

Mobil Exploration & Producing U.S. Inc.

P.O. BOX 633
MIDLAND, TEXAS 79702

MIDLAND DIVISION

August 10, 1989

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

Attention: Mr. W. J. LeMay

RECEIVED

AUG 14 1989

OIL CONSERVATION DIV.
SANTA FE

INJECTION PRESSURE INCREASE REQUEST
NORTH VACUUM ABO UNIT
WELLS NO. 209, 214, 224 & 302
NORTH VACUUM ABO FIELD
LEA COUNTY, NEW MEXICO

Gentlemen:

Under the provisions of Order No. WFX-557 dated February 5, 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. 209 UNIT J, SEC. 22 T-17-S, R-34-E Order No. WFX-557	8556-8720'	3816 psig	4140 psig
WELL NO. 214 UNIT D, SEC. 11 T-17-S, R-34-E Order No. PMX-140	8612-8659'	2810 psig	3590 psig

State of New Mexico
North Vacuum Abo Unit
Wells No. 209, 214, 224 & 302
Lea County , New Mexico

-2-

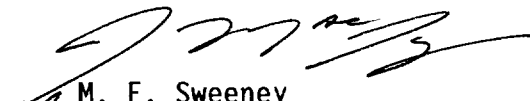
August 10, 1989

WELL NO. 224			
UNIT B, SEC. 11	8588-8661'	2620 psig	2830 psig
T-17-S, R-34-E			
Order No. PMX-140			

WELL NO. 302			
UNIT J, SEC. 3	8688-8744'	3920 psig	4325 psig
T-17-S, R-34-E			
Order No. PMX-140			

Enclosed are copies of the Step-rate test.

Yours very truly,



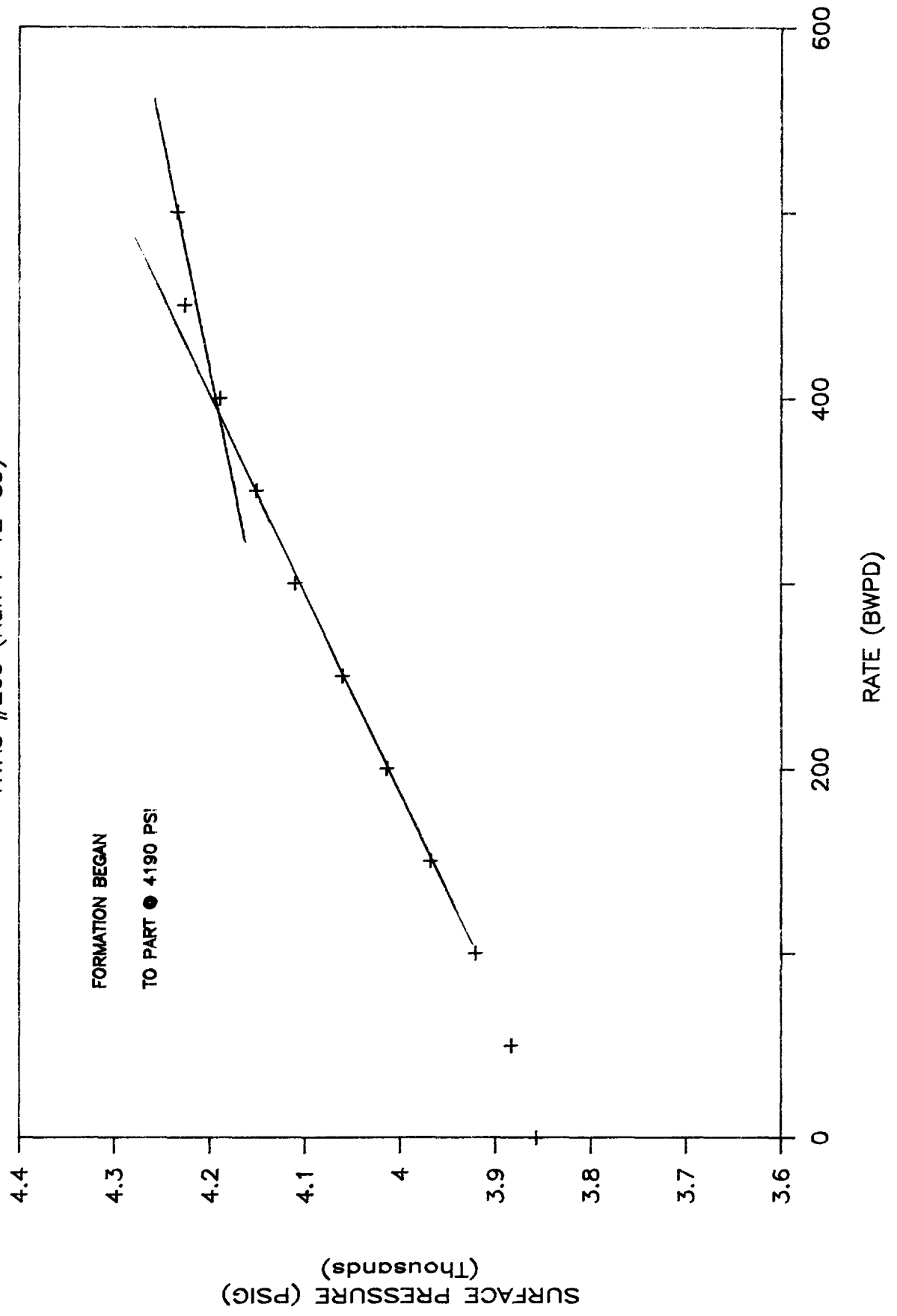
M. E. Sweeney
Environmental & Regulatory Manager

