



POGO PRODUCING COMPANY

April 22, 2003

New Mexico Oil Conservation Division
Attn: Mr. David Catanach
1220 S. Saint Francis Drive
Santa Fe, NM 87504

APR 30 2003

RE: Proximity "31" Federal #4 SWD
Administrative Order SWD-543
660' FNL & 2085' FEL
Section 31, T22S, R32E
Lea County, NM
Step-Rate Test

(30-025-20423)

SWD-543

1/25/94

Gentlemen:

Pogo Producing Company respectfully requests an increase in the maximum allowable surface injection pressure from the current 932 PSI to 2800 PSI.

This is based on a step-rate test performed on April 18, 2003 by Arch Pressure Data. A copy of the test results is attached.

If you have any questions, please contact me at (915) 685-8100.

Thank you,

POGO PRODUCING COMPANY

Barrett L. Smith

Barrett L. Smith
Division Operations Engineer

Bell Canyon
UPPER Cherry C.

27 1/8"

0 = 1/2 mile
area of Rain
wells

(Santa Rosa Fw. @ 650')

Permitted
4,662-5,915

Carlsbad
Water
Basin

Attachment

Call 5/1/03 and ask for
Acid Treating report.
Will Jones

4734-4788 ISIP 10/15 3/31/03
4902-4958 ISIP 12/22 3/28/03
Perforated
FIRST ACTUAL PERFORATION
5174-5590 4000 PSI
2/25/03
5/94 ACID



OPERATIONS LOG

COMPANY: POGO PRODUCING CO.
LEASE: PROXIMITY 31 # 4
FIELD (FORMATION): ()
COUNTY: LEA
STATE: NM

TEST TYPE: STEP-RATE

ENGINEER: BARRETT SMITH
FIELD REP: DAVID THOMAS
JOB RUN BY: JOE PEREZ
DATA PREPARED BY: ROD DODSON
INSTRUMENT: AMR_00006

DATE	TIME	DWG	OPERATIONS LOG - JOB NUMBER: 57274
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4/18/03 07:45:00 AM			ON LOCATION
4/18/03 08:39:00 AM			START GAUGE AMR_00006
4/18/03 08:59:00 AM	108		IN LUBRICATOR W/ GAUGES
4/18/03 09:19:32 AM	102		ON BOTTOM W/ GAUGES @ 5162'
4/18/03 09:31:17 AM	102		START 1ST RATE @ 1140.48 BPD
4/18/03 09:44:21 AM	294		START 2ND RATE @ 2138.4 BPD
4/18/03 10:00:53 AM	854		START 3RD RATE @ 2808 BPD
4/18/03 10:15:49 AM	1508		START 4TH RATE @ 3481.92 BPD
4/18/03 10:30:13 AM	2006		START 5TH RATE @ 4268.16 BPD
4/18/03 10:44:21 AM	2808		START 6TH RATE @ 5040 BPD
4/18/03 10:48:05 AM			PUMP TRUCK COULD NOT REACH 5040 BPD (3.5 BPM) RATE
4/18/03 10:51:17 AM			OFF BOTTOM W/ GAUGES



COMPANY: POGO PRODUCING CO.
LEASE: PROXIMITY 31 # 4
FIELD (FORMATION): ()
COUNTY: LEA
STATE: NM

TEST DATES: 4/18/03 - 4/18/03
RUN DEPTH: 5162
INSTRUMENT: AMR_00006

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	WELLHEAD PRESSURE, PSIG	INJECTION RATE, BPD	JOB NUMBER: 57274
4/18/03 09:31:16 AM	0.8711	2780.13	102.00	0.00	
4/18/03 09:44:20 AM	1.0889	2812.51	294.00	1140.00	
4/18/03 10:00:52 AM	1.3644	2860.11	854.00	2138.00	
4/18/03 10:15:48 AM	1.6133	2898.19	1508.00	2808.00	
4/18/03 10:30:12 AM	1.8533	2935.72	2006.00	3482.00	
4/18/03 10:44:20 AM	2.0889	2977.59	2808.00	4268.00	

