



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

December 22, 1993

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Walsh Engineering & Production Corporation
204 North Auburn
Farmington, NM 87401

Attention: Paul C. Thompson

RE: Injection Pressure Increase, Coleman Sunco Disposal Well No. 1, Section 2, Township 29 North, Range 12 West, San Juan County, New Mexico

Dear Mr Thompson:

Reference is made to your request dated December 8, 1993 to increase the surface injection pressure on the above referenced well. This request is based on a step rate tests conducted on this well on December 7, 1993. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on this well is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following well:

Well and Location	Maximum Injection Surface Pressure
Coleman Sunco Disposal Well No. 1 1595' FNL - 1005' FWL Unit E, Section 2, Township 29 North, Range 12 West	2850 psig
This well located in San Juan County, New Mexico.	

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,

William J. LeMay
Director

WJL/BES/amg

cc: Oil Conservation Division - Aztec
File: SWD-457
PSI-X, 4th Quarter 2nd

NO WAITING PERIOD

COMPANY: **WALSH ENGINEERING & PRODUCTION CORP.**
ADDRESS: **204 North Auburn**
CITY, STATE, ZIP: **Farmington, New Mexico 87401**
ATTENTION: **Mr. Paul C. Thompson**

*RE: Injection Pressure Increase
Coleman Sunco Disposal Well No.1
Sec.2-T29N-R12W
San Juan County, New Mexico*

Dear Sir:

Reference is made to your request dated **December 8, 1993**, to increase the surface injection pressure on **the above referenced well**. This request is based on a step rate test conducted on this well **December 7, 1993**. The results of the tests have been reviewed by my staff and we feel an increase in injection pressure on this well is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following wells:

<u>Well & Location</u>	<u>Maximum Injection Surface Pressure</u>
Coleman Sunco Disposal Well No.1 1595' FNL & 1005' FWL Unit Letter "E", Section 2-T29N-R12W San Juan County, New Mexico	2850 psig

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,

William J. LeMay
Director

WJL/BES/

xc: FILE - SWD-457; 4th QTR.PSI-X OCD - Aztec



PSI-X N/R

STATE OF NEW MEXICO
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

OIL CONSERVATION DIVISION
RECEIVED
93 DEC 17 AM 8 54
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

Date: 12/9/93

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

PRESSURE INCREASE

RE: Proposed MC _____
Proposed NSL _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD ✓ SWD 457
Proposed PMX _____
Proposed DD _____

Gentlemen:

I have examined the application received on 12/8/93
for the COLEMAN SUNCO DISPOSAL #1, E12/02/93 STEP RATE TEST
1595 N + 1005 W OPERATOR LEASE & WELL NO.
E-02-29N-12W and my recommendations are as follows:
UL-S-T-R

CURRENT MAX INJ P = 1350 psi BASED ON 1/14/93 STEP RATE TEST.
AFTER REVIEWING THE TEST RESULTS, FRANK CHAVEZ,
CHARLES GHOLSON AND I AGREE THAT COLEMAN
SUNCO DISPOSAL #1 SHOULD BE GRANTED A SURFACE
INJECTION PRESSURE OF 2850 psi (6.6 bpm).