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

CCSmith/arr
Attachments
cc: District Director OCD - Hobbs

STEP RATE TEST

NVAU #209 (Run 7-12-89)



STEP RATE TEST

COMPANY: MOBIL EXPLORATION & PRODUCING U.S. INC.
 LEASE: NORTH VACUUM ABO
 WELL NO. 209
 LOCATION: J22-T17S-R34E
 TEST DATE: 7-12-89
 PERFORATIONS: 8556' - 8720'
 TOTAL DEPTH: 8800'
 PLUG BACK TD: 8764'
 PACKER SET AT: 8540'

TIME	SURFACE PRESSURE	RATE (BWPD)

11:29:25	16	0
11:30:25	16	0
11:31:25	16	0
11:32:25	16	0
11:33:25	16	0
11:34:25	16	0
11:35:25	16	0
11:36:25	16	0
11:37:25	16	0
11:38:25	16	0
11:39:25	17	0
11:40:25	17	0
11:41:25	17	0
11:42:25	17	0
11:43:25	17	0
11:44:25	17	0
11:45:25	17	0
11:46:25	18	0
11:47:25	18	0
11:48:25	18	0
11:49:25	3860	0
11:50:25	3865	0
11:51:25	3856	0
11:52:25	3853	0
11:53:25	3852	0
11:54:25	3851	0
11:55:25	3850	0
11:56:25	3849	0
11:57:25	3848	0
11:58:25	3847	0
11:59:25	3846	0
12:00:25	3846	0
12:01:25	3846	0
12:02:25	3852	0
12:03:25	3854	0
12:04:25	3856	0

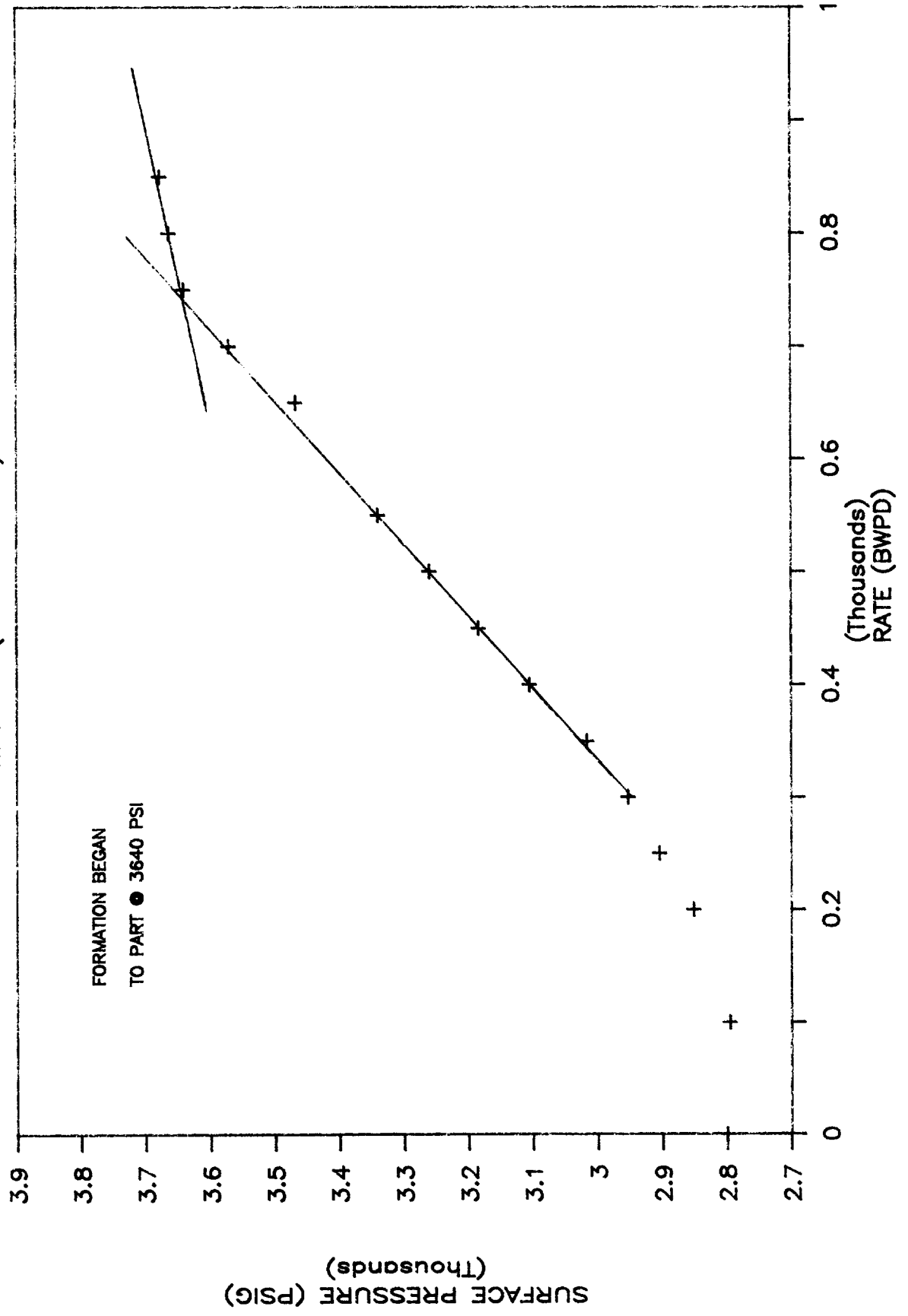
12:05:25	3857	0
12:06:25	3858	50
12:07:25	3859	50
12:08:25	3860	50
12:09:25	3861	50
12:10:25	3862	50
12:11:25	3863	50
12:12:25	3864	50
12:13:25	3865	50
12:14:25	3865	50
12:15:25	3869	50
12:16:25	3873	50
12:17:25	3876	50
12:18:25	3879	50
12:19:25	3881	50
12:20:25	3883	50
12:21:25	3885	100
12:22:25	3887	100
12:23:25	3889	100
12:24:25	3890	100
12:25:25	3892	100
12:26:25	3893	100
12:27:25	3895	100
12:28:25	3896	100
12:29:25	3905	100
12:30:25	3906	100
12:31:25	3910	100
12:32:25	3913	100
12:33:25	3915	100
12:34:25	3918	100
12:35:25	3921	100
12:36:25	3923	150
12:37:25	3925	150
12:38:25	3927	150
12:39:25	3929	150
12:40:25	3931	150
12:41:25	3933	150
12:42:25	3936	150
12:43:25	3937	150
12:44:25	3939	150
12:45:25	3948	150
12:46:25	3956	150
12:47:25	3962	150
12:48:25	3965	150
12:49:25	3965	150
12:50:25	3968	150
12:51:25	3970	200
12:52:25	3972	200
12:53:25	3974	200
12:54:25	3977	200
12:55:25	3979	200
12:56:25	3981	200
12:57:25	3983	200
12:58:25	3985	200
12:59:25	3987	200
13:00:25	3996	200