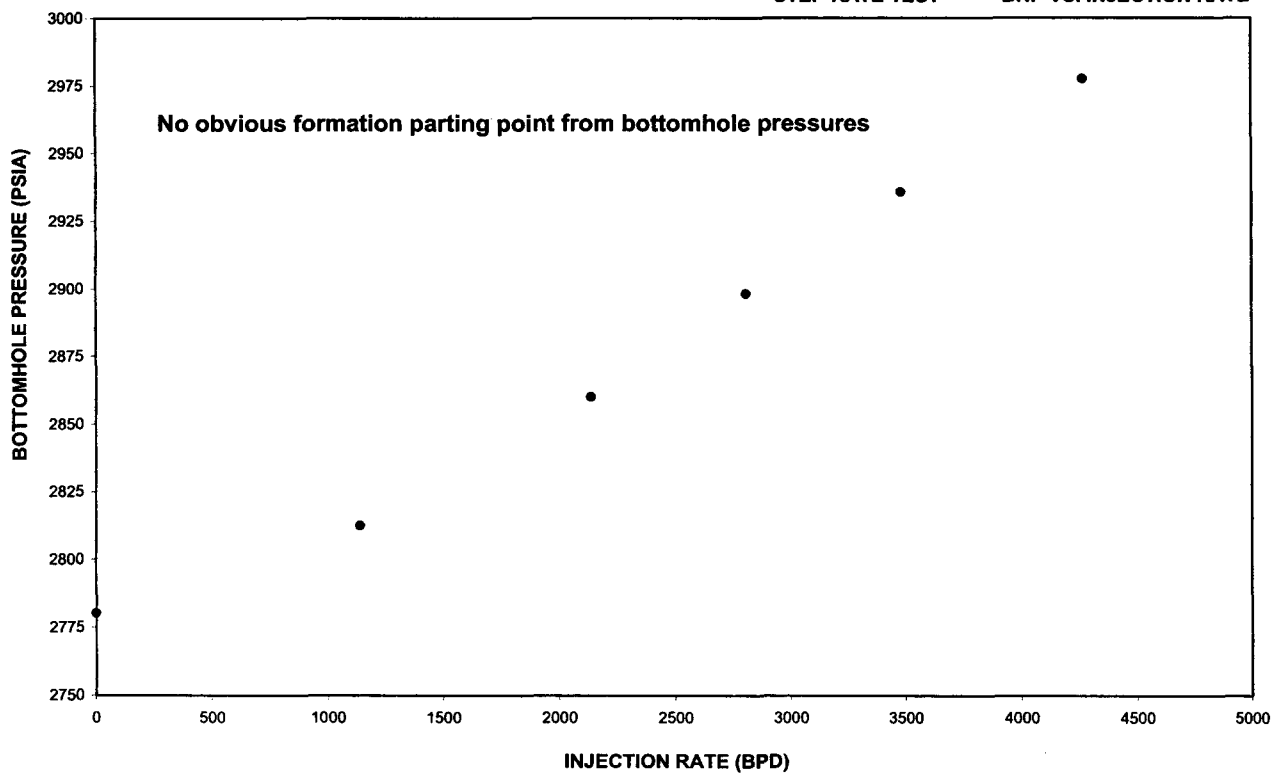


COMPANY: POGO PRODUCING CO.
LEASE: PROXIMITY 31
WELL NUMBER: 4

FIELD:
COUNTY: LEA
STATE: NM

JOB # 57274
TEST DATE: 4/18/03 - 4/18/03

STEP-RATE TEST - BHP VS. INJECTION RATE

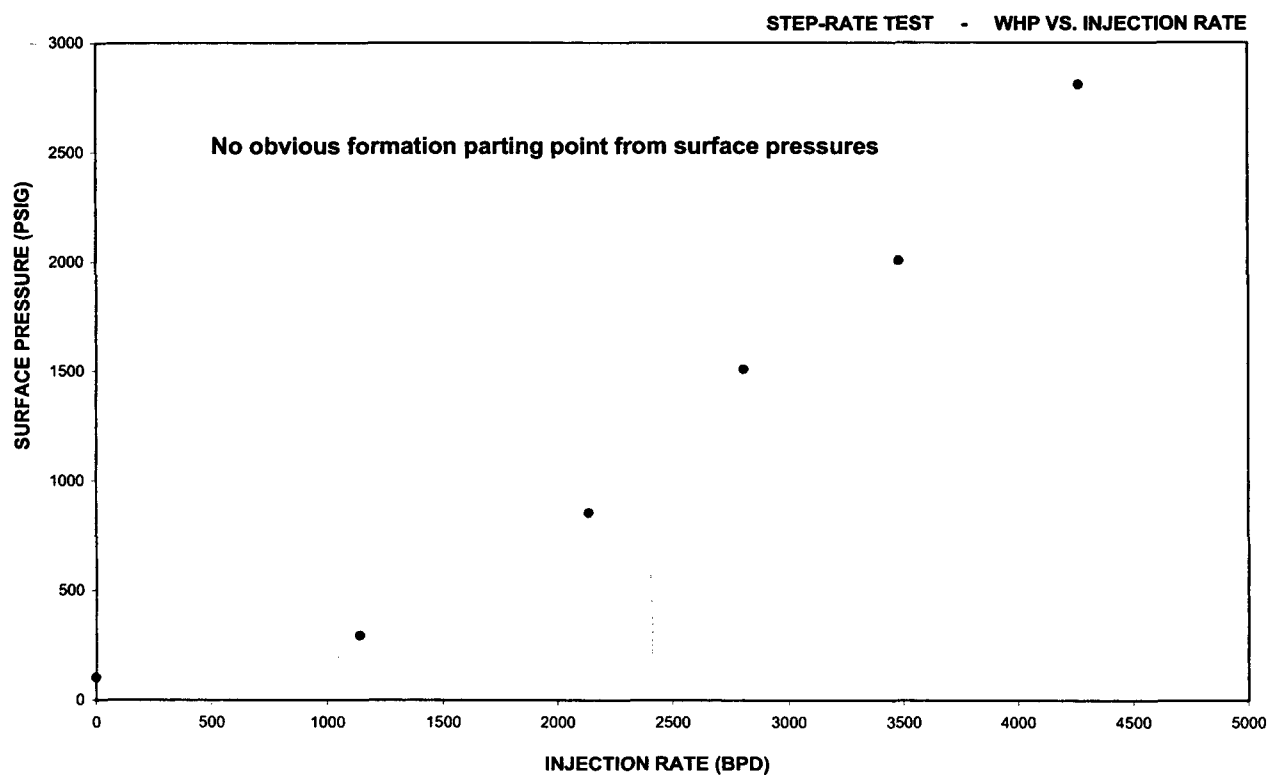




COMPANY: POGO PRODUCING CO.
LEASE: PROXIMITY 31
WELL NUMBER: 4

FIELD:
COUNTY: LEA
STATE: NM

JOB # 57274
TEST DATE: 4/18/03 - 4/18/03

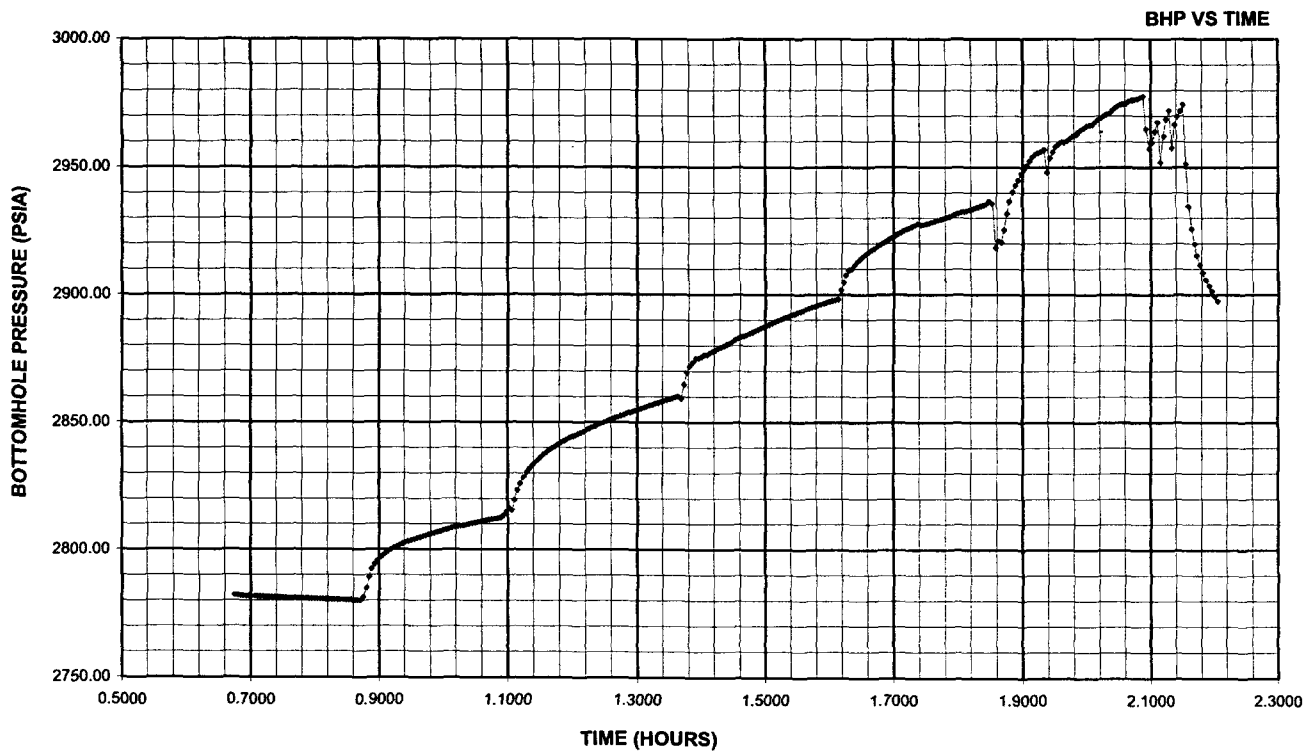




COMPANY: POGO PRODUCING CO.
LEASE: PROXIMITY 31
WELL NUMBER: 4

FIELD:
COUNTY: LEA
STATE: NM

JOB # 57274
TEST DATE: 4/18/03 - 4/18/03

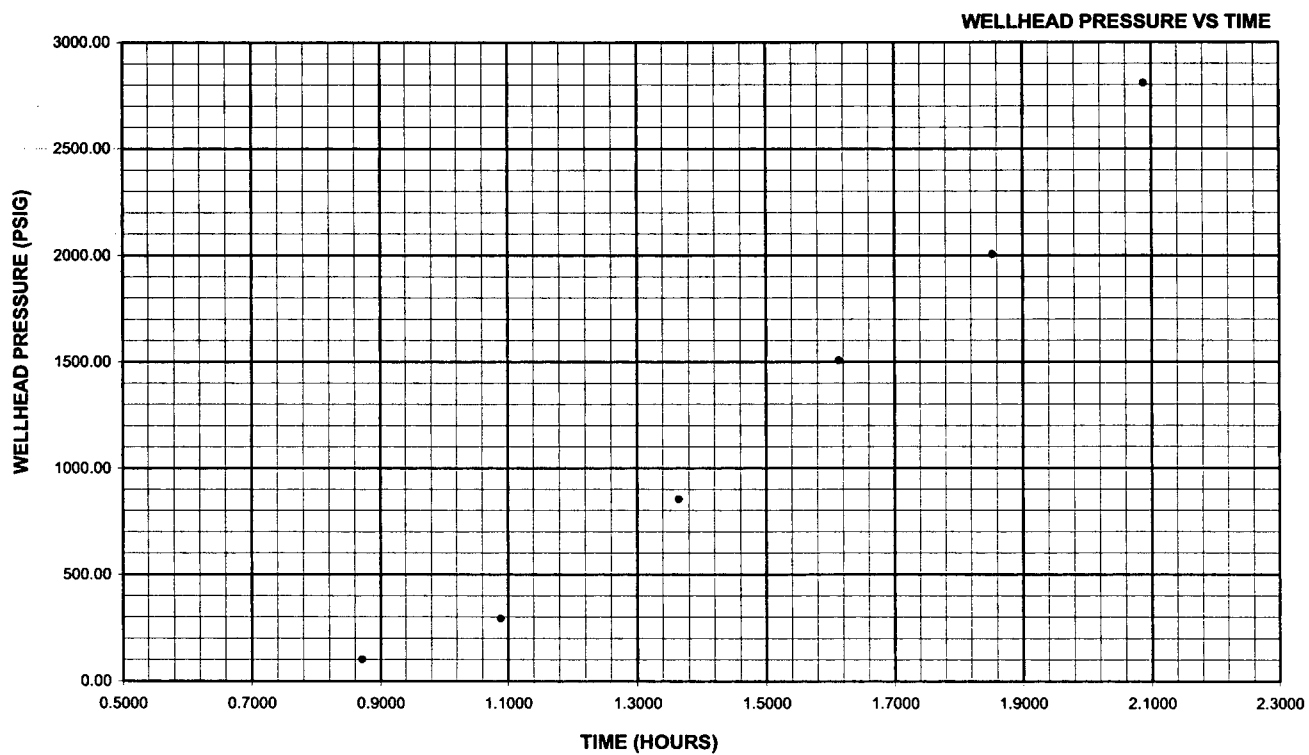




COMPANY: POGO PRODUCING CO.
LEASE: PROXIMITY 31
WELL NUMBER: 4

FIELD:
COUNTY: LEA
STATE: NM

JOB # 57274
TEST DATE: 4/18/03 - 4/18/03

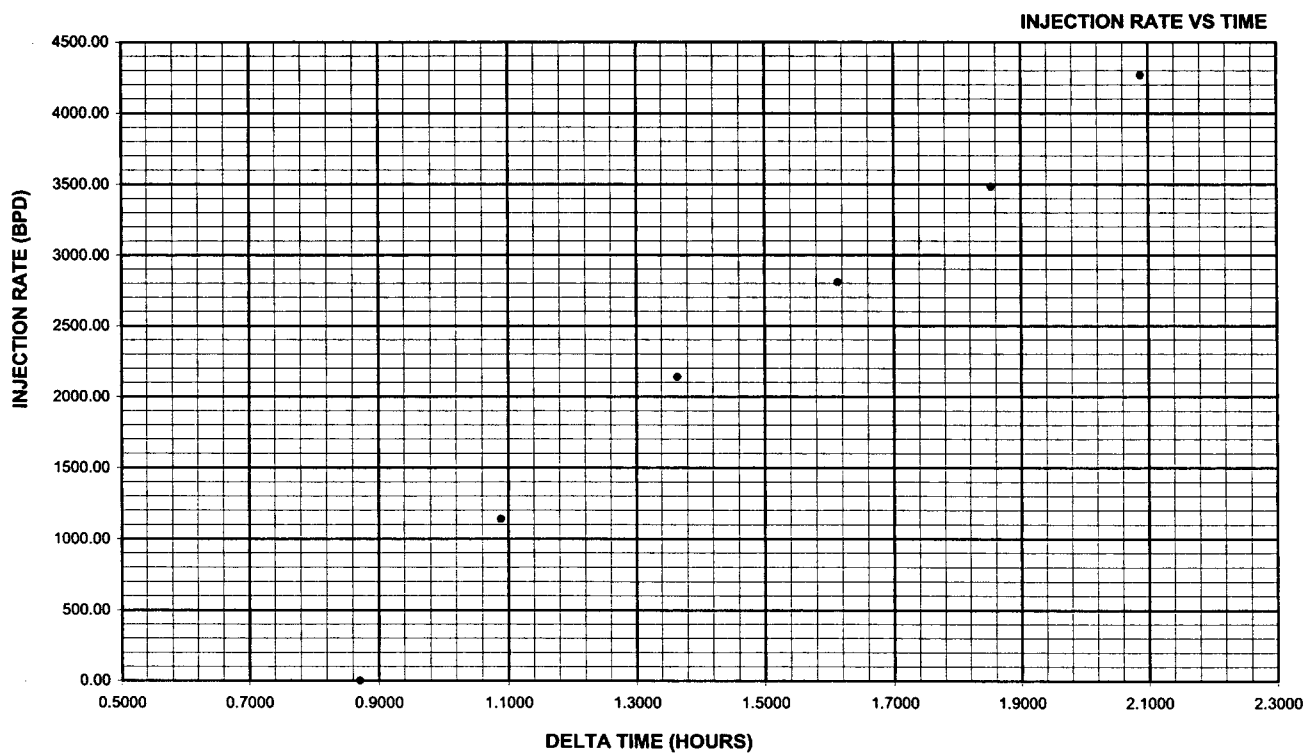




COMPANY: POGO PRODUCING CO.
LEASE: PROXIMITY 31
WELL NUMBER: 4

FIELD:
COUNTY: LEA
STATE: NM

JOB # 57274
TEST DATE: 4/18/03 - 4/18/03





COMPANY: POGO PRODUCING CO.
 LEASE: PROXIMITY 31 # 4
 FIELD (FORMATION): ()
