:25	4087	0
09:53:25	4076	0
09:54:25	4071	0
09:55:25	4064	0
09:56:25	4058	0
09:57:25	2860	0
09:58:25	79	0
09:59:25	56	0
10:00:25	34	0
10:01:25	12	0
10:02:25	12	0

10:03:25	12	0
10:04:25	12	0
10:05:25	12	0
10:06:25	12	0
10:07:25	12	0
10:08:25	12	0
10:09:25	12	0
10:10:25	12	0
10:11:25	12	0
10:12:25	13	0
10:13:25	13	0

STEP RATE TEST

NVAU 204 (04-26-89)



STEP RATE TEST

COMPANY: MOBIL EXPLORATION & PRODUCING U.S. INC.
LEASE: NORTH VACUUM ABO
WELL NO. 204
LOCATION: D24-T17S-R34E
TEST DATE: 04-26-89
PERFORATIONS: 8484' - 8537'
TOTAL DEPTH: 10359'
PLUG BACK TD: 9980'
PACKER SET AT: 8433'

TIME	SURFACE PRESSURE	RATE (BWPD)

10:55:25	15	0
10:56:25	16	0
10:57:25	3821	0
10:58:25	3824	0
10:59:25	3823	0
11:00:25	3823	0
11:01:25	3828	0
11:02:25	3837	0
11:03:25	3843	0
11:04:25	3848	100
11:05:25	3852	100
11:06:25	3856	100
11:07:25	3859	100
11:08:25	3863	100
11:09:25	3867	100
11:10:25	3868	100
11:11:25	3871	100
11:12:25	3874	100
11:13:25	3876	100
11:14:25	3877	100
11:15:25	3880	100
11:16:25	3883	100
11:17:25	3901	100
11:18:25	3910	100
11:19:25	3918	200
11:20:25	3925	200
11:21:25	3932	200
11:22:25	3938	200
11:23:25	3944	200
11:24:25	3950	200
11:25:25	3955	200
11:26:25	3961	200
11:27:25	3966	200
11:28:25	3973	200
11:29:25	3978	200
11:30:25	3984	200
11:31:25	3995	200

11:32:25	4004	200
11:33:25	4012	200
11:34:25	4019	250
11:35:25	4027	250
11:36:25	4034	250
11:37:25	4040	250
11:38:25	4046	250
11:39:25	4052	250
11:40:25	4061	250
11:41:25	4068	250
11:42:25	4072	250
11:43:25	4078	250
11:44:25	4084	250
11:45:25	4089	250
11:46:25	4104	250
11:47:25	4114	250
11:48:25	4121	250
11:49:25	4128	300
11:50:25	4135	300
11:51:25	4145	300
11:52:25	4151	300
11:53:25	4158	300
11:54:25	4164	300
11:55:25	4170	300
11:56:25	4178	300
11:57:25	4184	300
11:58:25	4190	300
11:59:25	4196	300
12:00:25	4201	300
12:01:25	4215	300
12:02:25	4223	300
12:03:25	4230	300
12:04:25	4237	350
12:05:25	4247	350
12:06:25	4253	350
12:07:25	4261	350
12:08:25	4268	350
12:09:25	4273	350
12:10:25	4280	350
12:11:25	4286	350
12:12:25	4291	350
12:13:25	4295	350
12:14:25	4303	350
12:15:25	4307	350
12:16:25	4316	350
12:17:25	4321	350
12:18:25	4326	350
12:19:25	4329	400
12:20:25	4332	400
12:21:25	4335	400
12:22:25	4337	400
12:23:25	4340	400
12:24:25	4342	400
12:25:25	4344	400
12:26:25	4347	400
12:27:25	4349	400

12:28:25	4350	400
12:29:25	4352	400
12:30:25	4353	400
12:31:25	4354	400
12:32:25	4355	400
12:33:25	4355	400
12:34:25	4359	425
12:35:25	4362	425
12:36:25	4363	425
12:37:25	4364	425
12:38:25	4363	425
12:39:25	4365	425
12:40:25	4365	425
12:41:25	4366	425
12:42:25	4366	425
12:43:25	4366	425
12:44:25	4367	425
12:45:25	4368	425
12:46:25	4369	425
12:47:25	4370	425
12:48:25	4371	425
12:49:25	4374	450
12:50:25	4374	450
12:51:25	4374	450
12:52:25	4378	450
12:53:25	4380	450
12:54:25	4380	450
12:55:25	4382	450
12:56:25	4384	450
12:57:25	4385	450
12:58:25	4385	450
12:59:25	4386	450
13:00:25	4387	450
13:01:25	4389	450
13:02:25	4390	450
13:03:25	4390	450
13:04:25	4364	0
13:05:25	4343	0
13:06:25	4309	0
13:07:25	4306	0
13:08:25	4306	0
13:09:25	4292	0
13:10:25	4383	0
13:11:25	4267	0
13:12:25	53	0
13:13:25	22	0
13:14:25	20	0
13:15:25	16	0
13:16:25	15	0
13:17:25	14	0
13:18:25	14	0
13:19:25	14	0
13:20:25	13	0
13:21:25	11	0
13:22:25	11	0



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE
May 17, 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 & Prod. U.S. Inc.	NVAU 121-L	13-17-34
Operator	Lease & Well No.	Unit
		S-T-R

and my recommendations are as follows:

OK - I WOULD RECOMMEND 75 TO 100 PSI
BELOW FRACTURE PRESSURE, BUT TEST LOOKS
GOOD -

Very truly yours

Jerry Sexton
Supervisor, District I

/bp



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE
May 17, 1989

GARREY CARRUTHERS
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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	NVAU 158-J	12-17-34
Operator	Lease & Well No.	Unit
		S-T-R

and my recommendations are as follows:

OK

Very truly yours

[Signature]
Jerry Sexton
Supervisor, District I

/bp

RECEIVED

MAY 31 1989
OIL CONSERVATION DIV.
SANTA FE



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

May 17, 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.	NVAU 203-B	22-17-34
Operator	Lease & Well No.	Unit
		S-T-R

and my recommendations are as follows:

Very truly yours

Jerry Sexton
Jerry Sexton
Supervisor, District I

/bp



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE
May 17, 1989

GARREY CARRUTHERS
GOVERNOR

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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.	NVAU 204-D	24-17-34
Operator	Lease & Well No.	Unit S-T-R

and my recommendations are as follows:

Very truly yours

Jerry Sexton
Supervisor, District I

/bp