13:01:25	4000	200
13:02:25	4004	200
13:03:25	4007	200
13:04:25	4011	200
13:05:25	4014	200
13:06:25	4016	250
13:07:25	4019	250
13:08:25	4021	250
13:09:25	4024	250
13:10:25	4026	250
13:11:25	4029	250
13:12:25	4032	250
13:13:25	4034	250
13:14:25	4036	250
13:15:25	4038	250
13:16:25	4047	250
13:17:25	4051	250
13:18:25	4055	250
13:19:25	4059	250
13:20:25	4060	250
13:21:25	4063	300
13:22:25	4066	300
13:23:25	4068	300
13:24:25	4073	300
13:25:25	4076	300
13:26:25	4078	300
13:27:25	4081	300
13:28:25	4083	300
13:29:25	4091	300
13:30:25	4095	300
13:31:25	4098	300
13:32:25	4101	300
13:33:25	4105	300
13:34:25	4108	300
13:35:25	4110	300
13:36:25	4112	350
13:37:25	4115	350
13:38:25	4116	350
13:39:25	4118	350
13:40:25	4121	350
13:41:25	4123	350
13:42:25	4125	350
13:43:25	4126	350
13:44:25	4128	350
13:45:25	4137	350
13:46:25	4141	350
13:47:25	4144	350
13:48:25	4147	350
13:49:25	4149	350
13:50:25	4151	350
13:51:25	4153	400
13:52:25	4156	400
13:53:25	4158	400
13:54:25	4160	400
13:55:25	4162	400
13:56:25	4165	400

13:57:25	4168	400
13:58:25	4169	400
13:59:25	4170	400
14:00:25	4172	400
14:01:25	4181	400
14:02:25	4183	400
14:03:25	4185	400
14:04:25	4187	400
14:05:25	4189	400
14:06:25	4190	450
14:07:25	4192	450
14:08:25	4196	450
14:09:25	4198	450
14:10:25	4199	450
14:11:25	4200	450
14:12:25	4202	450
14:13:25	4203	450
14:14:25	4204	450
14:15:25	4205	450
14:16:25	4218	450
14:17:25	4220	450
14:18:25	4223	450
14:19:25	4224	450
14:20:25	4226	450
14:21:25	4227	500
14:22:25	4228	500
14:23:25	4230	500
14:24:25	4231	500
14:25:25	4232	500
14:26:25	4233	500
14:27:25	4234	500
14:28:25	4234	500
14:29:25	4229	0
14:30:25	4185	0
14:31:25	4174	0
14:32:25	4167	0
14:33:25	4159	0
14:34:25	4153	0
14:35:25	4148	0
14:36:25	4142	0
14:37:25	70	0
14:38:25	26	0
14:39:25	30	0
14:40:25	33	0
14:41:25	34	0
14:42:25	36	0
14:43:25	38	0
14:44:25	40	0
14:45:25	41	0
14:46:25	42	0
14:47:25	43	0
14:48:25	44	0
14:49:25	44	0

STEP RATE TEST

NVAU 214 (Run 7-14-89)



