

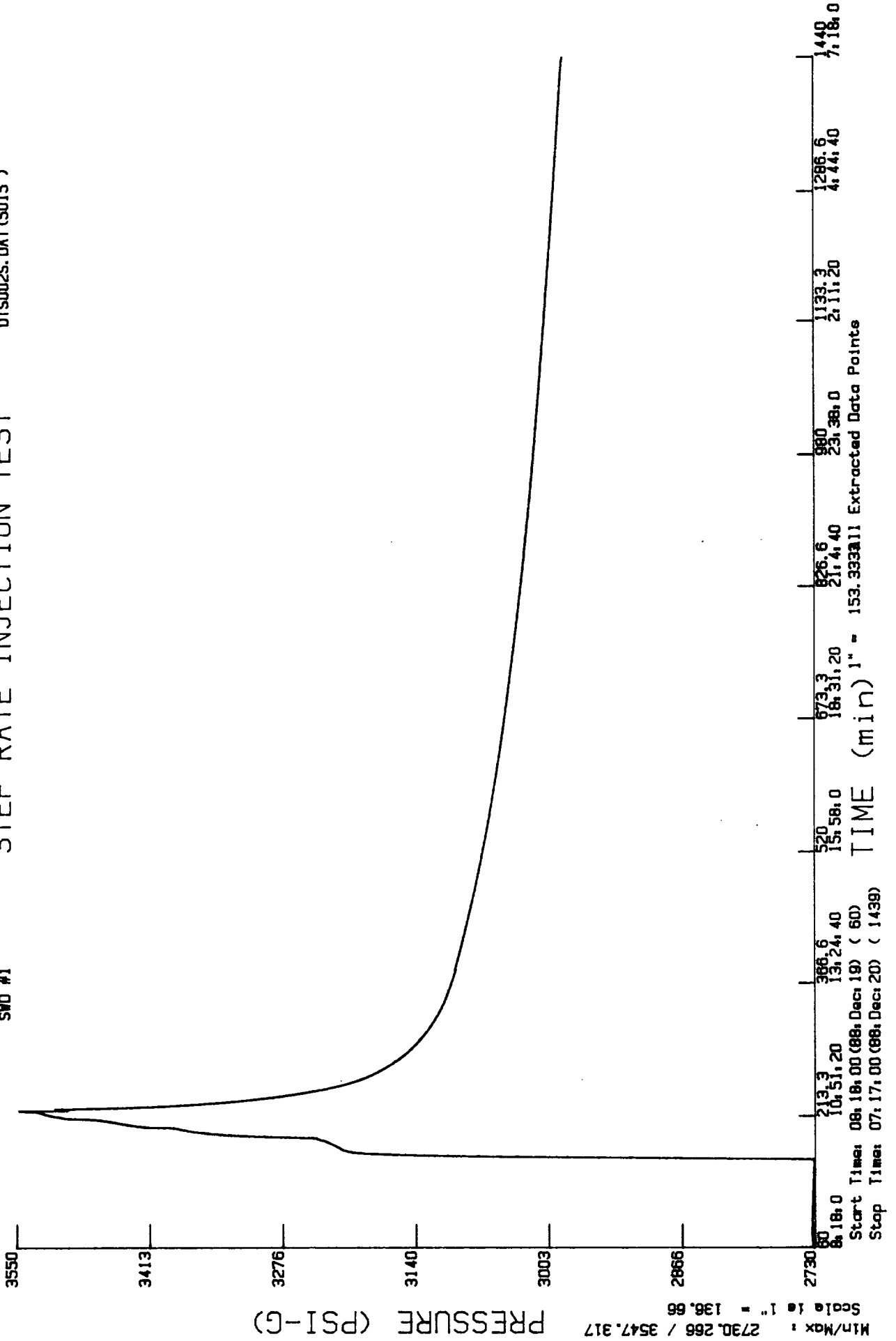
Meridian Oil Company  
Step Rate Injection Test  
Pump canyon SWD #1  
November 19 thru 20, 1988

J-7-30W-08W

NL SPERRY-SUN - EVANSTON DIST.  
 PRESSURE PLOT  
 STEP RATE INJECTION TEST

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SAN JUAN COUNTY  
 SWD #1

NEW MEXICO  
 12/18/88  
 EV-Y5-83088 (00024)  
 DTS002S.DAT (5015 )



Min/Max : 2730.266 / 3547.317  
 Scale 1" = 138.66

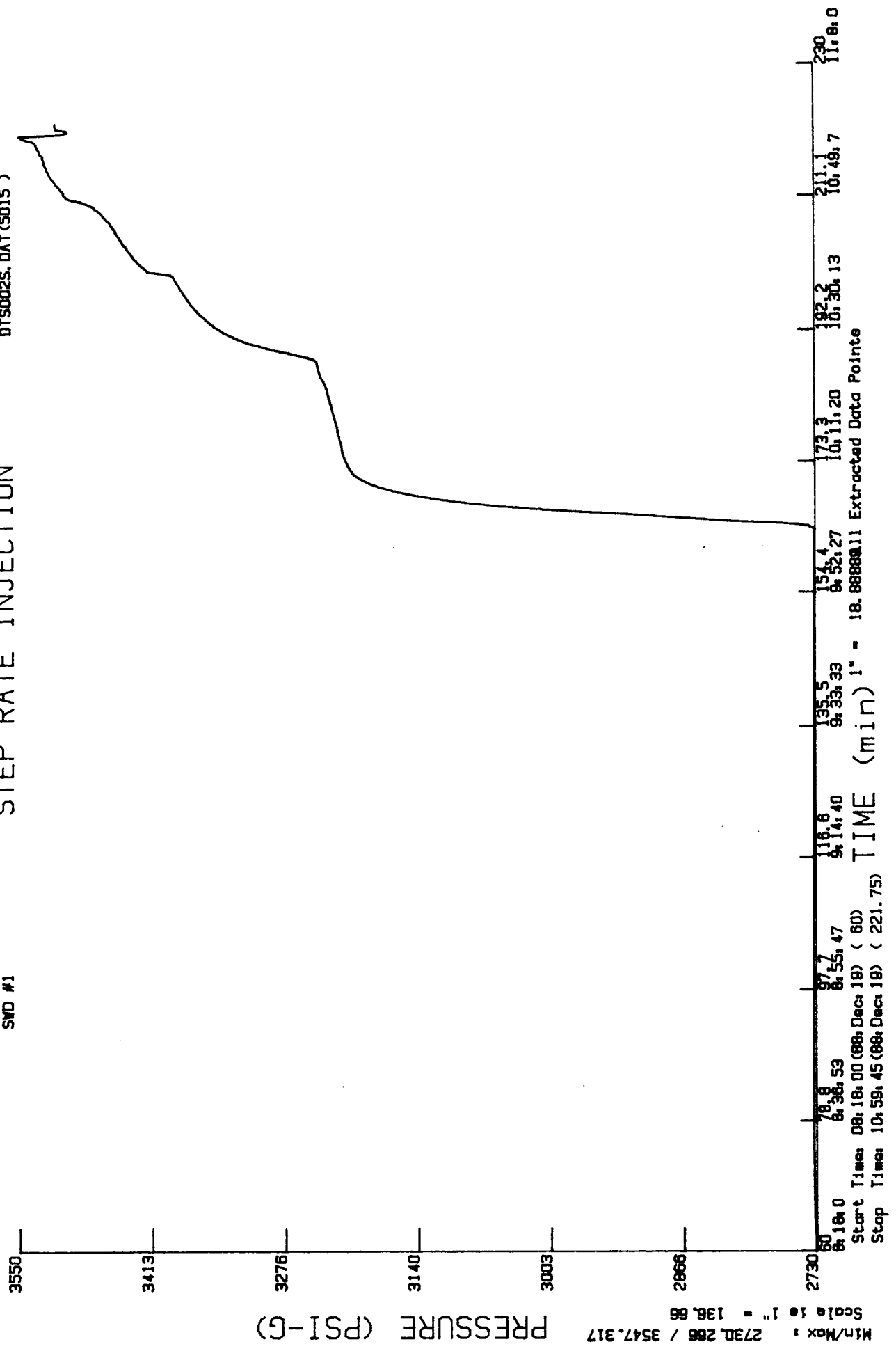
Start Time: 08:18:00 (88, Dec: 18) ( 60)  
 Stop Time: 07:17:00 (88, Dec: 20) ( 1439)

TIME (min) 1" = 153.333311 Extracted Data Points

NL SPERRY-SUN - EVANSTON DIST.  
 PRESSURE PLOT  
 STEP RATE INJECTION

NEW MEXICO  
 12/18/86  
 EV-Y5-83088 (00024)  
 DTS002S.DAT (5015 )

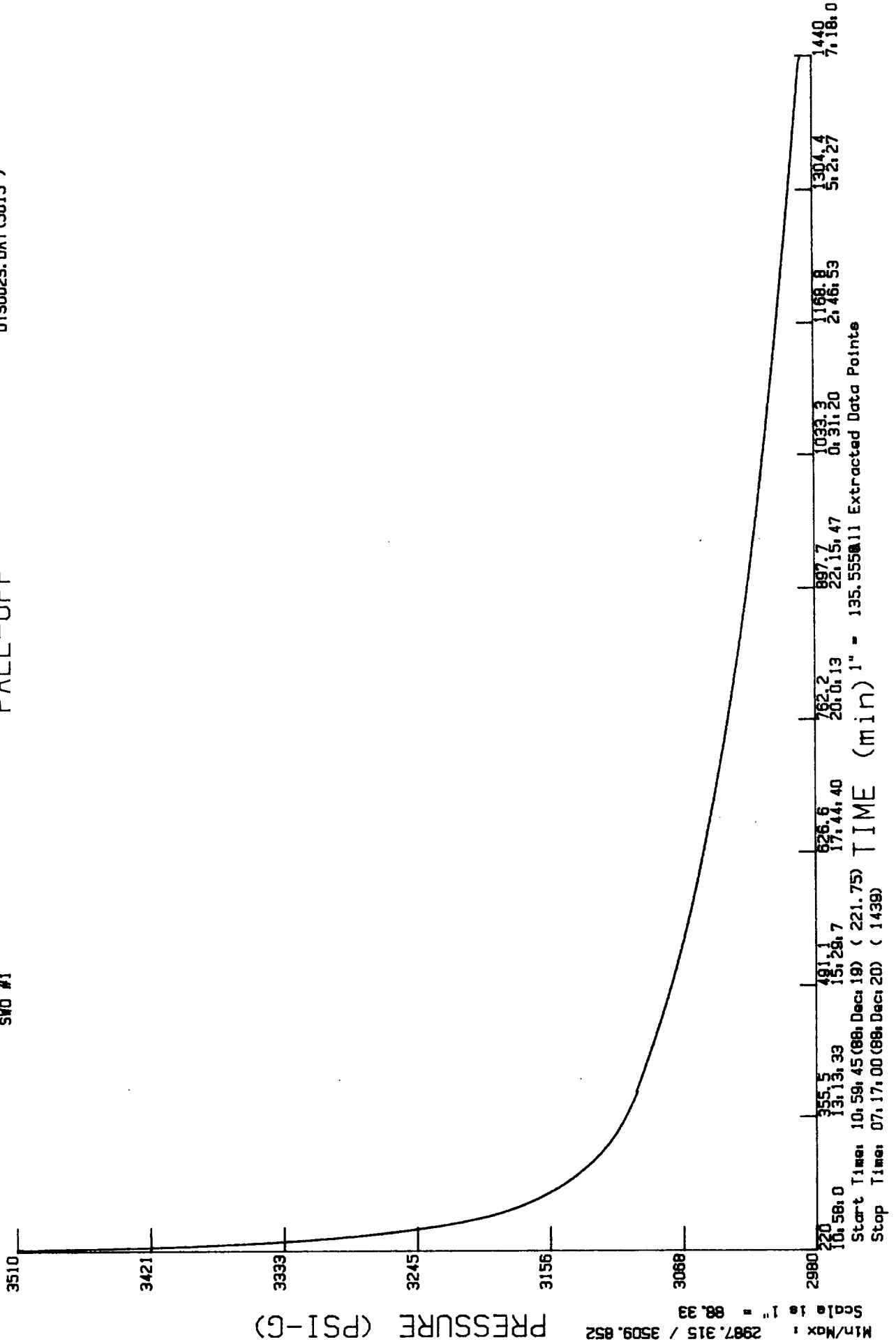
MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SAN JUAN COUNTY  
 SWD #1