 COUNTY: LEA
 STATE: NM

TEST DATES: 4/18/03 - 4/18/03
 RUN DEPTH: 5162
 INSTRUMENT: AMR_00006

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 57274
4/18/03 07:45:00 AM			ON LOCATION
4/18/03 08:39:00 AM			START GAUGE AMR_00006
4/18/03 08:59:00 AM			IN LUBRICATOR W/ GAUGES
4/18/03 09:19:32 AM			ON BOTTOM W/ GAUGES @ 5162'
4/18/03 09:19:32 AM	0.6756	2782.09	
4/18/03 09:19:48 AM	0.6800	2782.02	
4/18/03 09:20:04 AM	0.6844	2781.98	
4/18/03 09:20:20 AM	0.6889	2781.91	
4/18/03 09:20:36 AM	0.6933	2781.86	
4/18/03 09:20:52 AM	0.6978	2781.81	
4/18/03 09:21:08 AM	0.7022	2781.75	
4/18/03 09:21:24 AM	0.7067	2781.72	
4/18/03 09:21:40 AM	0.7111	2781.62	
4/18/03 09:21:56 AM	0.7156	2781.59	
4/18/03 09:22:12 AM	0.7200	2781.54	
4/18/03 09:22:28 AM	0.7244	2781.50	
4/18/03 09:22:44 AM	0.7289	2781.46	
4/18/03 09:23:00 AM	0.7333	2781.39	
4/18/03 09:23:16 AM	0.7378	2781.37	
4/18/03 09:23:32 AM	0.7422	2781.32	
4/18/03 09:23:48 AM	0.7467	2781.27	
4/18/03 09:24:04 AM	0.7511	2781.22	
4/18/03 09:24:20 AM	0.7556	2781.17	
4/18/03 09:24:36 AM	0.7600	2781.15	