STEP RATE TEST

COMPANY: MOBIL EXPLORATION & PRODUCING U.S. INC.
 LEASE: NORTH VACUUM ABO
 WELL NO. 214
 LOCATION: D11-T17S-R34E
 TEST DATE: 7-14-89
 PERFORATIONS: 8612' - 8659'
 TOTAL DEPTH: 8714'
 PLUG BACK TD: 8668'
 PACKER SET AT: 8560'

TIME	SURFACE PRESSURE	RATE (BWPd)
12:00:25	12	0
12:01:25	21	0
12:02:25	22	0
12:03:25	22	0
12:04:25	22	0
12:05:25	22	0
12:06:25	22	0
12:07:25	22	0
12:08:25	22	0
12:09:25	22	0
12:10:25	22	0
12:11:25	22	0
12:12:25	23	0
12:13:25	23	0
12:14:25	22	0
12:15:25	23	0
12:16:25	22	0
12:17:25	23	0
12:18:25	23	0
12:19:25	23	0
12:20:25	23	0
12:21:25	23	0
12:22:25	23	0
12:23:25	23	0
12:24:25	23	0
12:25:25	23	0
12:26:25	23	0
12:27:25	23	0
12:28:25	23	0
12:29:25	24	0
12:30:25	2875	0
12:31:25	2886	0
12:32:25	2851	0
12:33:25	2839	0

12:34:25	2830	0
12:35:25	2823	0
12:36:25	2817	0
12:37:25	2811	0
12:38:25	2805	0
12:39:25	2800	0
12:40:25	2800	0
12:41:25	2804	100
12:42:25	2805	100
12:43:25	2805	100
12:44:25	2805	100
12:45:25	2804	100
12:46:25	2804	100
12:47:25	2803	100
12:48:25	2802	100
12:49:25	2801	100
12:50:25	2801	100
12:51:25	2800	100
12:52:25	2799	100
12:53:25	2798	100
12:54:25	2797	100
12:55:25	2796	100
12:56:25	2811	100
12:57:25	2817	200
12:58:25	2821	200
12:59:25	2826	200
13:00:25	2829	200
13:01:25	2832	200
13:02:25	2835	200
13:03:25	2835	200
13:04:25	2837	200
13:05:25	2838	200
13:06:25	2840	200
13:07:25	2841	200
13:08:25	2843	200
13:09:25	2844	200
13:10:25	2852	200
13:11:25	2857	250
13:12:25	2862	250
13:13:25	2865	250
13:14:25	2869	250
13:15:25	2872	250
13:16:25	2875	250
13:17:25	2877	250
13:18:25	2879	250
13:19:25	2881	250
13:20:25	2883	250
13:21:25	2885	250
13:22:25	2887	250
13:23:25	2889	250
13:24:25	2890	250
13:25:25	2904	250
13:26:25	2910	300
13:27:25	2915	300
13:28:25	2919	300
13:29:25	2923	300

13:30:25	2926	300
13:31:25	2929	300
13:32:25	2932	300
13:33:25	2935	300
13:34:25	2937	300
13:35:25	2940	300
13:36:25	2943	300
13:37:25	2945	300
13:38:25	2948	300
13:39:25	2950	300
13:40:25	2953	300
13:41:25	2955	350
13:42:25	2970	350
13:43:25	2976	350
13:44:25	2981	350
13:45:25	2985	350
13:46:25	2989	350
13:47:25	2992	350
13:48:25	2995	350
13:49:25	2999	350
13:50:25	3002	350
13:51:25	3005	350
13:52:25	3008	350
13:53:25	3011	350
13:54:25	3014	350
13:55:25	3016	350
13:56:25	3033	400
13:57:25	3039	400
13:58:25	3044	400
13:59:25	3049	400
14:00:25	3053	400
14:01:25	3057	400
14:02:25	3061	400
14:03:25	3064	400
14:04:25	3068	400
14:05:25	3072	400
14:06:25	3075	400
14:07:25	3081	400
14:08:25	3084	400
14:09:25	3088	400
14:10:25	3105	400
14:11:25	3112	450
14:12:25	3117	450
14:13:25	3122	450
14:14:25	3126	450
14:15:25	3131	450
14:16:25	3135	450
14:17:25	3138	450
14:18:25	3142	450
14:19:25	3145	450
14:20:25	3148	450
14:21:25	3152	450
14:22:25	3155	450
14:23:25	3158	450
14:24:25	3162	450
14:25:25	3184	450