Yours truly,

Quanna Overstreet

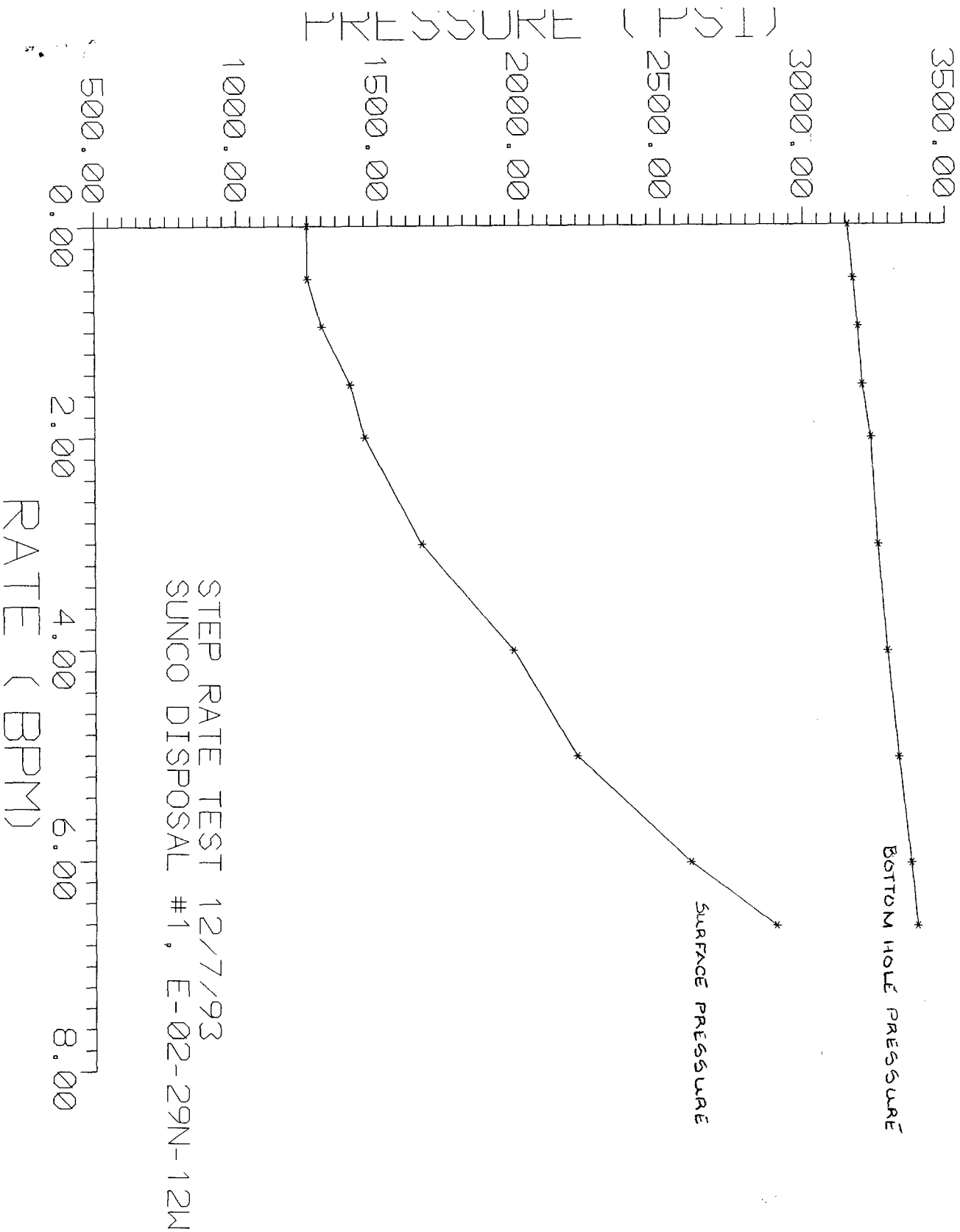
STEP RATE TEST

COLEMAN
SUNCO DISPOSAL #1
E-2-29N-12W

07 DECEMBER 93

TIME	RATE (BPM)	SURFACE PRESSURE (psi)	BHP (ACTUAL) (psi)
	0	1250	3158
10:45	0.50	1250	3176
11:11	0.95	1300	3192
11:26	1.50	1400	3207
11:41	2.00	1450	3235
11:56	3.00	1650	3259
12:11	4.00	1975	3292
12:26	5.00	2200	3331
12:45	6.00	2600	3374
12:56	6.60	2900	3396
1:20 (ISIP)	0	1400	3307
	5 MINS	1400	
	10 MINS	1400	
	15 MINS	1400	