NL SPERRY-SUN - EVANSTON DIST.  
 PRESSURE PLOT  
 FALL-OFF

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SAN JUAN COUNTY  
 SWD #1

NEW MEXICO  
 12/18/88  
 EV-Y5-83088 (00024)  
 DT5002S.DAT (5015 )



MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/18/88

EV-YS-83083 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

JOB NUMBER : EV-YS-83083  
 DATA FILE : DTS0023.DAT  
 RECORDER FILE : R00024.DAT  
 COMPANY : MERIDIAN OIL COMPANY  
 DATE OF TEST : 12/18/88  
 DATE OF REPORT : 12/27/88 / 11:20:24  
 FIELD NAME : PUMP CANYON  
 FIELD LOCATION : SAN JUAN COUNTY  
 WELL NAME : SWD #1  
 AREA NAME : NEW MEXICO

RECORDER ELECTRONICS NUMBER : 00024  
 RECORDER POSITION : TOP  
 RECORDER SAMPLE RATE1 : PREF024  
                           2 : N/A  
                           3 : N/A  
                           4 : N/A  
 RECORDER START TIME [HH:MM:SS] 07:18:00  
 RECORDER START DATE : 12/19/88  
 RECORDER DEPTH : 8341.00 F  
 PRESSURE UNITS : PSI-G  
 TEMPERATURE UNITS : F  
 TIME UNITS : MINUTES  
 COMMENTS : THIS IS A STEP RATE INJECTION TEST

DATA REDUCTION: Print when pressure change between records is > : F

FIRST REPORTED RECORD AT : 08:18:00 12/19/88  
 LAST REPORTED RECORD AT : 07:17:00 12/20/88

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/18/88  
 EV-YS-83088 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER TIME (MINUTES)	ELAPSED (F)	TEMPERATURE (PSI-G)	PRESSURE	TIME OF DAY	COMMENTS
60.00	197.12	2730.266	08:18:00	GAUGES ON BOTTOM	
60.50	199.52	2730.439	08:18:30		
60.75	200.67	2730.560	08:18:45		
61.25	202.82	2730.755	08:19:15		
61.50	203.85	2730.950	08:19:30		
62.00	205.85	2731.093	08:20:00		
62.75	208.48	2731.298	08:20:45		
63.25	210.11	2731.428	08:21:15		
63.75	211.60	2731.526	08:21:45		
64.25	212.95	2731.591	08:22:15		
64.50	213.58	2731.797	08:22:30		
65.25	215.32	2731.962	08:23:15		
66.25	217.35	2732.177	08:24:15		
67.50	219.41	2732.364	08:25:30		
70.00	222.39	2732.519	08:28:00		
72.50	224.25	2732.718	08:30:30		
89.50	227.43	2732.568	08:47:30		
97.25	227.54	2732.338	08:55:15		
101.50	227.60	2732.292	08:59:30		
101.75	227.60	2732.013	08:59:45		
113.25	227.63	2731.991	09:11:15		
113.50	227.63	2731.712	09:11:30		
122.00	227.66	2731.550	09:20:00		
129.00	227.68	2731.388	09:27:00		
134.00	227.68	2731.248	09:32:00		
140.00	227.71	2731.086	09:38:00		
145.25	227.71	2730.947	09:43:15		
152.00	227.77	2730.762	09:50:00		
154.50	227.74	2730.784	09:52:30		
154.75	227.77	2730.483	09:52:45		
156.25	227.77	2730.622	09:54:15		
161.75	227.80	2730.739	09:59:45		
163.50	227.80	2730.739	10:01:30		
163.75	227.80	2731.297	10:01:45	START INJECTION	
164.00	227.80	2735.898	10:02:00		
164.25	227.80	2745.659	10:02:15		
164.50	227.80	2769.643	10:02:30		
164.75	227.80	2818.033	10:02:45		
165.00	227.80	2843.276	10:03:00		
165.25	227.77	2868.544	10:03:15		
165.50	227.77	2895.604	10:03:30		
165.75	227.77	2918.759	10:03:45		
166.00	227.77	2951.122	10:04:00		
166.25	227.77	2984.465	10:04:15		

MERIDIAN GIL COMPANY  
PUMP CANYON  
SWD #1

NEW MEXICO  
12/18/88  
EV-YS-83000 (Recorder: 00024)

## B A S I C F O R M A T

## STEP RATE INJECTION TEST

12/19/88

RECORDER TIME (MINUTES)	ELAPSED (F)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
166.50	227.77	3011.113	10:04:30		
166.75	227.77	3034.972	10:04:45		
167.00	227.77	3056.320	10:05:00		
167.25	227.77	3075.298	10:05:15		
167.50	227.74	3092.069	10:05:30		
167.75	227.74	3106.861	10:05:45		
168.00	227.71	3119.447	10:06:00		
168.25	227.66	3131.779	10:06:15		
168.50	227.63	3141.993	10:06:30		
168.75	227.54	3151.143	10:06:45		
169.00	227.48	3159.430	10:07:00		
169.25	227.37	3166.373	10:07:15		
169.50	227.28	3172.872	10:07:30		
169.75	227.17	3178.839	10:07:45		
170.00	227.00	3183.881	10:08:00		
170.25	226.83	3188.366	10:08:15		
170.50	226.63	3192.179	10:08:30		
170.75	226.40	3195.600	10:08:45		
171.00	226.14	3199.326	10:09:00		
171.25	225.91	3201.631	10:09:15		
171.50	225.60	3204.293	10:09:30		
171.75	225.28	3206.118	10:09:45		
172.00	224.91	3207.018	10:10:00		
172.25	224.51	3208.643	10:10:15		
172.50	224.00	3209.595	10:10:30		
172.75	223.62	3210.714	10:10:45		
173.00	223.13	3211.300	10:11:00		
173.25	222.62	3212.052	10:11:15		
173.50	222.05	3212.856	10:11:30		
173.75	221.47	3213.661	10:11:45		
174.00	220.84	3214.517	10:12:00		
174.25	220.22	3215.094	10:12:15		
174.50	219.56	3215.837	10:12:30		
174.75	218.84	3216.212	10:12:45		
175.00	218.13	3216.446	10:13:00		
175.25	217.35	3216.872	10:13:15		
175.50	216.55	3217.043	10:13:30		
175.75	215.75	3217.634	10:13:45		
176.00	214.95	3217.663	10:14:00		
176.25	214.06	3218.190	10:14:15		
176.50	213.18	3218.715	10:14:30		
176.75	212.26	3219.265	10:14:45		
177.00	211.32	3219.558	10:15:00		
177.25	210.40	3220.245	10:15:15		

MERIDIAN OIL COMPANY  
PUMP CANYON  
SWD #1

NEW MEXICO  
12/18/88  
EV-YS-03008 (Recorder: 00024)

## B A S I C F O R M A T

## STEP RATE INJECTION TEST

12/19/88

RECORDER TIME (MINUTES)	ELAPSED (F)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
177.50	209.43	3220.701	10:15:30		
177.75	208.40	3221.065	10:15:45		
178.00	207.39	3221.261	10:16:00		
178.25	206.36	3221.761	10:16:15		
178.50	205.31	3221.861	10:16:30		
178.75	204.28	3222.213	10:16:45		
179.00	203.19	3223.034	10:17:00		
179.25	202.10	3223.569	10:17:15		
179.50	200.98	3224.125	10:17:30		
179.75	199.87	3224.394	10:17:45		
180.00	198.75	3224.939	10:18:00		
180.25	197.64	3225.337	10:18:15		
180.50	196.49	3225.894	10:18:30		
180.75	195.35	3226.303	10:18:45		
181.00	194.20	3226.844	10:19:00		
181.25	193.03	3227.400	10:19:15		
181.50	191.88	3227.641	10:19:30		
181.75	190.77	3228.270	10:19:45		
182.00	189.59	3228.793	10:20:00		
182.25	188.45	3229.278	10:20:15		
182.50	187.28	3229.911	10:20:30		
182.75	186.13	3230.220	10:20:45		
183.00	184.99	3230.646	10:21:00		
183.25	183.81	3231.202	10:21:15		
183.50	182.67	3231.691	10:21:30		
183.75	181.50	3231.599	10:21:45		
184.00	180.32	3232.513	10:22:00		
184.25	179.18	3233.118	10:22:15		
184.50	178.03	3233.863	10:22:30		
184.75	176.86	3234.916	10:22:45		
185.00	175.69	3235.686	10:23:00		
185.25	174.54	3237.278	10:23:15		
185.50	173.37	3238.047	10:23:30		
185.75	172.22	3238.649	10:23:45		
186.00	171.05	3239.275	10:24:00		
186.25	169.88	3240.042	10:24:15		
186.50	168.70	3240.384	10:24:30		
186.75	167.53	3241.008	10:24:45		
187.00	166.39	3241.464	10:25:00		
187.25	165.24	3241.777	10:25:15		
187.50	164.07	3242.258	10:25:30		
187.75	162.89	3242.595	10:25:45		
188.00	161.72	3244.917	10:26:00		
188.25	160.58	3249.199	10:26:15		



MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/18/88  
 EV-YS-83088 (Recorder: 00024)