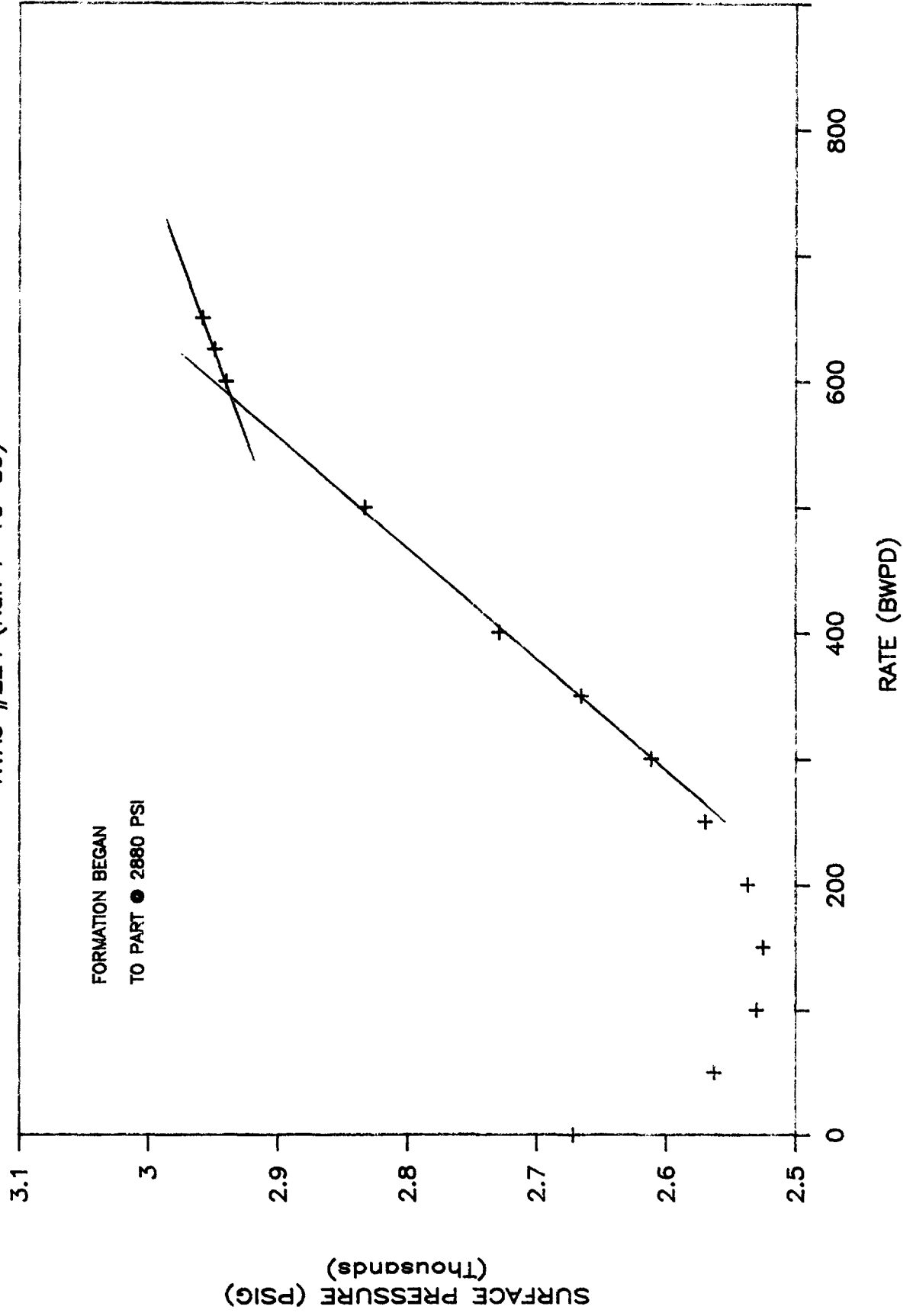
14:26:25	3191	500
14:27:25	3196	500
14:28:25	3201	500
14:29:25	3206	500
14:30:25	3210	500
14:31:25	3214	500
14:32:25	3218	500
14:33:25	3222	500
14:34:25	3225	500
14:35:25	3229	500
14:36:25	3233	500
14:37:25	3236	500
14:38:25	3239	500
14:39:25	3243	500
14:40:25	3260	500
14:41:25	3268	550
14:42:25	3273	550
14:43:25	3278	550
14:44:25	3283	550
14:45:25	3287	550
14:46:25	3291	550
14:47:25	3295	550
14:48:25	3298	550
14:49:25	3306	550
14:50:25	3311	550
14:51:25	3315	550
14:52:25	3318	550
14:53:25	3322	550
14:54:25	3329	550
14:55:25	3340	550
14:56:25	3368	650
14:57:25	3374	650
14:58:25	3380	650
14:59:25	3385	650
15:00:25	3393	650
15:01:25	3399	650
15:02:25	3403	650
15:03:25	3408	650
15:04:25	3413	650
15:05:25	3418	650
15:06:25	3423	650
15:07:25	3436	650
15:08:25	3454	650
15:09:25	3461	650
15:10:25	3467	650
15:11:25	3477	700
15:12:25	3483	700
15:13:25	3489	700
15:14:25	3494	700
15:15:25	3499	700
15:16:25	3504	700
15:17:25	3509	700
15:18:25	3513	700
15:19:25	3517	700
15:20:25	3540	700
15:21:25	3547	700

15:22:25	3552	700
15:23:25	3558	700
15:24:25	3565	700
15:25:25	3570	700
15:26:25	3575	750
15:27:25	3577	750
15:28:25	3580	750
15:29:25	3584	750
15:30:25	3589	750
15:31:25	3594	750
15:32:25	3598	750
15:33:25	3603	750
15:34:25	3604	750
15:35:25	3607	750
15:36:25	3611	750
15:37:25	3615	750
15:38:25	3623	750
15:39:25	3634	750
15:40:25	3640	750
15:41:25	3645	800
15:42:25	3646	800
15:43:25	3647	800
15:44:25	3648	800
15:45:25	3649	800
15:46:25	3650	800
15:47:25	3652	800
15:48:25	3654	800
15:49:25	3657	800
15:50:25	3658	800
15:51:25	3660	800
15:52:25	3661	800
15:53:25	3662	800
15:54:25	3663	800
15:55:25	3663	800
15:56:25	3668	850
15:57:25	3673	850
15:58:25	3677	850
15:59:25	3546	0
16:00:25	3515	0
16:01:25	3490	0
16:02:25	3465	0
16:03:25	3443	0
16:04:25	3423	0
16:05:25	34	0
16:06:25	23	0
16:07:25	24	0
16:08:25	25	0
16:09:25	25	0
16:10:25	26	0
16:11:25	26	0
16:12:25	27	0
16:13:25	27	0
16:14:25	27	0
16:15:25	27	0
16:16:25	27	0
16:17:25	27	0