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping204 N. Auburn
Farmington, New Mexico 87401
(505) 327-4892

December 8, 1993

Mr. Frank Chavez
NMOCD
1000 Rio Brazos Road
Aztec, NM 87410

Re: Sunco Disposal Well #1
NW/4 Section 2, T29N, R12W

RECEIVED
DEC - 9 1993
OIL CON. DIV
DIST. 2

Dear Mr. Chavez,

On December 7, 1993, Sunco ran a step rate injection test on the subject well. The well was fraced with 100,000# of sand since the January 14, 1993 step rate test. The data from the bottom hole pressure recorder indicates that a surface injection pressure of 2850 psig at 6.6 BPM can be achieved without breakover.

As a result of this test, Sunco requests administrative approval for an increase of the injection pressure to a maximum of 2850 psig.

Both the surface and bottom hole data are plotted on the attached Figure 1. I have attached the Western job log as Exhibit A and the bottom hole data as Exhibit B.

If you have any questions concerning this test, please don't hesitate to call.

Sincerely,

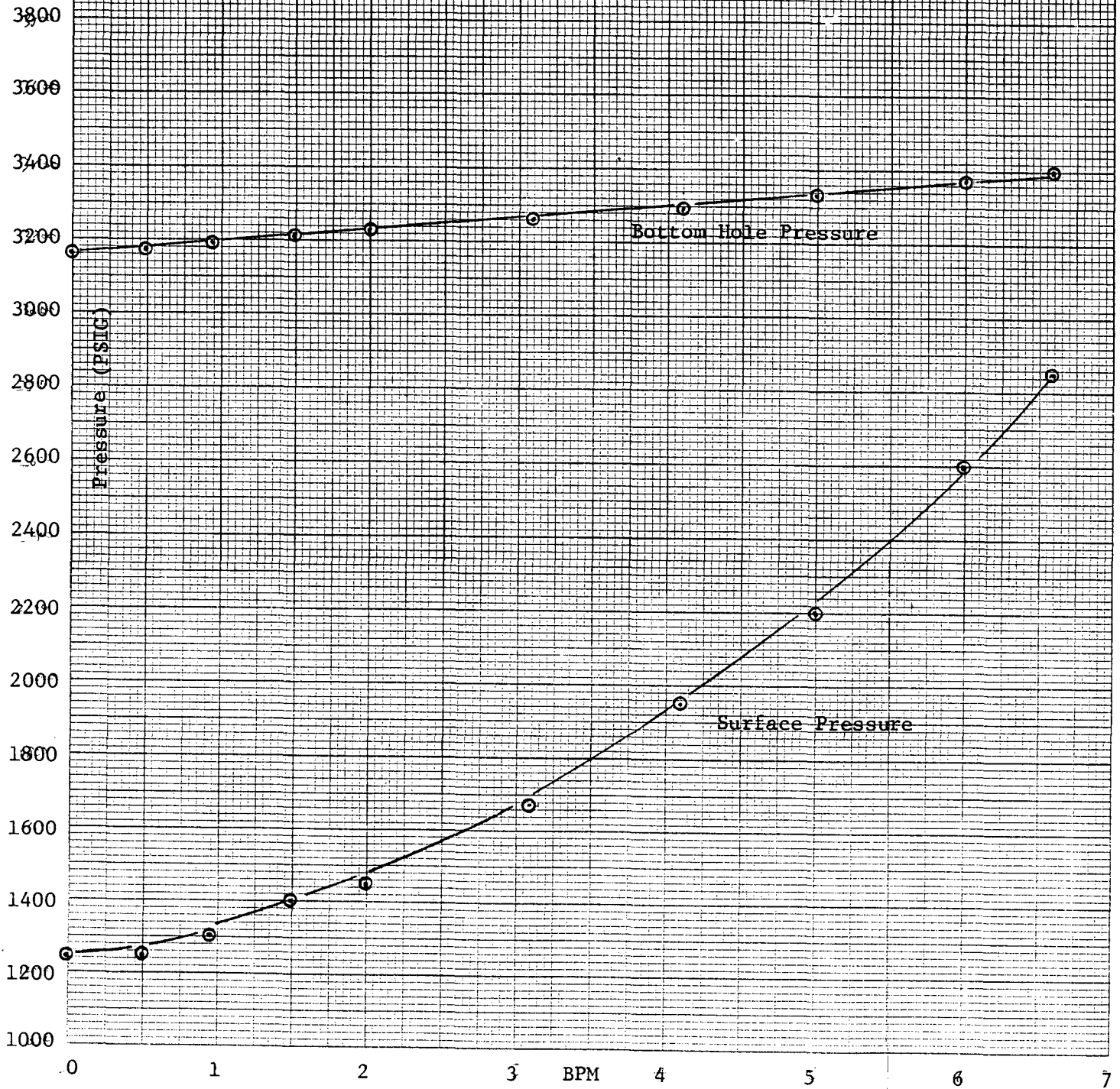
Paul C. Thompson, P.E.