B A S I C   F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
188.50	159.43	3255.185	10:26:30	
188.75	158.23	3263.638	10:26:45	
189.00	157.09	3270.481	10:27:00	
189.25	155.94	3279.741	10:27:15	
189.50	154.77	3288.463	10:27:30	
189.75	153.65	3294.295	10:27:45	
190.00	152.48	3300.749	10:28:00	
190.25	151.36	3307.723	10:28:15	
190.50	150.19	3314.041	10:28:30	
190.75	149.07	3318.602	10:28:45	
191.00	147.93	3323.190	10:29:00	
191.25	146.78	3327.353	10:29:15	
191.50	145.64	3331.232	10:29:30	
191.75	144.55	3335.060	10:29:45	
192.00	143.41	3338.229	10:30:00	
192.25	142.32	3340.919	10:30:15	
192.50	141.26	3343.584	10:30:30	
192.75	140.17	3346.703	10:30:45	
193.00	139.09	3348.966	10:31:00	
193.25	138.03	3351.490	10:31:15	
193.50	137.00	3353.559	10:31:30	
193.75	135.94	3355.797	10:31:45	
194.00	134.91	3357.582	10:32:00	
194.25	133.91	3359.768	10:32:15	
194.50	132.88	3362.124	10:32:30	
194.75	131.90	3363.999	10:32:45	
195.00	130.96	3365.849	10:33:00	
195.25	130.01	3367.413	10:33:15	
195.50	129.10	3368.808	10:33:30	
195.75	128.24	3370.438	10:33:45	
196.00	127.38	3371.638	10:34:00	
196.25	126.49	3373.150	10:34:15	
196.50	125.69	3374.442	10:34:30	
196.75	124.86	3375.616	10:34:45	
197.00	124.09	3376.738	10:35:00	
197.25	123.29	3378.459	10:35:15	
197.50	122.57	3379.816	10:35:30	
197.75	121.80	3380.222	10:35:45	
198.00	121.09	3382.009	10:36:00	
198.25	120.43	3382.742	10:36:15	
198.50	119.74	3383.786	10:36:30	
198.75	119.11	3385.209	10:36:45	
199.00	118.45	3386.228	10:37:00	
199.25	117.82	3387.508	10:37:15	

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NFW MEXICO  
 12/18/88  
 EV-YS-83088 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
199.50	117.25	3388.450	10:37:30	
199.75	116.68	3389.392	10:37:45	
200.00	116.13	3391.885	10:38:00	
200.25	115.62	3403.529	10:38:15	
200.50	115.08	3416.205	10:38:30	
200.75	114.59	3417.647	10:38:45	
201.00	114.10	3419.518	10:39:00	
201.25	113.64	3422.081	10:39:15	
201.50	113.19	3423.928	10:39:30	
201.75	112.79	3426.297	10:39:45	
202.00	112.36	3427.400	10:40:00	
202.25	111.96	3429.626	10:40:15	
202.50	111.58	3430.678	10:40:30	
202.75	111.24	3432.135	10:40:45	
203.00	110.87	3433.187	10:41:00	
203.25	110.53	3434.788	10:41:15	
203.50	110.21	3436.363	10:41:30	
203.75	109.92	3437.482	10:41:45	
204.00	109.64	3438.744	10:42:00	
204.25	109.38	3440.268	10:42:15	
204.50	109.09	3441.531	10:42:30	
204.75	108.84	3442.624	10:42:45	
205.00	108.61	3443.979	10:43:00	
205.25	108.35	3445.216	10:43:15	
205.50	108.15	3446.402	10:43:30	
205.75	107.92	3447.757	10:43:45	
206.00	107.75	3448.630	10:44:00	
206.25	107.52	3449.266	10:44:15	
206.50	107.38	3450.688	10:44:30	
206.75	107.18	3452.018	10:44:45	
207.00	107.01	3453.178	10:45:00	
207.25	106.86	3453.882	10:45:15	
207.50	106.69	3455.329	10:45:30	
207.75	106.55	3457.470	10:45:45	
208.00	106.40	3458.892	10:46:00	
208.25	106.29	3460.863	10:46:15	
208.50	106.12	3462.168	10:46:30	
208.75	106.00	3463.133	10:46:45	
209.00	105.92	3465.510	10:47:00	
209.25	105.77	3467.651	10:47:15	
209.50	105.69	3470.172	10:47:30	
209.75	105.57	3471.425	10:47:45	
210.00	105.49	3475.383	10:48:00	
210.25	105.40	3479.629	10:48:15	

MERIDIAN OIL COMPANY  
PUMP CANYON  
SWD #1

NEW MEXICO  
12/18/88  
EV-YS-83088 (Recorder: 00024)

## B A S I C F O R M A T

## STEP RATE INJECTION TEST

12/19/88

RECORDER TIME (MINUTES)	ELAPSED (F)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
210.50	105.32	3483.876	10:48:30		
210.75	105.23	3493.872	10:48:45		
211.00	105.12	3498.720	10:49:00		
211.25	105.06	3500.065	10:49:15		
211.50	105.00	3502.418	10:49:30		
211.75	104.92	3502.064	10:49:45		
212.00	104.86	3503.554	10:50:00		
212.25	104.80	3505.331	10:50:15		
212.50	104.74	3506.390	10:50:30		
212.75	104.72	3508.141	10:50:45		
213.00	104.63	3509.944	10:51:00		
213.25	104.60	3510.977	10:51:15		
213.50	104.57	3512.153	10:51:30		
213.75	104.52	3513.643	10:51:45		
214.00	104.49	3514.820	10:52:00		
214.25	104.46	3516.140	10:52:15		
214.50	104.43	3516.885	10:52:30		
214.75	104.40	3517.630	10:52:45		
215.00	104.37	3518.806	10:53:00		
215.25	104.34	3519.264	10:53:15		
215.50	104.32	3520.009	10:53:30		
215.75	104.32	3521.159	10:53:45		
216.00	104.26	3521.642	10:54:00		
216.25	104.26	3522.074	10:54:15		
216.50	104.26	3522.361	10:54:30		
216.75	104.23	3522.963	10:54:45		
217.00	104.20	3523.995	10:55:00		
217.25	104.23	3523.394	10:55:15		
217.50	104.20	3525.865	10:55:30		
217.75	104.17	3526.466	10:55:45		
218.00	104.17	3527.329	10:56:00		
218.25	104.17	3528.479	10:56:15		
218.50	104.17	3529.342	10:56:30		
218.75	104.17	3530.205	10:56:45		
219.00	104.17	3530.780	10:57:00		
219.25	104.17	3533.512	10:57:15		
219.50	104.17	3540.558	10:57:30		
219.75	104.17	3544.872	10:57:45		
220.00	104.17	3547.317	10:58:00		LOWER GAUGES TO 8366 FT.
220.25	104.17	3504.035	10:58:15		TO AVOID TURBULENT FLOW
220.50	104.17	3497.277	10:58:30		AT INCREASED INJECTION RATE
220.75	104.20	3498.689	10:58:45		
221.00	104.20	3509.185	10:59:00		
221.25	104.20	3510.048	10:59:15		

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/18/88  
 FV-YS-83088 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
221.50	104.23	3510.309	10:59:30	
221.75	104.26	3509.852	10:59:45	INJECTION STOPPED
222.00	104.26	3494.898	11:00:00	
222.25	104.29	3491.566	11:00:15	
222.50	104.32	3477.306	11:00:30	
222.75	104.34	3466.210	11:00:45	
223.00	104.37	3455.977	11:01:00	
223.25	104.43	3446.006	11:01:15	
223.50	104.46	3437.067	11:01:30	
223.75	104.49	3429.135	11:01:45	
224.00	104.54	3421.610	11:02:00	
224.25	104.57	3415.116	11:02:15	
224.50	104.66	3409.146	11:02:30	
224.75	104.72	3403.777	11:02:45	
225.00	104.77	3398.983	11:03:00	
225.25	104.83	3394.620	11:03:15	
225.50	104.89	3390.258	11:03:30	
225.75	104.97	3386.014	11:03:45	
226.00	105.06	3381.914	11:04:00	
226.25	105.20	3377.764	11:04:15	
226.50	105.29	3374.096	11:04:30	
226.75	105.43	3370.377	11:04:45	
227.00	105.57	3366.803	11:05:00	
227.25	105.72	3363.229	11:05:15	
227.50	105.89	3359.917	11:05:30	
227.75	106.06	3356.605	11:05:45	
228.00	106.26	3353.269	11:06:00	
228.25	106.46	3350.363	11:06:15	
228.50	106.66	3347.171	11:06:30	
228.75	106.86	3344.266	11:06:45	
229.00	107.09	3341.337	11:07:00	
229.25	107.32	3338.551	11:07:15	
229.50	107.58	3335.885	11:07:30	
229.75	107.81	3333.100	11:07:45	
230.00	108.06	3330.577	11:08:00	
230.25	108.32	3328.054	11:08:15	
230.50	108.61	3325.364	11:08:30	
230.75	108.84	3323.010	11:08:45	
231.00	109.12	3320.607	11:09:00	
231.25	109.41	3318.348	11:09:15	
231.50	109.70	3315.945	11:09:30	
231.75	109.95	3313.711	11:09:45	
232.00	110.24	3311.453	11:10:00	
232.25	110.50	3309.219	11:10:15	

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RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
232.50	110.78	3307.248	11:10:30	
232.75	111.07	3304.990	11:10:45	
233.00	111.38	3302.994	11:11:00	
233.25	111.67	3300.880	11:11:15	
233.50	111.93	3298.935	11:11:30	
233.75	112.24	3296.939	11:11:45	
234.00	112.53	3295.113	11:12:00	
234.25	112.81	3292.999	11:12:15	
234.50	113.10	3291.317	11:12:30	
234.75	113.42	3289.466	11:12:45	
235.00	113.70	3287.496	11:13:00	
235.25	113.99	3285.670	11:13:15	
235.50	114.25	3284.013	11:13:30	
235.75	114.56	3282.306	11:13:45	
236.00	114.85	3280.481	11:14:00	
236.25	115.13	3278.942	11:14:15	
236.50	115.42	3277.117	11:14:30	
236.75	115.73	3275.554	11:14:45	
237.00	116.02	3274.016	11:15:00	
237.25	116.36	3272.428	11:15:15	
237.50	116.65	3270.747	11:15:30	
237.75	116.94	3269.209	11:15:45	
238.00	117.28	3267.622	11:16:00	
238.25	117.59	3266.060	11:16:15	
238.50	117.91	3264.641	11:16:30	
238.75	118.22	3263.222	11:16:45	
239.00	118.54	3261.804	11:17:00	
239.25	118.82	3260.267	11:17:15	
239.50	119.14	3258.848	11:17:30	
239.75	119.48	3257.262	11:17:45	
240.00	119.80	3255.987	11:18:00	
240.25	120.14	3254.687	11:18:15	
240.50	120.43	3253.294	11:18:30	
240.75	120.77	3251.851	11:18:45	
241.00	121.11	3250.552	11:19:00	
241.25	121.40	3249.302	11:19:15	
241.50	121.74	3248.003	11:19:30	
241.75	122.06	3246.729	11:19:45	
242.00	122.37	3245.455	11:20:00	
242.25	122.72	3244.156	11:20:15	
242.50	123.06	3243.000	11:20:30	
242.75	123.35	3241.751	11:20:45	
243.00	123.69	3240.595	11:21:00	
243.25	124.00	3239.465	11:21:15	