16:18:25	27	0
16:19:25	27	0
16:20:25	28	0
16:21:25	28	0
16:22:25	28	0
16:23:25	28	0
16:24:25	28	0
16:25:25	28	0
16:26:25	28	0
16:27:25	28	0
16:28:25	28	0
16:29:25	28	0
16:30:25	28	0
16:31:25	28	0
16:32:25	28	0
16:33:25	28	0
16:34:25	28	0
16:35:28	28	0
16:36:25	28	0
16:37:25	28	0
16:38:25	28	0
16:39:25	28	0
16:40:25	28	0
16:41:25	28	0
16:42:25	28	0

STEP RATE TEST

NVAU #224 (Run 7-10-89)



STEP RATE TEST

 COMPANY: MOBIL EXPLORATION & PRODUCING U.S. INC.
 LEASE: NORTH VACUUM ABO
 WELL NO. 224
 LOCATION: B11-T17S-R343
 TEST DATE: 7-10-89
 PERFORATIONS: 8588' - 8661'
 TOTAL DEPTH: 8730'
 PLUG BACK TD: 8676'
 PACKER SET AT: 8588'

TIME	SURFACE PRESSURE	RATE (BWPD)

08:55:25	2673	0
08:56:25	2673	0
08:57:25	2672	0
08:58:25	2672	0
08:59:25	2672	0
09:00:25	2672	0
09:01:25	2672	50
09:02:25	2672	50
09:03:25	2638	50
09:04:25	2625	50
09:05:25	2615	50
09:06:25	2606	50
09:07:25	2597	50
09:08:25	2595	50
09:09:25	2589	50
09:10:25	2585	50
09:11:25	2580	50
09:12:25	2576	50
09:13:25	2572	50
09:14:25	2567	50
09:15:25	2563	50
09:16:25	2559	100
09:17:25	2556	100
09:18:25	2558	100
09:19:25	2554	100
09:20:25	2552	100
09:21:25	2550	100
09:22:25	2547	100
09:23:25	2544	100
09:24:25	2544	100
09:25:25	2541	100
09:26:25	2538	100
09:27:25	2536	100
09:28:25	2534	100
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09:31:25	2528	150
09:32:25	2527	150