4/18/03 09:24:52 AM	0.7644	2781.10	
4/18/03 09:25:08 AM	0.7689	2781.05	
4/18/03 09:25:24 AM	0.7733	2781.03	
4/18/03 09:25:40 AM	0.7778	2780.97	
4/18/03 09:25:56 AM	0.7822	2780.92	
4/18/03 09:26:12 AM	0.7867	2780.90	
4/18/03 09:26:28 AM	0.7911	2780.87	
4/18/03 09:26:44 AM	0.7956	2780.82	

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 57274
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4/18/03 09:27:00 AM	0.8000	2780.77
4/18/03 09:27:16 AM	0.8044	2780.74
4/18/03 09:27:32 AM	0.8089	2780.71
4/18/03 09:27:48 AM	0.8133	2780.66
4/18/03 09:28:04 AM	0.8178	2780.60
4/18/03 09:28:20 AM	0.8222	2780.58
4/18/03 09:28:36 AM	0.8267	2780.52
4/18/03 09:28:52 AM	0.8311	2780.47
4/18/03 09:29:08 AM	0.8356	2780.44
4/18/03 09:29:24 AM	0.8400	2780.42
4/18/03 09:29:40 AM	0.8444	2780.36
4/18/03 09:29:56 AM	0.8489	2780.33
4/18/03 09:30:12 AM	0.8533	2780.30
4/18/03 09:30:28 AM	0.8578	2780.27
4/18/03 09:30:44 AM	0.8622	2780.21
4/18/03 09:31:00 AM	0.8667	2780.18
4/18/03 09:31:16 AM	0.8711	2780.13
4/18/03 09:31:32 AM	0.8756	2781.43