cc: Chuck Badsgard (Sunco)

46 1323

K&E 10 X 10 TO 1/2 INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

FIGURE #1
SUNCO SWB #1
STEP RATE TEST
December 7, 1993





The Western Company—Treatment Report

Date 12-7-93 District Emery, N.M. F. Receipt 4269732 Operator Success Tr Kinney
 Lease Success Disposal Well No. 1 Field San Juan Basin Location Sec 2-T9N-R12W
 County San Juan State N.M. Stage Number 1 This Zone ☒ This Well ☒

WELL DATA OGI ☐ NGI ☐ NOI ☐ OOI ☐ WDI ☒ IWI ☐ Misc. ☐ Depth TD/PB 47 Formation Mesa Verde
 Tubing Size 2 7/8 WT. 45 Set at: 4995 Type Packer Process Bomb Set At 4406
 Casing Size 5.5 WT. 13.5 Set From Surf To TD Liner Size — Wt. —
 Liner Set From — To — Open Hole: Size — From — To — Casing Perforations: Size .35
 Holes Per Foot SIF-2 Intervals 4350-4460
 Previous Treatment — Prior Production —

TREATMENT DATA Pad Used: Yes ☐ No ☐ Pad Type —
 Treating Fluid Type: Foam ☐ Water ☒ Acid ☐ Oil ☐ Treat. Fluid Vol. — Gal.
 Base Fluid Type Treated H₂O Base Fluid Vol. — Gal.
 Foam Qual.: — % Mitchell ☐ Slurry ☐ Surface ☐ Downhole ☐ Total Prop Qty. — Lbs.
 Prop Type: Sand ☐ WP-1 ☐ WP-3 ☐ Baux. ☐ Other —
 Prop Mesh Sizes, Types and Quantities —
 Hole Loaded With Prod. H₂O Treat Via: Tubing ☐ Casing ☒ Anul. ☐ Tubing & Anul. ☐
 Ball Sealers: — In — Stages of —
 Types and Number of Pumps Used 1-Acid FIAC-700
 Auxiliary Materials N/A

LIQUID/GAS PUMPED AND CAPACITIES IN BBLs

Tubing Cap. 24.9
 Casing Cap. 10238
 Annular Cap. 10159
 Open Hole Cap. —
 Fluid to Load —
 Pad Volume —
 Treating Fluid —
 Flush —
 Overflush —
 Fluid to Recover —
 Total N₂ —
 Total CO₂ —