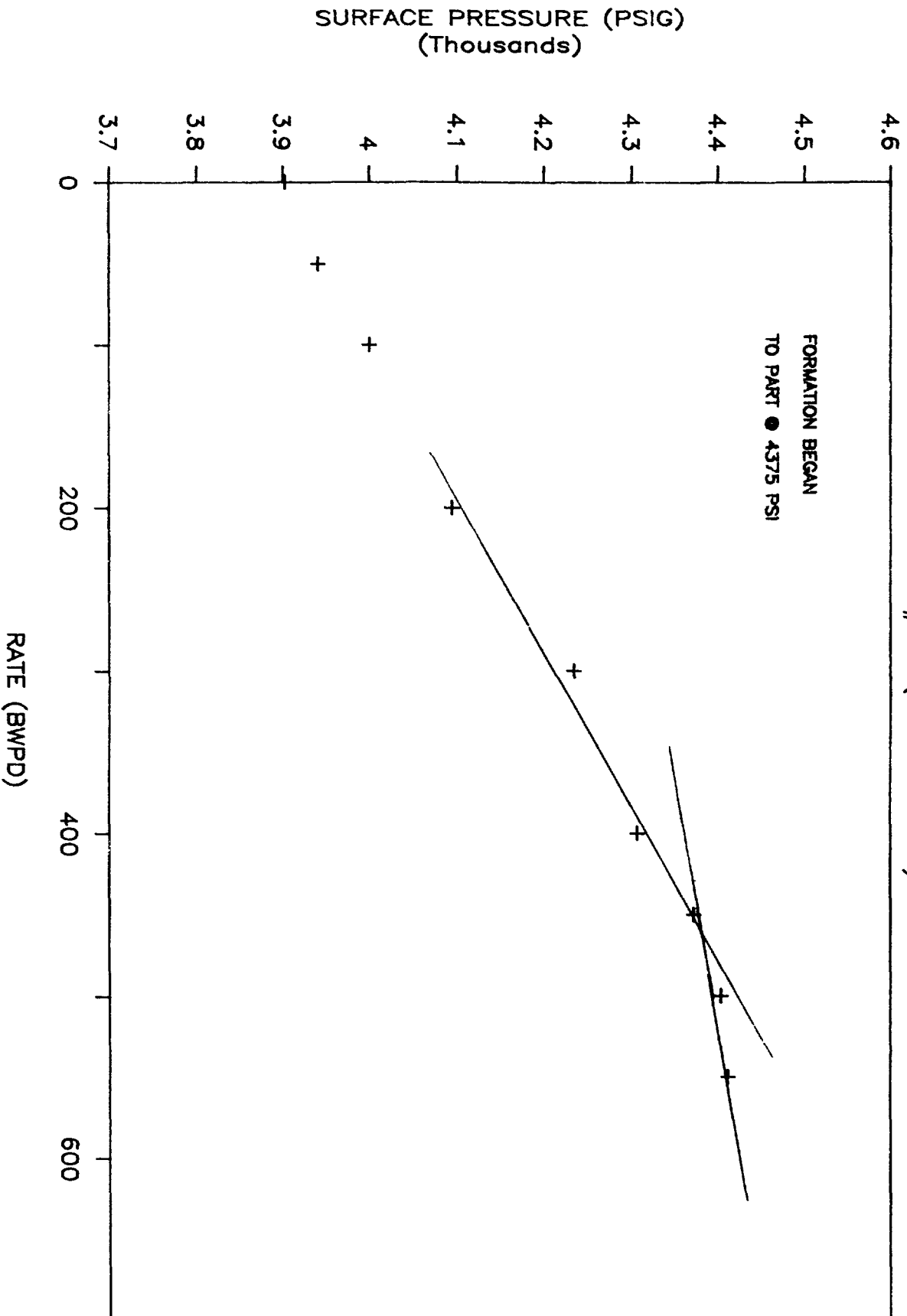
09:33:25	2532	150
09:34:25	2531	150
09:35:25	2531	150
09:36:25	2531	150
09:37:25	2530	150
09:38:25	2530	150
09:39:25	2529	150
09:40:25	2529	150
09:41:25	2529	150
09:42:25	2528	150
09:43:25	2527	150
09:44:25	2526	150
09:45:25	2525	150
09:46:25	2524	200
09:47:25	2523	200
09:48:25	2529	200
09:49:25	2531	200
09:50:25	2533	200
09:51:25	2534	200
09:52:25	2535	200
09:53:25	2535	200
09:54:25	2535	200
09:55:25	2536	200
09:56:25	2536	200
09:57:25	2536	200
09:58:25	2536	200
09:59:25	2537	200
10:00:25	2537	200
10:01:25	2556	250
10:02:25	2558	250
10:03:25	2564	250
10:04:25	2558	250
10:05:25	2559	250
10:06:25	2561	250
10:07:25	2562	250
10:08:25	2563	250
10:09:25	2564	250
10:10:25	2565	250
10:11:25	2566	250
10:12:25	2567	250
10:13:25	2568	250
10:14:25	2569	250
10:15:25	2570	250
10:16:25	2581	300
10:17:25	2584	300
10:18:25	2588	300
10:19:25	2590	300
10:20:25	2593	300
10:21:25	2596	300
10:22:25	2597	300
10:23:25	2599	300
10:24:25	2601	300
10:25:25	2603	300
10:26:25	2605	300
10:27:25	2607	300
10:28:25	2608	300

10:29:25	2610	300
10:30:25	2612	300
10:31:25	2614	350
10:32:25	2628	350
10:33:25	2632	350
10:34:25	2636	350
10:35:25	2640	350
10:36:25	2643	350
10:37:25	2646	350
10:38:25	2648	350
10:39:25	2651	350
10:40:25	2653	350
10:41:25	2656	350
10:42:25	2658	350
10:43:25	2661	350
10:44:25	2664	350
10:45:25	2666	350
10:46:25	2679	400
10:47:25	2686	400
10:48:25	2691	400
10:49:25	2695	400
10:50:25	2699	400
10:51:25	2702	400
10:52:25	2706	400
10:53:25	2709	400
10:54:25	2712	400
10:55:25	2715	400
10:56:25	2717	400
10:57:25	2720	400
10:58:25	2723	400
10:59:25	2726	400
11:00:25	2729	400
11:01:25	2731	500
11:02:25	2765	500
11:03:25	2771	500
11:04:25	2778	500
11:05:25	2784	500
11:06:25	2789	500
11:07:25	2795	500
11:08:25	2800	500
11:09:25	2804	500
11:10:25	2808	500
11:11:25	2813	500
11:12:25	2817	500
11:13:25	2824	500
11:14:25	2828	500
11:15:25	2833	500
11:16:25	2837	600
11:17:25	2841	600
11:18:25	2887	600
11:19:25	2881	600
11:20:25	2888	600
11:21:25	2895	600
11:22:25	2902	600
11:23:25	2908	600
11:24:25	2913	600

11:25:25	2918	600
11:26:25	2923	600
11:27:25	2924	600
11:28:25	2929	600
11:29:25	2938	600
11:30:25	2940	600
11:31:25	2941	625
11:32:25	2941	625
11:33:25	2942	625
11:34:25	2943	625
11:35:25	2943	625
11:36:25	2944	625
11:37:25	2944	625
11:38:25	2945	625
11:39:25	2946	625
11:40:25	2947	625
11:41:25	2947	625
11:42:25	2948	625
11:43:25	2948	625
11:44:25	2949	625
11:45:25	2949	625
11:46:25	2950	650
11:47:25	2950	650
11:48:25	2951	650
11:49:25	2951	650
11:50:25	2952	650
11:51:25	2953	650
11:52:25	2954	650
11:53:25	2955	650
11:54:25	2955	650
11:55:25	2955	650
11:56:25	2956	650
11:57:25	2956	650
11:58:25	2957	650
11:59:25	2958	650
12:00:25	2958	650
12:01:25	2953	SI
12:02:25	2919	SI
12:03:25	2845	SI
12:04:25	19	SI
12:05:25	19	SI
12:06:25	17	SI
12:07:25	17	SI
12:08:25	17	SI
12:09:25	17	SI