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RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
243.50	124.32	3238.334	11:21:30	
243.75	124.66	3237.179	11:21:45	
244.00	124.98	3236.048	11:22:00	
244.25	125.29	3234.918	11:22:15	
244.50	125.61	3233.644	11:22:30	
244.75	125.95	3232.632	11:22:45	
245.00	126.26	3231.502	11:23:00	
245.25	126.58	3230.372	11:23:15	
245.50	126.92	3229.360	11:23:30	
245.75	127.24	3228.230	11:23:45	
246.00	127.55	3227.243	11:24:00	
246.25	127.90	3226.231	11:24:15	
246.50	128.18	3225.269	11:24:30	
246.75	128.53	3224.258	11:24:45	
247.00	128.84	3223.271	11:25:00	
247.25	129.16	3222.284	11:25:15	
247.50	129.44	3221.465	11:25:30	
247.75	129.78	3220.454	11:25:45	
248.00	130.07	3219.492	11:26:00	
248.25	130.39	3218.648	11:26:15	
248.50	130.73	3217.637	11:26:30	
248.75	131.02	3216.675	11:26:45	
249.00	131.33	3215.832	11:27:00	
249.25	131.64	3214.988	11:27:15	
249.50	131.96	3214.145	11:27:30	
249.75	132.25	3213.326	11:27:45	
250.00	132.56	3212.483	11:28:00	
250.25	132.85	3211.521	11:28:15	
250.50	133.16	3210.678	11:28:30	
250.75	133.42	3210.027	11:28:45	
251.00	133.71	3209.066	11:29:00	
251.25	134.02	3208.365	11:29:15	
251.50	134.31	3207.690	11:29:30	
251.75	134.59	3206.728	11:29:45	
252.00	134.88	3206.053	11:30:00	
252.25	135.16	3205.377	11:30:15	
252.50	135.45	3204.559	11:30:30	
252.75	135.71	3203.765	11:30:45	
253.00	135.97	3203.115	11:31:00	
253.25	136.25	3202.439	11:31:15	
253.50	136.54	3201.621	11:31:30	
253.75	136.80	3201.113	11:31:45	
254.00	137.05	3200.319	11:32:00	
254.25	137.28	3199.693	11:32:15	

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RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
254.50	137.54	3199.043	11:32:30	
254.75	137.83	3198.367	11:32:45	
255.00	138.08	3197.574	11:33:00	
255.25	138.31	3197.091	11:33:15	
255.50	138.54	3196.465	11:33:30	
255.75	138.80	3195.814	11:33:45	
256.00	139.03	3195.189	11:34:00	
256.25	139.29	3194.681	11:34:15	
256.50	139.51	3194.055	11:34:30	
256.75	139.77	3193.404	11:34:45	
257.00	140.00	3192.779	11:35:00	
257.25	140.20	3192.178	11:35:15	
257.50	140.43	3191.695	11:35:30	
257.75	140.66	3191.069	11:35:45	
258.00	140.89	3190.586	11:36:00	
258.25	141.12	3189.960	11:36:15	
258.50	141.35	3189.477	11:36:30	
258.75	141.58	3188.709	11:36:45	
259.00	141.78	3188.251	11:37:00	
259.25	142.00	3187.625	11:37:15	
259.50	142.20	3187.310	11:37:30	
259.75	142.40	3186.709	11:37:45	
260.00	142.63	3186.226	11:38:00	
260.25	142.83	3185.768	11:38:15	
260.50	143.01	3185.192	11:38:30	
260.75	143.21	3184.734	11:38:45	
261.00	143.44	3184.108	11:39:00	
261.25	143.64	3183.792	11:39:15	
261.50	143.81	3183.217	11:39:30	
261.75	144.04	3182.734	11:39:45	
262.00	144.21	3182.300	11:40:00	
262.25	144.41	3181.842	11:40:15	
262.50	144.58	3181.409	11:40:30	
262.75	144.78	3180.808	11:40:45	
263.00	144.98	3180.492	11:41:00	
263.25	145.12	3179.941	11:41:15	
263.50	145.32	3179.483	11:41:30	
263.75	145.50	3179.050	11:41:45	
264.00	145.67	3178.617	11:42:00	
264.25	145.87	3178.159	11:42:15	
264.50	146.04	3177.725	11:42:30	
264.75	146.21	3177.150	11:42:45	
265.00	146.41	3176.834	11:43:00	
265.25	146.55	3176.426	11:43:15	

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 RECORDER ELAPSED TEMPERATURE PRESSURE TIME OF DAY COMMENTS  
 TIME (MINUTES) (F) (PSI-G)  
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265.50	146.73	3175.992	11:43:30	
265.75	146.90	3175.559	11:43:45	
266.00	147.04	3175.151	11:44:00	
266.25	147.21	3174.718	11:44:15	
266.50	147.38	3174.427	11:44:30	
266.75	147.56	3173.993	11:44:45	
267.00	147.73	3173.418	11:45:00	
267.25	147.84	3173.177	11:45:15	
267.50	148.01	3172.743	11:45:30	
267.75	148.19	3172.310	11:45:45	
268.00	148.33	3171.902	11:46:00	
268.25	148.50	3171.469	11:46:15	
268.50	148.61	3171.085	11:46:30	
268.75	148.79	3170.652	11:46:45	
269.00	148.93	3170.386	11:47:00	
269.25	149.07	3169.978	11:47:15	
269.50	149.24	3169.687	11:47:30	
269.75	149.39	3169.136	11:47:45	
270.00	149.50	3168.895	11:48:00	
270.25	149.65	3168.487	11:48:15	
270.50	149.82	3168.054	11:48:30	
270.75	149.96	3167.788	11:48:45	
271.00	150.10	3167.379	11:49:00	
271.25	150.22	3166.996	11:49:15	
271.50	150.36	3166.588	11:49:30	
271.75	150.48	3166.204	11:49:45	
272.00	150.62	3165.796	11:50:00	
272.25	150.76	3165.530	11:50:15	
272.50	150.88	3165.147	11:50:30	
272.75	151.02	3164.739	11:50:45	
273.00	151.16	3164.473	11:51:00	
273.25	151.28	3164.231	11:51:15	
273.50	151.42	3163.681	11:51:30	
273.75	151.51	3163.465	11:51:45	
274.00	151.65	3163.057	11:52:00	
274.25	151.79	3162.791	11:52:15	
274.50	151.88	3162.290	11:52:30	
274.75	151.99	3161.907	11:52:45	
275.00	152.13	3161.783	11:53:00	
275.25	152.25	3161.399	11:53:15	
275.50	152.39	3160.991	11:53:30	
275.75	152.51	3160.608	11:53:45	
276.00	152.59	3160.392	11:54:00	
276.25	152.71	3160.008	11:54:15	



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 RECORDER ELAPSED TEMPERATURE PRESSURE TIME OF DAY COMMENTS  
 TIME (MINUTES) (F) (PSI-G)  
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276.50	152.82	3159.625	11:54:30	
276.75	152.96	3159.359	11:54:45	
277.00	153.08	3158.976	11:55:00	
277.25	153.19	3158.735	11:55:15	
277.50	153.28	3158.376	11:55:30	
277.75	153.39	3158.135	11:55:45	
278.00	153.51	3157.894	11:56:00	
278.25	153.59	3157.536	11:56:15	
278.50	153.71	3157.152	11:56:30	
278.75	153.82	3156.911	11:56:45	
279.00	153.94	3156.386	11:57:00	
279.25	154.02	3156.312	11:57:15	
279.50	154.17	3155.904	11:57:30	
279.75	154.25	3155.688	11:57:45	
280.00	154.34	3155.329	11:58:00	
280.25	154.48	3155.063	11:58:15	
280.50	154.57	3154.705	11:58:30	
280.75	154.65	3154.489	11:58:45	
281.00	154.77	3154.106	11:59:00	
281.25	154.85	3153.889	11:59:15	
281.50	154.97	3153.506	11:59:30	
281.75	155.05	3153.148	11:59:45	
282.00	155.17	3152.907	12:00:00	
282.25	155.25	3152.691	12:00:15	
282.50	155.37	3152.307	12:00:30	
282.75	155.48	3152.066	12:00:45	
283.00	155.57	3151.708	12:01:00	
283.25	155.65	3151.492	12:01:15	
283.50	155.74	3151.276	12:01:30	
283.75	155.86	3150.893	12:01:45	
284.00	155.97	3150.510	12:02:00	
284.25	156.06	3150.293	12:02:15	
284.50	156.14	3150.077	12:02:30	
284.75	156.23	3149.719	12:02:45	
285.00	156.34	3149.478	12:03:00	
285.25	156.43	3149.262	12:03:15	
285.50	156.51	3149.045	12:03:30	
285.75	156.63	3148.662	12:03:45	
286.00	156.71	3148.446	12:04:00	
286.25	156.80	3148.230	12:04:15	
286.50	156.91	3147.847	12:04:30	
286.75	157.00	3147.489	12:04:45	
287.00	157.09	3147.273	12:05:00	
287.25	157.20	3147.174	12:05:15	

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RECORDER TIME (MINUTES)	ELAPSED TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
287.50	157.26	3146.840	12:05:30	
287.75	157.34	3146.482	12:05:45	
288.00	157.46	3146.241	12:06:00	
288.25	157.54	3146.025	12:06:15	
288.50	157.66	3145.784	12:06:30	
288.75	157.74	3145.568	12:06:45	
289.00	157.80	3145.376	12:07:00	
289.25	157.92	3145.135	12:07:15	
289.50	158.00	3144.919	12:07:30	
289.75	158.09	3144.561	12:07:45	
290.00	158.20	3144.320	12:08:00	
290.25	158.26	3144.129	12:08:15	
290.50	158.37	3143.746	12:08:30	
290.75	158.46	3143.672	12:08:45	
291.00	158.55	3143.314	12:09:00	
291.25	158.60	3143.122	12:09:15	
291.50	158.72	3142.881	12:09:30	
291.75	158.80	3142.665	12:09:45	
292.00	158.89	3142.449	12:10:00	
292.25	158.95	3142.116	12:10:15	
292.50	159.06	3142.017	12:10:30	
292.75	159.12	3141.684	12:10:45	
293.00	159.23	3141.443	12:11:00	
293.25	159.32	3141.368	12:11:15	
293.50	159.40	3141.011	12:11:30	
293.75	159.49	3140.794	12:11:45	
294.00	159.58	3140.578	12:12:00	
294.25	159.63	3140.387	12:12:15	
294.50	159.75	3140.146	12:12:30	
294.75	159.80	3139.813	12:12:45	
295.00	159.89	3139.739	12:13:00	
295.25	160.00	3139.498	12:13:15	
295.50	160.06	3139.306	12:13:30	
295.75	160.15	3138.948	12:13:45	
296.00	160.26	3138.708	12:14:00	
296.25	160.32	3138.658	12:14:15	
296.50	160.41	3138.300	12:14:30	
296.75	160.52	3138.059	12:14:45	
297.00	160.58	3138.010	12:15:00	
297.25	160.69	3137.627	12:15:15	
297.50	160.75	3137.578	12:15:30	
297.75	160.83	3137.362	12:15:45	
298.00	160.92	3137.146	12:16:00	
298.25	161.01	3136.788	12:16:15	