PROCEDURE SUMMARY

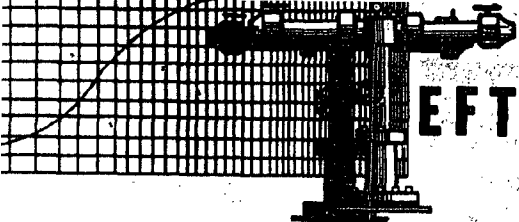
Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLs Pumped		Slurry Rate BPM	Surface CO ₂ BBLs Pumped		CO ₂ Rate BPM	Surface N ₂ MSCF Pumped		N ₂ Rate SCFM	Comments
	STP	Annulus	Stage	Total		Stage	Total		Stage	Total		
7:35	3000											PTCSA
10:45	1350		2.0	—	0.6							5+5 std pressure 1.2 BLM
11:00	1350-1400		22.0	35	1.1							Increase rate 1.8 BLM
11:12	1900				.55							Pump down rate out. 9.5 BLM
11:28	1400		24	35	1.5							Increase rate 1.5 BLM
11:44	1450		30.5	59	2.0							" " 2.0 BLM
11:58	1650-1700		46.5	89.5	3.4							" " 3.0 BLM
12:12	1975		66	136	4.1							" " 4.0 BLM
12:26	2000-2250		84	220	5.0							" " 5.0 BLM
12:39	2600		87	304	6.0							" " 6.0 BLM
1:04	2850		102	391	6.6							" " 6.6 BLM
1:20	1400			493	6.0							Shutdown
												5 min - 1400 psi
												10 min - 1400 psi
												15 min - 1400 psi

Treating Pressure: Min. 1250 Max. 2850 Avg. 2600 Customer Representative Paul Thompson
 Inj. Rate on Treating Fluid 1.5 BLM - 6.6 BLM Rate on Flush — Western Representative T.M. Cabb
 Avg. Inj. Rate — I.S.D.P. 1400 Flush Dens. lb./gal. — Distribution —
 Final Shut-in Pressure 1400 in 15 min Minutes
 Operator's Maximum Pressure 3000 psi

Job Number

200604

Recommendation ID #



SWP • BU • PL • DO • GWT • EPS • GOR • PL • VS

EFTELLER, INC.

reservoir engineering data

P. O. Box 1198
Farmington, New Mexico 87499
(505) 325-1731

FARMINGTON, NEW MEXICO / MIDLAND, TEXAS
GRAND JUNCTION, COLORADO

Farmington Fax (505) 325-1148
Midland Fax (915) 682-5329
Grand Junction Fax (303) 241-7634

EXHIBIT B

Sunco Trucking Co.

Sunco SWD No. 1

December 7, 1993

Serving the Rocky Mountain Area & Permian Basin Area

 *
 * EVENT SUMMARY *
 *

COMPANY : SUNCO

PAGE : B

WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date MM/DD	Time hh:mm:ss	Test Time hhhh.hhhh	Key Event	Pressure Psig	Temp Deg F
12/07	10:34:30	1.8250	INSTRUMENT @4295'	3165.42	59.84
12/07	10:45:00	2.0000	STARTED PUMPING	3158.34	72.15
12/07	11:00:00	2.2500	RATE #1 - .50 BPM	3175.61	76.44
12/07	11:12:00	2.4500	RATE #2 - .95 BPM	3191.52	69.13
12/07	11:28:00	2.7167	RATE #3 - 1.50 BPM	3206.55	62.22
12/07	11:44:00	2.9833	RATE #4 - 2.00 BPM	3234.50	56.21
12/07	11:58:00	3.2167	RATE #5 - 3.00 BPM	3259.11	52.80
12/07	12:12:00	3.4500	RATE #6 - 4.00 BPM	3291.92	49.89
12/07	12:28:00	3.7167	RATE #7 - 5.00 BPM	3331.41	48.80
12/07	12:51:00	4.1000	RATE #8 - 6.00 BPM	3373.61	49.04
12/07	13:04:00	4.3167	RATE #9 - 6.60 BPM	3395.56	47.28
12/07	13:20:30	4.5917	PUMPING SHUT DOWN	3422.92	49.28
12/07	13:40:00	4.9167	INSTRUMENT OFF BOTTOM	3307.79	56.74