4/18/03 09:31:48 AM	0.8800	2784.96
4/18/03 09:32:04 AM	0.8844	2789.22
4/18/03 09:32:20 AM	0.8889	2792.43
4/18/03 09:32:36 AM	0.8933	2794.25
4/18/03 09:32:52 AM	0.8978	2795.61
4/18/03 09:33:08 AM	0.9022	2796.75
4/18/03 09:33:24 AM	0.9067	2797.70
4/18/03 09:33:40 AM	0.9111	2798.59
4/18/03 09:33:56 AM	0.9156	2799.33
4/18/03 09:34:12 AM	0.9200	2800.03
4/18/03 09:34:28 AM	0.9244	2800.67
4/18/03 09:34:44 AM	0.9289	2801.24
4/18/03 09:35:00 AM	0.9333	2801.80
4/18/03 09:35:16 AM	0.9378	2802.31
4/18/03 09:35:32 AM	0.9422	2802.77
4/18/03 09:35:48 AM	0.9467	2803.23
4/18/03 09:36:04 AM	0.9511	2803.67
4/18/03 09:36:20 AM	0.9556	2804.07
4/18/03 09:36:36 AM	0.9600	2804.50
4/18/03 09:36:52 AM	0.9644	2804.87
4/18/03 09:37:08 AM	0.9689	2805.23
4/18/03 09:37:24 AM	0.9733	2805.60
4/18/03 09:37:40 AM	0.9778	2805.95
4/18/03 09:37:56 AM	0.9822	2806.29
4/18/03 09:38:12 AM	0.9867	2806.61
4/18/03 09:38:28 AM	0.9911	2806.95
4/18/03 09:38:44 AM	0.9956	2807.26
4/18/03 09:39:00 AM	1.0000	2807.57
4/18/03 09:39:16 AM	1.0044	2807.90