STEP RATE TEST

NVAU #302 (Run 7-11-89)



STEP RATE TEST

COMPANY: MOBIL EXPLORATION & PRODUCING U.S. INC.
LEASE: NORTH VACUUM ABO
WELL NO. 302
LOCATION: J03-T17S-R34E
TEST DATE: 07-11-89
PERFORATIONS: 8688' - 8744'
TOTAL DEPTH: 8849'
PLUG BACK TD: 8800'
PACKER SET AT: 8646'

TIME	SURFACE PRESSURE	RATE (BWPD)
12:25:21	14	0
12:26:21	14	0
12:27:21	14	0
12:28:21	14	0
12:29:21	14	0
12:30:21	14	0
12:31:21	14	0
12:32:21	14	0
12:33:21	14	0
12:34:21	3911	0
12:35:21	3910	0
12:36:21	3909	0
12:37:21	3907	0
12:38:21	3905	0
12:39:21	3903	0
12:40:21	3903	0
12:41:21	3911	50
12:42:21	3915	50
12:43:21	3917	50
12:44:21	3919	50
12:45:21	3921	50
12:46:21	3923	50
12:47:21	3924	50
12:48:21	3926	50
12:49:21	3927	50
12:50:21	3929	50
12:51:21	3930	50
12:52:21	3931	50
12:53:21	3932	50
12:54:21	3933	50
12:55:21	3941	50
12:56:21	3946	100
12:57:21	3950	100
12:58:21	3955	100
12:59:21	3959	100
13:00:21	3963	100
13:01:21	3965	100

13:02:21	3968	100
13:03:21	3970	100
13:04:21	3972	100
13:05:21	3976	100
13:06:21	3978	100
13:07:21	3980	100
13:08:21	3983	100
13:09:21	3985	100
13:10:21	4001	100
13:11:21	4011	200
13:12:21	4020	200
13:13:21	4027	200
13:14:21	4036	200
13:15:21	4042	200
13:16:21	4048	200
13:17:21	4054	200
13:18:21	4060	200
13:19:21	4063	200
13:20:21	4070	200
13:21:21	4075	200
13:22:21	4081	200
13:23:21	4086	200
13:24:21	4091	200
13:29:21	4095	200
13:30:21	4111	300
13:31:21	4126	300
13:32:21	4138	300
13:33:21	4148	300
13:34:21	4158	300
13:35:21	4166	300
13:36:21	4175	300
13:37:21	4182	300
13:38:21	4190	300
13:39:21	4198	300
13:40:21	4207	300
13:41:21	4214	300
13:42:21	4220	300
13:43:21	4227	300
13:44:21	4234	300
13:45:21	4238	400
13:46:21	4243	400
13:47:21	4250	400
13:48:21	4254	400
13:49:21	4260	400
13:50:21	4265	400
13:51:21	4269	400
13:52:21	4273	400
13:53:21	4278	400
13:54:21	4286	400
13:55:21	4290	400
13:56:21	4294	400
13:57:21	4299	400
13:58:21	4303	400
13:59:21	4306	400
13:00:21	4325	450
13:01:21	4330	450

13:02:21	4333	450
13:03:21	4336	450
14:04:21	4340	450
14:05:21	4345	450
14:06:21	4351	450
14:07:21	4357	450
14:08:21	4359	450
14:09:21	4363	450
14:10:21	4366	450
14:11:21	4368	450
14:12:21	4370	450
14:13:21	4372	450
14:14:21	4378	500
14:15:21	4380	500
14:16:21	4383	500
14:17:21	4385	500
14:18:21	4388	500
14:19:21	4389	500
14:20:21	4394	500
14:21:21	4398	500
14:22:21	4402	500
14:23:21	4404	500
14:24:21	4412	550
14:25:21	4365	0
14:26:21	4348	0
14:27:21	114	0
14:28:21	14	0
14:29:21	15	0



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE
August 18, 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 Prod. TX & NM Inc.	North Vacuum Abo Unit #209-J	22-17-34
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
August 18, 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 Prod. TX & NM Inc.	North Vacuum Abo Unit #214-D	11-17-34
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

August 18, 1989

RECEIVED

GARREY CARRUTHERS
GOVERNOR

AUG 21 1989

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

OIL CONSERVATION DIV.
SANTA FE

OIL CONSERVATION DIVISON
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 Prod. TX & NM Inc.	North Vacuum Abo Unit #224-B	11-17-34
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
August 18, 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:

Mobil Prod. TX & NM Inc.	North Vacuum Abo Unit #302-J	3-17-34
Operator	Lease & Well No.	Unit
		S-T-R

and my recommendations are as follows:

OK

Very truly yours

Jerry Sexton
Supervisor, District I

/bp