COMPANY: SUNCO

PAGE 1 OF 10

WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date MM/DD	Time hh:mm:ss	Test Time hhhh.hhhh	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
12/07	08:45:00	.0000	.01	56.56		
12/07	08:47:07	.0354	1.71	45.02		
12/07	08:47:15	.0375	1.73	44.97		
12/07	08:47:22	.0396	1.99	44.92		
12/07	08:47:30	.0417	2.01	44.86		
12/07	08:47:37	.0437	2.03	44.81		
12/07	08:47:45	.0458	2.05	44.76		
12/07	08:47:52	.0479	2.08	44.71		
12/07	08:48:00	.0500	2.11	44.65		
12/07	08:48:07	.0521	2.13	44.60		
12/07	08:48:15	.0542	2.14	44.55		
12/07	08:48:22	.0562	2.14	44.50		
12/07	08:48:30	.0583	2.13	44.45		
12/07	08:49:00	.0667	2.12	44.27		
12/07	08:49:30	.0750	2.11	44.16		
12/07	08:50:00	.0833	2.09	44.05		
12/07	08:50:30	.0917	2.08	43.93		
12/07	08:51:00	.1000	2.06	43.81		
12/07	08:51:30	.1083	2.05	43.71		
12/07	08:52:00	.1167	2.03	43.59		
12/07	08:52:30	.1250	2.02	43.46		
12/07	08:53:00	.1333	2.01	43.35		
12/07	08:53:30	.1417	2.00	43.23		
12/07	08:54:00	.1500	2.01	43.14		
12/07	08:54:30	.1583	2.02	43.01		
12/07	08:55:00	.1667	2.02	42.93		
12/07	08:55:30	.1750	2.01	42.85		
12/07	08:56:00	.1833	1.99	42.76		
12/07	08:56:30	.1917	1.97	42.68		
12/07	08:57:00	.2000	1.95	42.59		
12/07	08:57:30	.2083	1.93	42.50		
12/07	08:58:00	.2167	1.92	42.41		
12/07	08:58:30	.2250	3.00	42.34		
12/07	08:59:00	.2333	4.65	42.26		
12/07	08:59:30	.2417	10.28	42.17		
12/07	09:00:00	.2500	124.13	42.09		
12/07	09:00:30	.2583	1330.32	42.00		
12/07	09:01:00	.2667	1327.85	41.96		
12/07	09:01:30	.2750	1327.45	41.86		
12/07	09:02:00	.2833	1326.36	41.76		
12/07	09:02:30	.2917	1325.16	41.67		
12/07	09:03:00	.3000	1323.95	41.57		
12/07	09:03:30	.3083	1322.75	41.47		
12/07	09:04:00	.3167	1321.68	41.38		
12/07	09:04:30	.3250	1320.62	41.28		
12/07	09:05:00	.3333	1319.70	41.18		
12/07	09:05:30	.3417	1318.76	41.09		
12/07	09:06:00	.3500	1317.84	40.99		
12/07	09:06:30	.3583	1317.05	40.89		
12/07	09:07:00	.3667	1315.71	40.83		
12/07	09:07:30	.3750	1315.29	40.81		
12/07	09:08:00	.3833	1314.60	40.78		
12/07	09:08:30	.3917	1313.45	40.76		
12/07	09:09:00	.4000	1313.10	40.75		
12/07	09:09:30	.4083	1312.08	40.73		
12/07	09:10:00	.4167	1311.78	40.71		
12/07	09:10:30	.4250	1311.19	40.69		
12/07	09:11:00	.4333	1310.17	40.67		
12/07	09:11:30	.4417	1309.87	40.65		
12/07	09:12:00	.4500	1309.44	40.63		
12/07	09:12:30	.4583	1308.73	40.61		
12/07	09:13:00	.4667	1307.76	40.62		
12/07	09:13:30	.4750	1307.51	40.64		
12/07	09:14:00	.4833	1307.05	40.66		
12/07	09:14:30	.4917	1306.08	40.67		