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298.50	161.06	3136.738	12:16:30	
298.75	161.15	3136.522	12:16:45	
299.00	161.26	3136.281	12:17:00	
299.25	161.35	3136.065	12:17:15	
299.50	161.44	3135.849	12:17:30	
299.75	161.49	3135.800	12:17:45	
300.00	161.58	3135.442	12:18:00	
300.25	161.64	3135.392	12:18:15	
300.50	161.72	3135.176	12:18:30	
300.75	161.81	3134.960	12:18:45	
301.00	161.89	3134.744	12:19:00	
301.25	161.98	3134.387	12:19:15	
301.50	162.09	3134.288	12:19:30	
301.75	162.15	3134.096	12:19:45	
302.00	162.21	3133.905	12:20:00	
302.25	162.29	3133.689	12:20:15	
302.50	162.38	3133.615	12:20:30	
302.75	162.47	3133.257	12:20:45	
303.00	162.55	3133.183	12:21:00	
303.25	162.64	3132.967	12:21:15	
303.50	162.69	3132.775	12:21:30	
303.75	162.78	3132.559	12:21:45	
304.00	162.87	3132.485	12:22:00	
304.25	162.95	3132.269	12:22:15	
304.50	163.04	3132.053	12:22:30	
304.75	163.10	3131.862	12:22:45	
305.00	163.18	3131.646	12:23:00	
305.25	163.30	3131.405	12:23:15	
305.50	163.35	3131.214	12:23:30	
305.75	163.44	3131.140	12:23:45	
306.00	163.50	3130.948	12:24:00	
306.25	163.61	3130.708	12:24:15	
306.50	163.67	3130.650	12:24:30	
306.75	163.75	3130.442	12:24:45	
307.00	163.84	3130.368	12:25:00	
307.25	163.93	3130.152	12:25:15	
307.50	163.98	3129.819	12:25:30	
307.75	164.07	3129.603	12:25:45	
308.00	164.13	3129.554	12:26:00	
308.25	164.24	3129.313	12:26:15	
308.50	164.30	3129.122	12:26:30	
308.75	164.38	3128.906	12:26:45	
309.00	164.44	3128.856	12:27:00	
309.25	164.55	3128.616	12:27:15	

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 RECORDER ELAPSED TEMPERATURE PRESSURE TIME OF DAY COMMENTS  
 TIME (MINUTES) (F) (PSI-G)  
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309.50	164.64	3128.400	12:27:30	
309.75	164.70	3128.350	12:27:45	
310.00	164.78	3128.134	12:28:00	
310.25	164.87	3127.918	12:28:15	
310.50	164.93	3127.727	12:28:30	
311.00	165.10	3127.579	12:29:00	
311.25	165.16	3127.246	12:29:15	
311.50	165.24	3127.171	12:29:30	
311.75	165.33	3126.956	12:29:45	
312.00	165.41	3126.740	12:30:00	
312.25	165.47	3126.548	12:30:15	
312.50	165.58	3126.308	12:30:30	
312.75	165.64	3126.258	12:30:45	
313.00	165.73	3126.042	12:31:00	
313.25	165.81	3125.968	12:31:15	
313.50	165.87	3125.777	12:31:30	
313.75	165.96	3125.561	12:31:45	
314.00	166.01	3125.512	12:32:00	
314.25	166.10	3125.296	12:32:15	
314.50	166.16	3125.104	12:32:30	
315.00	166.33	3124.956	12:33:00	
315.25	166.39	3124.765	12:33:15	
315.50	166.50	3124.383	12:33:30	
316.00	166.62	3124.284	12:34:00	
316.25	166.70	3124.068	12:34:15	
316.50	166.79	3123.852	12:34:30	
316.75	166.84	3123.802	12:34:45	
317.00	166.93	3123.586	12:35:00	
317.25	167.02	3123.512	12:35:15	
317.50	167.10	3123.296	12:35:30	
317.75	167.13	3123.130	12:35:45	
318.00	167.24	3123.031	12:36:00	
318.25	167.30	3122.698	12:36:15	
318.50	167.36	3122.649	12:36:30	
318.75	167.45	3122.433	12:36:45	
319.00	167.50	3122.383	12:37:00	
319.25	167.59	3122.167	12:37:15	
319.50	167.65	3122.118	12:37:30	
319.75	167.73	3121.902	12:37:45	
320.00	167.79	3121.852	12:38:00	
320.25	167.90	3121.612	12:38:15	
320.50	167.96	3121.421	12:38:30	
320.75	168.02	3121.230	12:38:45	
321.25	168.16	3121.106	12:39:15	

MERIDIAN OIL COMPANY  
 PUMP CANYON  
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NEW MEXICO  
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B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER TIME (MINUTES)	ELAPSED (F)	TEMPERATURE (PSI-G)	PRESSURE	TIME OF DAY	COMMENTS
321.50	168.22	3120.915	12:39:30		
321.75	168.30	3120.841	12:39:45		
322.00	168.36	3120.649	12:40:00		
322.25	168.45	3120.575	12:40:15		
322.50	168.50	3120.384	12:40:30		
322.75	168.59	3120.168	12:40:45		
323.00	168.65	3120.119	12:41:00		
323.25	168.73	3119.903	12:41:15		
323.75	168.88	3119.779	12:41:45		
324.00	168.96	3119.563	12:42:00		
324.25	168.99	3119.256	12:42:15		
325.00	169.22	3119.057	12:43:00		
325.25	169.28	3118.866	12:43:15		
325.50	169.33	3118.675	12:43:30		
325.75	169.45	3118.576	12:43:45		
326.00	169.48	3118.410	12:44:00		
326.25	169.56	3118.194	12:44:15		
326.75	169.68	3118.095	12:44:45		
327.00	169.76	3117.879	12:45:00		
327.25	169.82	3117.830	12:45:15		
327.50	169.91	3117.614	12:45:30		
327.75	169.96	3117.564	12:45:45		
328.00	170.05	3117.349	12:46:00		
328.50	170.16	3117.108	12:46:30		
329.00	170.28	3116.868	12:47:00		
329.50	170.42	3116.744	12:47:30		
329.75	170.48	3116.411	12:47:45		
330.50	170.68	3116.238	12:48:30		
330.75	170.74	3116.047	12:48:45		
331.00	170.82	3115.831	12:49:00		
331.75	171.02	3115.658	12:49:45		
332.25	171.14	3115.417	12:50:15		
332.50	171.19	3115.226	12:50:30		
333.00	171.34	3115.102	12:51:00		
333.50	171.45	3114.862	12:51:30		
333.75	171.54	3114.646	12:51:45		
334.00	171.59	3114.455	12:52:00		
334.75	171.77	3114.306	12:52:45		
335.00	171.85	3113.949	12:53:00		
335.75	172.05	3113.776	12:53:45		
336.25	172.14	3113.560	12:54:15		
336.50	172.22	3113.344	12:54:30		
337.25	172.40	3113.196	12:55:15		
337.50	172.48	3112.980	12:55:30		

MERIDIAN OIL COMPANY  
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B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
337.75	172.54	3112.789	12:55:45	
338.25	172.68	3112.665	12:56:15	
338.75	172.80	3112.425	12:56:45	
339.25	172.91	3112.184	12:57:15	
339.50	172.97	3111.993	12:57:30	
340.25	173.14	3111.845	12:58:15	
340.50	173.20	3111.654	12:58:30	
341.00	173.34	3111.530	12:59:00	
341.50	173.45	3111.431	12:59:30	
341.75	173.51	3111.098	12:59:45	
342.75	173.74	3110.900	13:00:45	
343.00	173.83	3110.685	13:01:00	
343.50	173.94	3110.444	13:01:30	
344.25	174.11	3110.295	13:02:15	
344.75	174.23	3110.055	13:02:45	
345.25	174.37	3109.931	13:03:15	
345.75	174.46	3109.715	13:03:45	
346.00	174.54	3109.641	13:04:00	
346.50	174.66	3109.400	13:04:30	
347.25	174.83	3109.252	13:05:15	
347.50	174.86	3108.944	13:05:30	
348.25	175.06	3108.771	13:06:15	
348.75	175.17	3108.672	13:06:45	
349.00	175.20	3108.364	13:07:00	
350.00	175.43	3108.166	13:08:00	
350.50	175.54	3107.926	13:08:30	
351.25	175.72	3107.777	13:09:15	
351.75	175.80	3107.561	13:09:45	
352.00	175.89	3107.346	13:10:00	
353.00	176.09	3107.172	13:11:00	
353.50	176.20	3106.932	13:11:30	
354.00	176.32	3106.691	13:12:00	
354.50	176.43	3106.592	13:12:30	
355.00	176.55	3106.352	13:13:00	
355.50	176.63	3106.136	13:13:30	
356.75	176.92	3105.888	13:14:45	
357.25	177.00	3105.672	13:15:15	
357.75	177.09	3105.598	13:15:45	
358.25	177.20	3105.499	13:16:15	
358.75	177.32	3105.258	13:16:45	
359.25	177.43	3105.018	13:17:15	
359.75	177.52	3104.944	13:17:45	
360.25	177.63	3104.703	13:18:15	
360.75	177.72	3104.629	13:18:45	

MERIDIAN OIL COMPANY  
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NEW MEXICO  
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B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

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 RECORDER ELAPSED TEMPERATURE PRESSURE TIME OF DAY COMMENTS  
 TIME (MINUTES) (F) (PSI-G)  
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361.25	177.80	3104.413	13:19:15	
361.75	177.92	3104.173	13:19:45	
362.25	178.00	3103.957	13:20:15	
363.00	178.18	3103.808	13:21:00	
363.50	178.29	3103.568	13:21:30	
364.25	178.41	3103.328	13:22:15	
365.50	178.66	3103.104	13:23:30	
366.00	178.75	3102.889	13:24:00	
366.50	178.83	3102.814	13:24:30	
367.00	178.95	3102.574	13:25:00	
367.50	179.04	3102.500	13:25:30	
368.00	179.12	3102.284	13:26:00	
368.75	179.26	3102.160	13:26:45	
369.25	179.38	3101.920	13:27:15	
370.00	179.49	3101.820	13:28:00	
370.25	179.55	3101.630	13:28:15	
371.00	179.69	3101.506	13:29:00	
371.50	179.81	3101.265	13:29:30	
372.00	179.86	3101.075	13:30:00	
372.50	179.95	3101.000	13:30:30	
373.00	180.04	3100.785	13:31:00	
373.50	180.12	3100.710	13:31:30	
374.25	180.29	3100.561	13:32:15	
374.50	180.32	3100.395	13:32:30	
375.00	180.41	3100.180	13:33:00	
375.75	180.52	3099.939	13:33:45	
376.75	180.69	3099.791	13:34:45	
377.25	180.78	3099.716	13:35:15	
377.50	180.84	3099.525	13:35:30	
378.25	180.98	3099.401	13:36:15	
378.75	181.07	3099.186	13:36:45	
379.50	181.18	3098.946	13:37:30	
380.00	181.27	3098.871	13:38:00	
380.50	181.32	3098.680	13:38:30	
381.00	181.41	3098.606	13:39:00	
381.50	181.50	3098.390	13:39:30	
382.00	181.61	3098.150	13:40:00	
382.25	181.64	3098.125	13:40:15	
382.50	181.70	3099.087	13:40:30	
382.75	181.73	3098.932	13:40:45	
383.25	181.78	3098.904	13:41:15	
383.50	181.84	3098.593	13:41:30	
385.00	182.07	3098.468	13:43:00	
385.50	182.15	3098.278	13:43:30	