START 1ST RATE @ 1140.48 BPD

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 57274
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4/18/03 09:39:32 AM	1.0089	2808.17	
4/18/03 09:39:48 AM	1.0133	2808.46	
4/18/03 09:40:04 AM	1.0178	2808.75	
4/18/03 09:40:20 AM	1.0222	2809.01	
4/18/03 09:40:36 AM	1.0267	2809.30	
4/18/03 09:40:52 AM	1.0311	2809.53	
4/18/03 09:41:08 AM	1.0356	2809.82	
4/18/03 09:41:24 AM	1.0400	2810.07	
4/18/03 09:41:40 AM	1.0444	2810.31	
4/18/03 09:41:56 AM	1.0489	2810.57	
4/18/03 09:42:12 AM	1.0533	2810.79	
4/18/03 09:42:28 AM	1.0578	2811.00	
4/18/03 09:42:44 AM	1.0622	2811.26	
4/18/03 09:43:00 AM	1.0667	2811.47	
4/18/03 09:43:16 AM	1.0711	2811.71	
4/18/03 09:43:32 AM	1.0756	2811.91	
4/18/03 09:43:48 AM	1.0800	2812.10	
4/18/03 09:44:04 AM	1.0844	2812.30	
4/18/03 09:44:20 AM	1.0889	2812.51	
4/18/03 09:44:21 AM			START 2ND RATE @ 2138.4 BPD
4/18/03 09:44:36 AM	1.0933	2813.39	
4/18/03 09:44:52 AM	1.0978	2814.90	
4/18/03 09:45:08 AM	1.1022	2816.33	
4/18/03 09:45:24 AM	1.1067	2815.53	
4/18/03 09:45:40 AM	1.1111	2819.44	
4/18/03 09:45:56 AM	1.1156	2823.29	
4/18/03 09:46:12 AM	1.1200	2825.99	
4/18/03 09:46:28 AM	1.1244	2828.39	
4/18/03 09:46:44 AM	1.1289	2830.24	
4/18/03 09:47:00 AM	1.1333	2831.72	
4/18/03 09:47:16 AM	1.1378	2832.99	
4/18/03 09:47:32 AM	1.1422	2834.13	
4/18/03 09:47:48 AM	1.1467	2835.03	
4/18/03 09:48:04 AM	1.1511	2836.26	
4/18/03 09:48:20 AM	1.1556	2837.30	
4/18/03 09:48:36 AM	1.1600	2838.18	
4/18/03 09:48:52 AM	1.1644	2839.02	
4/18/03 09:49:08 AM	1.1689	2839.79	
4/18/03 09:49:24 AM	1.1733	2840.54	
4/18/03 09:49:40 AM	1.1778	2841.25	
4/18/03 09:49:56 AM	1.1822	2841.87	
4/18/03 09:50:12 AM	1.1867	2842.53	
4/18/03 09:50:28 AM	1.1911	2843.17	
4/18/03 09:50:44 AM	1.1956	2843.78	
4/18/03 09:51:00 AM	1.2000	2844.35	
4/18/03 09:51:16 AM	1.2044	2844.90	
4/18/03 09:51:32 AM	1.2089	2845.50	
4/18/03 09:51:48 AM	1.2133	2845.90	

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 57274
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4/18/03 09:52:04 AM	1.2178	2846.36
4/18/03 09:52:20 AM	1.2222	2846.88
4/18/03 09:52:36 AM	1.2267	2847.39
4/18/03 09:52:52 AM	1.2311	2847.95
4/18/03 09:53:08 AM	1.2356	2848.38
4/18/03 09:53:24 AM	1.2400	2848.94
4/18/03 09:53:40 AM	1.2444	2849.40
4/18/03 09:53:56 AM	1.2489	2849.88
4/18/03 09:54:12 AM	1.2533	2850.36
4/18/03 09:54:28 AM	1.2578	2850.81
4/18/03 09:54:44 AM	1.2622	2851.25
4/18/03 09:55:00 AM	1.2667	2851.69
4/18/03 09:55:16 AM	1.2711	2852.10
4/18/03 09:55:32 AM	1.2756	2852.55
4/18/03 09:55:48 AM	1.2800	2852.97
4/18/03 09:56:04 AM	1.2844	2853.41
4/18/03 09:56:20 AM	1.2889	2853.85
4/18/03 09:56:36 AM	1.2933	2854.24
4/18/03 09:56:52 AM	1.2978	2854.64
4/18/03 09:57:08 AM	1.3022	2855.00
4/18/03 09:57:24 AM	1.3067	2855.40
4/18/03 09:57:40 AM	1.3111	2855.76
4/18/03 09:57:56 AM	1.3156	2856.14
4/18/03 09:58:12 AM	1.3200	2856.60
4/18/03 09:58:28 AM	1.3244	2856.92
4/18/03 09:58:44 AM	1.3289	2857.33
4/18/03 09:59:00 AM	1.3333	2857.66
4/18/03 09:59:16 AM	1.3378	2858.05
4/18/03 09:59:32 AM	1.3422	2858.40
4/18/03 09:59:48 AM	1.3467	2858.73
4/18/03 10:00:04 AM	1.3511	2859.10
4/18/03 10:00:20 AM	1.3556	2859.47
4/18/03 10:00:36 AM	1.3600	2859.83
4/18/03 10:00:52 AM	1.3644	2860.11
4/18/03 10:00:53 AM		
4/18/03 10:01:08 AM	1.3689	2859.22
4/18/03 10:01:24 AM	1.3733	2864.69
4/18/03 10:01:40 AM	1.3778	2869.56
4/18/03 10:01:56 AM	1.3822	2872.03
4/18/03 10:02:12 AM	1.3867	2873.46
4/18/03 10:02:28 AM	1.3911	2874.98
4/18/03 10:02:44 AM	1.3956	2875.07
4/18/03 10:03:00 AM	1.4000	2875.66
4/18/03 10:03:16 AM	1.4044	2876.33
4/18/03 10:03:32 AM	1.4089	2876.43
4/18/03 10:03:48 AM	1.4133	2877.14
4/18/03 10:04:04 AM	1.4178	2877.72
4/18/03 10:04:20 AM	1.4222	2878.28