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## B A S I C F O R M A T

## STEP RATE INJECTION TEST

12/19/88

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 RECORDER ELAPSED TEMPERATURE PRESSURE TIME OF DAY COMMENTS  
 TIME (MINUTES) (F) (PSI-G)  
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386.75	182.33	3098.036	13:44:45	
387.75	182.50	3097.792	13:45:45	
388.75	182.64	3097.563	13:46:45	
389.75	182.78	3097.333	13:47:45	
390.75	182.96	3097.083	13:48:45	
392.00	183.10	3096.851	13:50:00	
392.75	183.21	3096.636	13:50:45	
393.50	183.36	3096.542	13:51:30	
393.75	183.38	3096.241	13:51:45	
394.75	183.50	3096.166	13:52:45	
395.50	183.64	3095.930	13:53:30	
396.50	183.76	3095.713	13:54:30	
397.50	183.90	3095.475	13:55:30	
398.50	184.01	3095.257	13:56:30	
399.50	184.16	3095.019	13:57:30	
400.50	184.30	3094.780	13:58:30	
401.50	184.44	3094.540	13:59:30	
402.50	184.56	3094.320	14:00:30	
403.50	184.70	3094.080	14:01:30	
404.50	184.84	3093.839	14:02:30	
405.50	184.96	3093.618	14:03:30	
406.50	185.10	3093.376	14:04:30	
407.75	185.24	3093.134	14:05:45	
408.75	185.39	3092.891	14:06:45	
409.75	185.53	3092.648	14:07:45	
411.00	185.67	3092.405	14:09:00	
412.00	185.82	3092.161	14:10:00	
412.75	185.90	3091.959	14:10:45	
413.75	186.02	3091.735	14:11:45	
415.00	186.16	3091.490	14:13:00	
416.00	186.28	3091.266	14:14:00	
417.00	186.39	3091.042	14:15:00	
418.00	186.53	3090.797	14:16:00	
418.75	186.65	3090.572	14:16:45	
419.75	186.73	3090.368	14:17:45	
420.75	186.88	3090.263	14:18:45	
421.50	186.96	3090.058	14:19:30	
422.75	187.11	3089.812	14:20:45	
423.00	187.13	3089.650	14:21:00	
424.00	187.25	3089.424	14:22:00	
425.25	187.39	3089.177	14:23:15	
426.00	187.48	3088.972	14:24:00	
427.25	187.62	3088.724	14:25:15	
428.50	187.73	3088.498	14:26:30	



MERIDIAN OIL COMPANY  
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NFW MEXICO  
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B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
429.50	187.85	3088.271	14:27:30	
430.50	187.99	3088.023	14:28:30	
431.50	188.08	3087.818	14:29:30	
432.75	188.22	3087.569	14:30:45	
434.00	188.36	3087.320	14:32:00	
434.75	188.45	3087.114	14:32:45	
435.75	188.54	3086.908	14:33:45	
436.50	188.62	3086.702	14:34:30	
437.25	188.71	3086.637	14:35:15	
437.50	188.74	3086.334	14:35:30	
439.25	188.91	3086.203	14:37:15	
439.75	188.94	3086.040	14:37:45	
441.25	189.08	3085.790	14:39:15	
442.00	189.17	3085.584	14:40:00	
443.25	189.28	3085.356	14:41:15	
444.25	189.37	3085.149	14:42:15	
445.25	189.48	3084.920	14:43:15	
446.00	189.57	3084.713	14:44:00	
447.25	189.68	3084.485	14:45:15	
448.00	189.77	3084.278	14:46:00	
449.00	189.82	3084.093	14:47:00	
450.00	189.94	3083.864	14:48:00	
451.50	190.05	3083.634	14:49:30	
452.25	190.14	3083.427	14:50:15	
453.25	190.25	3083.198	14:51:15	
454.50	190.37	3082.968	14:52:30	
455.25	190.42	3082.783	14:53:15	
456.50	190.51	3082.575	14:54:30	
457.75	190.63	3082.346	14:55:45	
458.75	190.71	3082.138	14:56:45	
459.50	190.80	3081.930	14:57:30	
460.75	190.91	3081.700	14:58:45	
462.00	191.03	3081.470	15:00:00	
463.00	191.08	3081.284	15:01:00	
464.00	191.17	3081.076	15:02:00	
465.00	191.25	3080.868	15:03:00	
466.25	191.37	3080.638	15:04:15	
467.50	191.48	3080.407	15:05:30	
468.25	191.54	3080.222	15:06:15	
469.25	191.63	3080.013	15:07:15	
470.50	191.71	3079.805	15:08:30	
471.75	191.83	3079.574	15:09:45	
472.75	191.91	3079.366	15:10:45	
473.50	192.00	3079.157	15:11:30	

MERIDIAN OIL COMPANY  
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B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

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 RECORDER ELAPSED TEMPERATURE PRESSURE TIME OF DAY COMMENTS  
 TIME (MINUTES) (F) (PSI-G)  
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474.25	192.06	3078.971	15:12:15	
475.75	192.14	3078.763	15:13:45	
476.50	192.20	3078.577	15:14:30	
477.50	192.28	3078.509	15:15:30	
477.75	192.31	3078.205	15:15:45	
479.00	192.43	3078.114	15:17:00	
479.25	192.46	3077.951	15:17:15	
481.00	192.57	3077.719	15:19:00	
482.00	192.60	3077.556	15:20:00	
483.00	192.66	3077.229	15:21:00	
484.00	192.69	3077.066	15:22:00	
486.00	192.77	3076.857	15:24:00	
487.00	192.86	3076.507	15:25:00	
488.00	192.91	3076.321	15:26:00	
489.00	192.97	3076.134	15:27:00	
490.00	193.03	3075.948	15:28:00	
491.00	193.09	3075.762	15:29:00	
492.00	193.17	3075.553	15:30:00	
493.00	193.23	3075.507	15:31:00	
494.00	193.32	3075.157	15:32:00	
495.00	193.34	3074.994	15:33:00	
496.00	193.43	3074.784	15:34:00	
497.00	193.49	3074.598	15:35:00	
498.00	193.54	3074.412	15:36:00	
499.00	193.63	3074.202	15:37:00	
500.00	193.69	3074.156	15:38:00	
501.00	193.77	3073.947	15:39:00	
502.00	193.83	3073.760	15:40:00	
503.00	193.89	3073.574	15:41:00	
504.00	193.94	3073.387	15:42:00	
505.00	194.03	3073.178	15:43:00	
506.00	194.09	3072.991	15:44:00	
507.00	194.14	3072.805	15:45:00	
508.00	194.26	3072.572	15:46:00	
509.00	194.29	3072.408	15:47:00	
510.00	194.35	3072.221	15:48:00	
511.00	194.43	3072.012	15:49:00	
512.00	194.52	3071.943	15:50:00	
513.00	194.57	3071.756	15:51:00	
514.00	194.63	3071.569	15:52:00	
516.00	194.75	3071.336	15:54:00	
517.00	194.83	3070.986	15:55:00	
519.00	194.95	3070.753	15:57:00	
520.00	195.03	3070.543	15:58:00	

MERIDIAN OIL COMPANY  
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NEW MEXICO  
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B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
521.00	195.09	3070.356	15:59:00	
522.00	195.15	3070.169	16:00:00	
523.00	195.23	3069.959	16:01:00	
524.00	195.29	3069.912	16:02:00	
525.00	195.32	3069.608	16:03:00	
526.00	195.40	3069.398	16:04:00	
527.00	195.46	3069.351	16:05:00	
528.00	195.49	3069.047	16:06:00	
529.00	195.58	3068.837	16:07:00	
531.00	195.69	3068.603	16:09:00	
533.00	195.80	3068.370	16:11:00	
534.00	195.89	3068.159	16:12:00	
535.00	195.95	3067.831	16:13:00	
536.00	195.98	3067.667	16:14:00	
537.00	196.06	3067.457	16:15:00	
539.00	196.18	3067.223	16:17:00	
540.00	196.23	3067.036	16:18:00	
541.00	196.29	3066.849	16:19:00	
543.00	196.41	3066.615	16:21:00	
544.00	196.43	3066.451	16:22:00	
546.00	196.55	3066.217	16:24:00	
547.00	196.61	3065.889	16:25:00	
549.00	196.72	3065.655	16:27:00	
550.00	196.78	3065.468	16:28:00	
551.00	196.81	3065.304	16:29:00	
552.00	196.86	3065.117	16:30:00	
553.00	196.95	3064.906	16:31:00	
554.00	197.01	3064.859	16:32:00	
555.00	197.06	3064.531	16:33:00	
557.00	197.15	3064.320	16:35:00	
558.00	197.21	3064.133	16:36:00	
559.00	197.26	3063.945	16:37:00	
561.00	197.35	3063.734	16:39:00	
562.00	197.44	3063.523	16:40:00	
563.00	197.46	3063.359	16:41:00	
564.00	197.49	3063.195	16:42:00	
565.00	197.55	3063.008	16:43:00	
567.00	197.66	3062.773	16:45:00	
568.00	197.69	3062.609	16:46:00	
570.00	197.81	3062.375	16:48:00	
571.00	197.84	3062.070	16:49:00	
572.00	197.92	3062.000	16:50:00	
573.00	197.98	3061.812	16:51:00	
574.00	198.01	3061.648	16:52:00	

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B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