START 3RD RATE @ 2808 BPD

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 57274
4/18/03 10:04:36 AM	1.4267	2878.83	
4/18/03 10:04:52 AM	1.4311	2879.37	
4/18/03 10:05:08 AM	1.4356	2879.93	
4/18/03 10:05:24 AM	1.4400	2880.51	
4/18/03 10:05:40 AM	1.4444	2881.04	
4/18/03 10:05:56 AM	1.4489	2881.63	
4/18/03 10:06:12 AM	1.4533	2882.26	
4/18/03 10:06:28 AM	1.4578	2882.79	
4/18/03 10:06:44 AM	1.4622	2883.35	
4/18/03 10:07:00 AM	1.4667	2883.79	
4/18/03 10:07:16 AM	1.4711	2884.24	
4/18/03 10:07:32 AM	1.4756	2884.79	
4/18/03 10:07:48 AM	1.4800	2885.28	
4/18/03 10:08:04 AM	1.4844	2885.80	
4/18/03 10:08:20 AM	1.4889	2886.32	
4/18/03 10:08:36 AM	1.4933	2886.80	
4/18/03 10:08:52 AM	1.4978	2887.27	
4/18/03 10:09:08 AM	1.5022	2887.78	
4/18/03 10:09:24 AM	1.5067	2888.28	
4/18/03 10:09:40 AM	1.5111	2888.73	
4/18/03 10:09:56 AM	1.5156	2889.26	
4/18/03 10:10:12 AM	1.5200	2889.77	
4/18/03 10:10:28 AM	1.5244	2890.23	
4/18/03 10:10:44 AM	1.5289	2890.70	
4/18/03 10:11:00 AM	1.5333	2891.18	
4/18/03 10:11:16 AM	1.5378	2891.59	
4/18/03 10:11:32 AM	1.5422	2892.07	
4/18/03 10:11:48 AM	1.5467	2892.53	
4/18/03 10:12:04 AM	1.5511	2892.98	
4/18/03 10:12:20 AM	1.5556	2893.38	
4/18/03 10:12:36 AM	1.5600	2893.82	
4/18/03 10:12:52 AM	1.5644	2894.19	
4/18/03 10:13:08 AM	1.5689	2894.62	
4/18/03 10:13:24 AM	1.5733	2894.99	
4/18/03 10:13:40 AM	1.5778	2895.40	
4/18/03 10:13:56 AM	1.5822	2895.82	
4/18/03 10:14:12 AM	1.5867	2896.19	
4/18/03 10:14:28 AM	1.5911	2896.59	
4/18/03 10:14:44 AM	1.5956	2896.96	
4/18/03 10:15:00 AM	1.6000	2897.31	
4/18/03 10:15:16 AM	1.6044	2897.65	
4/18/03 10:15:32 AM	1.6089	2897.95	
4/18/03 10:15:48 AM	1.6133	2898.19	
4/18/03 10:15:49 AM			START 4TH RATE @ 3481.92 BPD
4/18/03 10:16:04 AM	1.6178	2901.74	
4/18/03 10:16:20 AM	1.6222	2904.74	
4/18/03 10:16:36 AM	1.6267	2907.61	
4/18/03 10:16:52 AM	1.6311	2909.42	

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 57274
4/18/03 10:17:08 AM	1.6356	2910.04	
4/18/03 10:17:24 AM	1.6400	2911.49	
4/18/03 10:17:40 AM	1.6444	2912.84	
4/18/03 10:17:56 AM	1.6489	2913.94	
4/18/03 10:18:12 AM	1.6533	2914.93	
4/18/03 10:18:28 AM	1.6578	2915.87	
4/18/03 10:18:44 AM	1.6622	2916.68	
4/18/03 10:19:00 AM	1.6667	2917.44	
4/18/03 10:19:16 AM	1.6711	2918.16	
4/18/03 10:19:32 AM	1.6756	2918.89	
4/18/03 10:19:48 AM	1.6800	2919.57	
4/18/03 10:20:04 AM	1.6844	2920.21	
4/18/03 10:20:20 AM	1.6889	2920.91	
4/18/03 10:20:36 AM	1.6933	2921.67	
4/18/03 10:20:52 AM	1.6978	2922.34	
4/18/03 10:21:08 AM	1.7022	2922.98	
4/18/03 10:21:24 AM	1.7067	2923.63	
4/18/03 10:21:40 AM	1.7111	2924.30	
4/18/03 10:21:56 AM	1.7156	2925.03	
4/18/03 10:22:12 AM	1.7200	2925.51	
4/18/03 10:22:28 AM	1.7244	2926.16	
4/18/03 10:22:44 AM	1.7289	2926.71	
4/18/03 10:23:00 AM	1.7333	2927.26	
4/18/03 10:23:16 AM	1.7378	2927.86	
4/18/03 10:23:32 AM	1.7422	2927.38	
4/18/03 10:23:48 AM	1.7467	2927.45	
4/18/03 10:24:04 AM	1.7511	2927.75	
4/18/03 10:24:20 AM	1.7556	2928.08	
4/18/03 10:24:36 AM	1.7600	2928.47	
4/18/03 10:24:52 AM	1.7644	2928.79	
4/18/03 10:25:08 AM	1.7689	2929.20	
4/18/03 10:25:24 AM	1.7733	2929.57	
4/18/03 10:25:40 AM	1.7778	2929.91	
4/18/03 10:25:56 AM	1.7822	2930.31	
4/18/03 10:26:12 AM	1.7867	2930.72	
4/18/03 10:26:28 AM	1.7911	2931.04	
4/18/03 10:26:44 AM	1.7956	2931.44	
4/18/03 10:27:00 AM	1.8000	2931.82	
4/18/03 10:27:16 AM	1.8044	2932.20	
4/18/03 10:27:32 AM	1.8089	2932.55	
4/18/03 10:27:48 AM	1.8133	2932.87	
4/18/03 10:28:04 AM	1.8178	2933.21	
4/18/03 10:28:20 AM	1.8222	2933.54	
4/18/03 10:28:36 AM	1.8267	2933.94	
4/18/03 10:28:52 AM	1.8311	2934.30	
4/18/03 10:29:08 AM	1.8356	2934.72	
4/18/03 10:29:24 AM	1.8400	2935.10	
4/18/03 10:29:40 AM	1.8444	2935.54	

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 57274
4/18/03 10:29:56 AM	1.8489	2936.70	
4/18/03 10:30:12 AM	1.8533	2935.72	
4/18/03 10:30:13 AM			START 5TH RATE @ 4268.16 BPD
4/18/03 10:30:28 AM	1.8578	2918.43	
4/18/03 10:30:44 AM	1.8622	2921.00	
4/18/03 10:31:00 AM	1.8667	2920.39	
4/18/03 10:31:16 AM	1.8711	2925.30	
4/18/03 10:31:32 AM	1.8756	2931.82	
4/18/03 10:31:48 AM	1.8800	2936.62	
4/18/03 10:32:04 AM	1.8844	2940.32	
4/18/03 10:32:20 AM	1.8889	2942.86	
4/18/03 10:32:36 AM	1.8933	2944.82	
4/18/03 10:32:52 AM	1.8978	2947.33	
4/18/03 10:33:08 AM	1.9022	2948.80	
4/18/03 10:33:24 AM	1.9067	2950.41	
4/18/03 10:33:40 AM	1.9111	2952.30	
4/18/03 10:33:56 AM	1.9156	2953.98	
4/18/03 10:34:12 AM	1.9200	2954.97	
4/18/03 10:34:28 AM	1.9244	2955.56	
4/18/03 10:34:44 AM	1.9289	2956.09	
4/18/03 10:35:00 AM	1.9333	2956.92	
4/18/03 10:35:16 AM	1.9378	2947.85	
4/18/03 10:35:32 AM	1.9422	2953.53	
4/18/03 10:35:48 AM	1.9467	2955.89	
4/18/03 10:36:04 AM	1.9511	2957.94	
4/18/03 10:36:20 AM	1.9556	2958.94	
4/18/03 10:36:36 AM	1.9600	2959.92	
4/18/03 10:36:52 AM	1.9644	2959.70	
4/18/03 10:37:08 AM	1.9689	2960.35	
4/18/03 10:37:24 AM	1.9733	2961.20	
4/18/03 10:37:40 AM	1.9778	2962.08	
4/18/03 10:37:56 AM	1.9822	2962.52	
4/18/03 10:38:12 AM	1.9867	2963.74	
4/18/03 10:38:28 AM	1.9911	2964.60	
4/18/03 10:38:44 AM	1.9956	2965.27	
4/18/03 10:39:00 AM	2.0000	2966.02	
4/18/03 10:39:16 AM	2.0044	2966.43	
4/18/03 10:39:32 AM	2.0089	2966.69	
4/18/03 10:39:48 AM	2.0133	2967.66	
4/18/03 10:40:04 AM	2.0178	2968.56	
4/18/03 10:40:20 AM	2.0222	2969.17	
4/18/03 10:40:36 AM	2.0267	2969.94	
4/18/03 10:40:52 AM	2.0311	2970.62	
4/18/03 10:41:08 AM	2.0356	2971.01	
4/18/03 10:41:24 AM	2.0400	2972.18	
4/18/03 10:41:40 AM	2.0444	2973.04	
4/18/03 10:41:56 AM	2.0489	2973.80	
4/18/03 10:42:12 AM	2.0533	2974.46	

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 57274
4/18/03 10:42:28 AM	2.0578	2974.61	
4/18/03 10:42:44 AM	2.0622	2974.77	
4/18/03 10:43:00 AM	2.0667	2975.73	
4/18/03 10:43:16 AM	2.0711	2976.03	
4/18/03 10:43:32 AM	2.0756	2976.44	
4/18/03 10:43:48 AM	2.0800	2976.73	
4/18/03 10:44:04 AM	2.0844	2977.23	
4/18/03 10:44:20 AM	2.0889	2977.59	
4/18/03 10:44:21 AM			START 6TH RATE @ 5040 BPD
4/18/03 10:44:36 AM	2.0933	2964.92	
4/18/03 10:44:52 AM	2.0978	2957.02	
4/18/03 10:45:08 AM	2.1022	2959.52	
4/18/03 10:45:24 AM	2.1067	2963.88	
4/18/03 10:45:40 AM	2.1111	2967.55	
4/18/03 10:45:56 AM	2.1156	2951.77	
4/18/03 10:46:12 AM	2.1200	2962.05	
4/18/03 10:46:28 AM	2.1244	2968.73	
4/18/03 10:46:44 AM	2.1289	2972.15	
4/18/03 10:47:00 AM	2.1333	2957.40	
4/18/03 10:47:16 AM	2.1378	2966.47	
4/18/03 10:47:32 AM	2.1422	2969.68	
4/18/03 10:47:48 AM	2.1467	2971.81	
4/18/03 10:48:04 AM	2.1511	2974.48	
4/18/03 10:48:05 AM			PUMP TRUCK COULD NOT REACH 5040 BPD (3.5 BPM) RATE
4/18/03 10:48:20 AM	2.1556	2951.28	
4/18/03 10:48:36 AM	2.1600	2934.63	
4/18/03 10:48:52 AM	2.1644	2925.72	
4/18/03 10:49:08 AM	2.1689	2919.83	
4/18/03 10:49:24 AM	2.1733	2915.27	
4/18/03 10:49:40 AM	2.1778	2911.66	
4/18/03 10:49:56 AM	2.1822	2908.55	
4/18/03 10:50:12 AM	2.1867	2905.86	
4/18/03 10:50:28 AM	2.1911	2903.49	
4/18/03 10:50:44 AM	2.1956	2901.34	
4/18/03 10:51:00 AM	2.2000	2899.34	
4/18/03 10:51:16 AM	2.2044	2897.53	
4/18/03 10:51:17 AM			OFF BOTTOM W/ GAUGES