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 RECORDER ELAPSED TEMPERATURE PRESSURE TIME OF DAY COMMENTS  
 TIME (MINUTES) (F) (PSI-G)  
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576.00	198.12	3061.413	16:54:00	
577.00	198.18	3061.226	16:55:00	
579.00	198.24	3061.038	16:57:00	
580.00	198.29	3060.710	16:58:00	
582.00	198.38	3060.498	17:00:00	
583.00	198.44	3060.170	17:01:00	
585.00	198.55	3060.076	17:03:00	
586.00	198.58	3059.912	17:04:00	
587.00	198.61	3059.607	17:05:00	
589.00	198.72	3059.372	17:07:00	
591.00	198.81	3059.161	17:09:00	
592.00	198.87	3058.832	17:10:00	
594.00	198.95	3058.621	17:12:00	
595.00	199.01	3058.574	17:13:00	
596.00	199.04	3058.269	17:14:00	
598.00	199.12	3058.058	17:16:00	
600.00	199.21	3057.846	17:18:00	
601.00	199.24	3057.682	17:19:00	
602.00	199.30	3057.494	17:20:00	
604.00	199.41	3057.259	17:22:00	
605.00	199.44	3057.095	17:23:00	
606.00	199.47	3056.931	17:24:00	
607.00	199.52	3056.743	17:25:00	
609.00	199.61	3056.531	17:27:00	
610.00	199.64	3056.367	17:28:00	
612.00	199.73	3056.155	17:30:00	
613.00	199.78	3055.967	17:31:00	
614.00	199.81	3055.803	17:32:00	
615.00	199.84	3055.639	17:33:00	
617.00	199.93	3055.427	17:35:00	
619.00	200.04	3055.192	17:37:00	
620.00	200.07	3054.887	17:38:00	
622.00	200.13	3054.699	17:40:00	
623.00	200.18	3054.511	17:41:00	
625.00	200.27	3054.299	17:43:00	
626.00	200.33	3053.971	17:44:00	
629.00	200.44	3053.735	17:47:00	
630.00	200.47	3053.571	17:48:00	
632.00	200.53	3053.383	17:50:00	
633.00	200.58	3053.195	17:51:00	
634.00	200.61	3053.031	17:52:00	
636.00	200.70	3052.819	17:54:00	
637.00	200.73	3052.514	17:55:00	
639.00	200.81	3052.302	17:57:00	

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/19/88  
 EV-YS-83088 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
641.00	200.87	3052.114	17:59:00	
643.00	200.98	3051.878	18:01:00	
644.00	200.98	3051.738	18:02:00	
646.00	201.07	3051.526	18:04:00	
647.00	201.13	3051.338	18:05:00	
648.00	201.16	3051.173	18:06:00	
649.00	201.18	3051.009	18:07:00	
652.00	201.30	3050.773	18:10:00	
653.00	201.33	3050.468	18:11:00	
655.00	201.39	3050.280	18:13:00	
657.00	201.47	3050.068	18:15:00	
658.00	201.50	3049.904	18:16:00	
659.00	201.56	3049.716	18:17:00	
662.00	201.67	3049.480	18:20:00	
663.00	201.70	3049.315	18:21:00	
664.00	201.70	3049.034	18:22:00	
666.00	201.79	3048.822	18:24:00	
668.00	201.87	3048.610	18:26:00	
669.00	201.87	3048.470	18:27:00	
671.00	201.96	3048.258	18:29:00	
673.00	202.04	3048.045	18:31:00	
674.00	202.07	3047.881	18:32:00	
675.00	202.10	3047.717	18:33:00	
677.00	202.19	3047.505	18:35:00	
678.00	202.21	3047.340	18:36:00	
679.00	202.21	3047.200	18:37:00	
681.00	202.30	3046.988	18:39:00	
682.00	202.33	3046.823	18:40:00	
685.00	202.44	3046.587	18:43:00	
686.00	202.44	3046.447	18:44:00	
687.00	202.50	3046.258	18:45:00	
688.00	202.53	3046.094	18:46:00	
691.00	202.64	3045.858	18:49:00	
692.00	202.67	3045.693	18:50:00	
693.00	202.67	3045.553	18:51:00	
695.00	202.76	3045.341	18:53:00	
697.00	202.82	3045.152	18:55:00	
699.00	202.87	3044.964	18:57:00	
700.00	202.90	3044.799	18:58:00	
701.00	202.93	3044.635	18:59:00	
703.00	202.99	3044.447	19:01:00	
704.00	203.02	3044.282	19:02:00	
706.00	203.07	3044.094	19:04:00	
707.00	203.10	3043.930	19:05:00	

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/18/88  
 EV-YS-83088 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/17/88

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 RECORDER ELAPSED TEMPERATURE PRESSURE TIME OF DAY COMMENTS  
 TIME (MINUTES) (F) (PSI-G)  
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709.00	203.19	3043.717	19:07:00	
710.00	203.22	3043.553	19:08:00	
712.00	203.27	3043.364	19:10:00	
713.00	203.30	3043.200	19:11:00	
715.00	203.36	3043.012	19:13:00	
716.00	203.42	3042.823	19:14:00	
717.00	203.42	3042.683	19:15:00	
720.00	203.53	3042.446	19:18:00	
721.00	203.56	3042.282	19:19:00	
722.00	203.59	3042.117	19:20:00	
724.00	203.62	3041.953	19:22:00	
727.00	203.73	3041.717	19:25:00	
728.00	203.73	3041.576	19:26:00	
730.00	203.79	3041.388	19:28:00	
731.00	203.85	3041.199	19:29:00	
732.00	203.87	3041.035	19:30:00	
734.00	203.90	3040.870	19:32:00	
735.00	203.93	3040.706	19:33:00	
737.00	204.02	3040.493	19:35:00	
738.00	204.05	3040.329	19:36:00	
740.00	204.10	3040.141	19:38:00	
742.00	204.16	3039.952	19:40:00	
743.00	204.19	3039.788	19:41:00	
745.00	204.22	3039.623	19:43:00	
747.00	204.28	3039.435	19:45:00	
748.00	204.30	3039.270	19:46:00	
751.00	204.39	3039.058	19:49:00	
752.00	204.42	3038.753	19:50:00	
756.00	204.53	3038.516	19:54:00	
757.00	204.56	3038.211	19:55:00	
760.00	204.62	3038.023	19:58:00	
762.00	204.68	3037.834	20:00:00	
763.00	204.70	3037.670	20:01:00	
765.00	204.76	3037.481	20:03:00	
768.00	204.85	3037.269	20:06:00	
769.00	204.88	3037.104	20:07:00	
770.00	204.88	3036.964	20:08:00	
771.00	204.90	3036.800	20:09:00	
773.00	204.93	3036.635	20:11:00	
775.00	205.02	3036.422	20:13:00	
776.00	205.05	3036.258	20:14:00	
777.00	205.08	3036.093	20:15:00	
779.00	205.11	3036.069	20:17:00	
780.00	205.13	3035.765	20:18:00	

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/18/88  
 EV-YS-03008 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER TIME (MINUTES)	ELAPSED (F)	TEMPERATURE (PSI-G)	PRESSURE	TIME OF DAY	COMMENTS
783.00	205.19	3035.576	20:21:00		
785.00	205.25	3035.387	20:23:00		
787.00	205.31	3035.199	20:25:00		
788.00	205.33	3035.034	20:26:00		
789.00	205.36	3034.870	20:27:00		
791.00	205.39	3034.846	20:29:00		
792.00	205.42	3034.541	20:30:00		
795.00	205.48	3034.352	20:33:00		
797.00	205.56	3034.140	20:35:00		
798.00	205.56	3033.999	20:36:00		
799.00	205.59	3033.835	20:37:00		
801.00	205.62	3033.670	20:39:00		
804.00	205.71	3033.458	20:42:00		
806.00	205.76	3033.269	20:44:00		
807.00	205.76	3033.129	20:45:00		
809.00	205.82	3033.080	20:47:00		
810.00	205.85	3032.776	20:48:00		
813.00	205.91	3032.587	20:51:00		
815.00	205.96	3032.398	20:53:00		
816.00	205.96	3032.258	20:54:00		
817.00	206.02	3032.070	20:55:00		
819.00	206.05	3031.905	20:57:00		
821.00	206.08	3031.741	20:59:00		
823.00	206.14	3031.552	21:01:00		
825.00	206.16	3031.387	21:03:00		
827.00	206.25	3031.175	21:05:00		
828.00	206.25	3031.034	21:06:00		
830.00	206.28	3030.870	21:08:00		
832.00	206.34	3030.681	21:10:00		
834.00	206.36	3030.517	21:12:00		
835.00	206.42	3030.328	21:13:00		
836.00	206.42	3030.188	21:14:00		
840.00	206.54	3029.951	21:18:00		
841.00	206.54	3029.670	21:19:00		
844.00	206.59	3029.622	21:22:00		
845.00	206.59	3029.341	21:23:00		
847.00	206.68	3029.128	21:25:00		
849.00	206.71	3028.964	21:27:00		
850.00	206.71	3028.824	21:28:00		
853.00	206.77	3028.635	21:31:00		
855.00	206.82	3028.446	21:33:00		
858.00	206.91	3028.233	21:36:00		
859.00	206.91	3028.093	21:37:00		
862.00	206.97	3027.904	21:40:00		

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/18/88  
 EV-YS-83088 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER TIME (MINUTES)	ELAPSED TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
863.00	206.97	3027.624	21:41:00	
866.00	207.05	3027.411	21:44:00	
869.00	207.14	3027.198	21:47:00	
871.00	207.14	3027.058	21:49:00	
872.00	207.19	3026.869	21:50:00	
874.00	207.22	3026.705	21:52:00	
877.00	207.25	3026.540	21:55:00	
878.00	207.31	3026.211	21:56:00	
881.00	207.37	3026.023	21:59:00	
884.00	207.42	3025.834	22:02:00	
885.00	207.42	3025.553	22:03:00	
887.00	207.48	3025.505	22:05:00	
888.00	207.48	3025.224	22:06:00	
894.00	207.60	3024.987	22:12:00	
895.00	207.62	3024.682	22:13:00	
900.00	207.71	3024.470	22:18:00	
901.00	207.71	3024.329	22:19:00	
903.00	207.74	3024.165	22:21:00	
905.00	207.80	3023.976	22:23:00	
906.00	207.82	3023.812	22:24:00	
908.00	207.85	3023.647	22:26:00	
910.00	207.91	3023.458	22:28:00	
913.00	207.97	3023.270	22:31:00	
914.00	207.97	3022.989	22:32:00	
919.00	208.05	3022.776	22:37:00	
920.00	208.08	3022.612	22:38:00	
923.00	208.11	3022.447	22:41:00	
924.00	208.14	3022.283	22:42:00	
927.00	208.17	3022.118	22:45:00	
929.00	208.22	3021.930	22:47:00	
930.00	208.22	3021.789	22:48:00	
932.00	208.28	3021.601	22:50:00	
934.00	208.31	3021.436	22:52:00	
936.00	208.37	3021.247	22:54:00	
940.00	208.40	3021.083	22:58:00	
941.00	208.42	3020.918	22:59:00	
944.00	208.48	3020.730	23:02:00	
945.00	208.51	3020.565	23:03:00	
946.00	208.51	3020.425	23:04:00	
949.00	208.57	3020.236	23:07:00	
952.00	208.60	3020.072	23:10:00	
953.00	208.63	3019.907	23:11:00	
956.00	208.68	3019.719	23:14:00	
957.00	208.68	3019.578	23:15:00	



MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/18/88  
 EV-YS-83088 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/19/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
960.00	208.77	3019.365	23:18:00	
961.00	208.77	3019.225	23:19:00	
963.00	208.80	3019.061	23:21:00	
967.00	208.85	3018.872	23:25:00	
969.00	208.91	3018.683	23:27:00	
970.00	208.91	3018.543	23:28:00	
971.00	208.94	3018.378	23:29:00	
974.00	209.00	3018.190	23:32:00	
976.00	209.00	3018.049	23:34:00	
978.00	209.03	3017.885	23:36:00	
980.00	209.05	3017.721	23:38:00	
982.00	209.08	3017.556	23:40:00	
985.00	209.17	3017.343	23:43:00	
987.00	209.17	3017.203	23:45:00	
989.00	209.23	3017.014	23:47:00	
992.00	209.25	3016.850	23:50:00	
993.00	209.28	3016.685	23:51:00	
994.00	209.28	3016.545	23:52:00	
996.00	209.31	3016.380	23:54:00	
1000.00	209.37	3016.192	23:58:00	
1001.00	209.40	3016.027	23:59:00	
12/20/88				
1004.00	209.46	3015.838	00:02:00	
1006.00	209.46	3015.698	00:04:00	
1009.00	209.51	3015.509	00:07:00	
1011.00	209.54	3015.345	00:09:00	
1013.00	209.54	3015.205	00:11:00	
1016.00	209.63	3014.992	00:14:00	
1018.00	209.63	3014.852	00:16:00	
1021.00	209.68	3014.663	00:19:00	
1022.00	209.71	3014.358	00:20:00	
1028.00	209.80	3014.145	00:26:00	
1029.00	209.80	3014.005	00:27:00	
1032.00	209.86	3013.816	00:30:00	
1034.00	209.88	3013.652	00:32:00	
1036.00	209.91	3013.487	00:34:00	
1037.00	209.91	3013.347	00:35:00	
1038.00	209.94	3013.183	00:36:00	
1042.00	210.00	3012.994	00:40:00	
1044.00	210.00	3012.854	00:42:00	
1047.00	210.03	3012.689	00:45:00	
1049.00	210.06	3012.525	00:47:00	
1051.00	210.08	3012.360	00:49:00	
1054.00	210.14	3012.171	00:52:00	

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/18/88  
 EV-YS-83088 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/20/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
1055.00	210.17	3012.007	00:53:00	
1058.00	210.20	3011.843	00:56:00	
1062.00	210.23	3011.678	01:00:00	
1063.00	210.29	3011.349	01:01:00	
1067.00	210.31	3011.185	01:05:00	
1068.00	210.34	3011.020	01:06:00	
1071.00	210.37	3010.856	01:09:00	
1074.00	210.40	3010.691	01:12:00	
1076.00	210.43	3010.527	01:14:00	
1079.00	210.49	3010.338	01:17:00	
1081.00	210.49	3010.198	01:19:00	
1085.00	210.54	3010.009	01:23:00	
1086.00	210.54	3009.869	01:24:00	
1087.00	210.57	3009.705	01:25:00	
1092.00	210.66	3009.491	01:30:00	
1093.00	210.63	3009.376	01:31:00	
1096.00	210.69	3009.187	01:34:00	
1098.00	210.71	3009.022	01:36:00	
1102.00	210.74	3008.858	01:40:00	
1103.00	210.77	3008.553	01:41:00	
1107.00	210.83	3008.365	01:45:00	
1109.00	210.83	3008.224	01:47:00	
1114.00	210.91	3008.011	01:52:00	
1115.00	210.91	3007.871	01:53:00	
1117.00	210.94	3007.707	01:55:00	
1119.00	210.97	3007.542	01:57:00	
1122.00	211.00	3007.378	02:00:00	
1124.00	211.03	3007.213	02:02:00	
1127.00	211.09	3007.025	02:05:00	
1130.00	211.11	3006.860	02:08:00	
1131.00	211.11	3006.720	02:09:00	
1134.00	211.14	3006.556	02:12:00	
1137.00	211.20	3006.367	02:15:00	
1141.00	211.23	3006.202	02:19:00	
1142.00	211.26	3006.038	02:20:00	
1144.00	211.26	3005.898	02:22:00	
1146.00	211.32	3005.709	02:24:00	
1149.00	211.32	3005.569	02:27:00	
1151.00	211.34	3005.405	02:29:00	
1154.00	211.37	3005.240	02:32:00	
1156.00	211.40	3005.076	02:34:00	
1158.00	211.40	3004.936	02:36:00	
1162.00	211.49	3004.722	02:40:00	
1163.00	211.46	3004.607	02:41:00	

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NLW MEXICO  
 12/18/88  
 EV-YS-83088 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/20/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
1167.00	211.52	3004.418	02:45:00	
1168.00	211.52	3004.278	02:46:00	
1173.00	211.57	3004.089	02:51:00	
1174.00	211.60	3003.784	02:52:00	
1180.00	211.66	3003.596	02:58:00	
1182.00	211.69	3003.431	03:00:00	
1185.00	211.72	3003.267	03:03:00	
1187.00	211.74	3003.102	03:05:00	
1191.00	211.77	3002.938	03:09:00	
1192.00	211.77	3002.798	03:10:00	
1195.00	211.83	3002.609	03:13:00	
1197.00	211.86	3002.445	03:15:00	
1199.00	211.86	3002.305	03:17:00	
1202.00	211.89	3002.140	03:20:00	
1204.00	211.92	3001.976	03:22:00	
1207.00	211.97	3001.787	03:25:00	
1210.00	212.00	3001.623	03:28:00	
1214.00	212.00	3001.482	03:32:00	
1215.00	212.03	3001.318	03:33:00	
1217.00	212.06	3001.154	03:35:00	
1219.00	212.09	3000.989	03:37:00	
1224.00	212.15	3000.800	03:42:00	
1225.00	212.12	3000.685	03:43:00	
1227.00	212.15	3000.520	03:45:00	
1230.00	212.20	3000.332	03:48:00	
1234.00	212.23	3000.167	03:52:00	
1235.00	212.26	3000.003	03:53:00	
1239.00	212.26	2999.863	03:57:00	
1240.00	212.29	2999.698	03:58:00	
1244.00	212.35	2999.509	04:02:00	
1246.00	212.35	2999.369	04:04:00	
1249.00	212.37	2999.205	04:07:00	
1250.00	212.40	2999.041	04:08:00	
1253.00	212.43	2998.876	04:11:00	
1256.00	212.43	2998.876	04:14:00	
1257.00	212.43	2998.596	04:15:00	
1261.00	212.49	2998.407	04:19:00	
1263.00	212.52	2998.243	04:21:00	
1268.00	212.55	2998.078	04:26:00	
1269.00	212.55	2997.938	04:27:00	
1271.00	212.60	2997.750	04:29:00	
1275.00	212.60	2997.610	04:33:00	
1276.00	212.63	2997.445	04:34:00	
1281.00	212.66	2997.281	04:39:00	

MERIDIAN OIL COMPANY  
 PUMP CANYON  
 SWD #1

NEW MEXICO  
 12/18/88  
 EV-YS-83088 (Recorder: 00024)

B A S I C F O R M A T

STEP RATE INJECTION TEST

12/20/88

RECORDER ELAPSED TIME (MINUTES)	TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
1283.00	212.69	2997.116	04:41:00	
1285.00	212.69	2996.976	04:43:00	
1287.00	212.75	2996.788	04:45:00	
1290.00	212.75	2996.647	04:48:00	
1291.00	212.77	2996.483	04:49:00	
1296.00	212.80	2996.319	04:54:00	
1298.00	212.83	2996.154	04:56:00	
1300.00	212.86	2995.990	04:58:00	
1303.00	212.89	2995.825	05:01:00	
1305.00	212.89	2995.685	05:03:00	
1309.00	212.95	2995.497	05:07:00	
1312.00	212.98	2995.332	05:10:00	
1313.00	212.98	2995.192	05:11:00	
1316.00	213.00	2995.028	05:14:00	
1319.00	213.03	2994.863	05:17:00	
1321.00	213.03	2994.723	05:19:00	
1325.00	213.09	2994.535	05:23:00	
1327.00	213.09	2994.395	05:25:00	
1330.00	213.12	2994.230	05:28:00	
1332.00	213.12	2994.090	05:30:00	
1335.00	213.18	2993.902	05:33:00	
1338.00	213.20	2993.737	05:36:00	
1341.00	213.20	2993.597	05:39:00	
1343.00	213.20	2993.457	05:41:00	
1347.00	213.26	2993.268	05:45:00	
1349.00	213.26	2993.128	05:47:00	
1352.00	213.29	2992.964	05:50:00	
1356.00	213.35	2992.775	05:54:00	
1357.00	213.35	2992.635	05:55:00	
1360.00	213.38	2992.471	05:58:00	
1363.00	213.40	2992.306	06:01:00	
1366.00	213.40	2992.166	06:04:00	
1368.00	213.46	2991.978	06:06:00	
1372.00	213.46	2991.838	06:10:00	
1374.00	213.46	2991.698	06:12:00	
1377.00	213.49	2991.533	06:15:00	
1379.00	213.52	2991.369	06:17:00	
1383.00	213.58	2991.180	06:21:00	
1385.00	213.58	2991.040	06:23:00	
1387.00	213.60	2990.876	06:25:00	
1391.00	213.60	2990.736	06:29:00	
1393.00	213.63	2990.571	06:31:00	
1396.00	213.66	2990.407	06:34:00	
1399.00	213.69	2990.243	06:37:00	

MERIDIAN OIL COMPANY  
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NEW MEXICO  
 12/18/88  
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B A S I C F O R M A T

STEP RATE INJECTION TEST

12/20/88

RECORDER TIME (MINUTES)	ELAPSED TEMPERATURE (F)	PRESSURE (PSI-G)	TIME OF DAY	COMMENTS
1401.00	213.69	2990.103	06:39:00	
1406.00	213.75	2989.914	06:44:00	
1408.00	213.78	2989.750	06:46:00	
1411.00	213.80	2989.585	06:49:00	
1413.00	213.80	2989.445	06:51:00	
1416.00	213.83	2989.281	06:54:00	
1419.00	213.83	2989.141	06:57:00	
1422.00	213.89	2988.952	07:00:00	
1424.00	213.89	2988.812	07:02:00	
1428.00	213.92	2988.648	07:06:00	
1430.00	213.92	2988.508	07:08:00	
1433.00	213.95	2988.343	07:11:00	
1435.00	213.95	2988.203	07:13:00	
1436.00	213.98	2988.039	07:14:00	
1437.00	213.98	2987.619	07:15:00	
1438.00	214.01	2987.315	07:16:00	
1439.00	214.01	2987.315	07:17:00	GAUGES OFF BOTTOM
				*** END OF REPORT ***

3440'

Entrada

Morr

H<sub>1c</sub>

H<sub>2o</sub>

9000'

2530 6000'