COMPANY: SUNCO

PAGE 2 OF 10

WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date MM/DD	Time hh:mm:ss	Test Time hhhh.hhhh	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
12/07	09:15:00	.5000	1305.83	40.69		
12/07	09:15:30	.5083	1305.49	40.71		
12/07	09:16:00	.5167	1304.95	40.73		
12/07	09:16:30	.5250	1304.11	40.75		
12/07	09:17:00	.5333	1303.86	40.77		
12/07	09:17:30	.5417	1303.49	40.78		
12/07	09:18:00	.5500	1303.06	40.81		
12/07	09:18:30	.5583	1302.63	40.83		
12/07	09:19:00	.5667	1302.16	40.85		
12/07	09:19:30	.5750	1301.67	40.89		
12/07	09:20:00	.5833	1301.25	40.93		
12/07	09:20:30	.5917	1300.89	40.97		
12/07	09:21:00	.6000	1300.56	41.02		
12/07	09:21:30	.6083	1300.11	41.06		
12/07	09:22:00	.6167	1294.70	41.10		
12/07	09:22:30	.6250	1291.08	41.14		
12/07	09:23:00	.6333	1291.07	41.19		
12/07	09:23:30	.6417	1291.04	41.23		
12/07	09:24:00	.6500	1291.00	41.27		
12/07	09:24:30	.6583	1290.96	41.32		
12/07	09:25:00	.6667	1290.93	41.37		
12/07	09:25:30	.6750	1290.89	41.41		
12/07	09:26:00	.6833	1290.85	41.47		
12/07	09:26:30	.6917	1290.83	41.53		
12/07	09:27:00	.7000	1290.81	41.57		
12/07	09:27:30	.7083	1290.80	41.63		
12/07	09:28:00	.7167	1290.80	41.68		
12/07	09:28:30	.7250	1290.82	41.74		
12/07	09:29:00	.7333	1291.05	41.79		
12/07	09:29:30	.7417	1291.44	41.84		
12/07	09:30:00	.7500	1291.76	41.90		
12/07	09:30:30	.7583	1291.76	41.96		
12/07	09:31:00	.7667	1292.07	42.02		
12/07	09:31:30	.7750	1292.08	42.08		
12/07	09:32:00	.7833	1292.31	42.15		
12/07	09:32:30	.7917	1292.67	42.22		
12/07	09:33:00	.8000	1292.68	42.28		
12/07	09:33:30	.8083	1292.90	42.35		
12/07	09:34:00	.8167	1293.31	42.41		
12/07	09:34:30	.8250	1293.33	42.48		
12/07	09:35:00	.8333	1293.86	42.55		
12/07	09:35:30	.8417	1294.24	42.62		
12/07	09:36:00	.8500	1294.77	42.68		
12/07	09:36:30	.8583	98.62	42.74		
12/07	09:37:00	.8667	1.37	42.81		
12/07	09:37:30	.8750	1.37	42.87		
12/07	09:38:00	.8833	1.37	42.92		
12/07	09:38:30	.8917	1.38	42.97		
12/07	09:39:00	.9000	1.38	43.02		
12/07	09:39:30	.9083	1.38	43.09		
12/07	09:40:00	.9167	1.39	43.13		
12/07	09:40:30	.9250	1.41	43.18		
12/07	09:41:00	.9333	1.41	43.23		
12/07	09:41:30	.9417	1.42	43.29		
12/07	09:42:00	.9500	1.42	43.35		
12/07	09:42:30	.9583	1.41	43.39		
12/07	09:43:00	.9667	1.40	43.43		
12/07	09:43:30	.9750	1.39	43.49		
12/07	09:44:00	.9833	1.38	43.55		
12/07	09:44:30	.9917	1.37	43.61		
12/07	09:45:00	1.0000	1.36	43.66		
12/07	09:45:30	1.0083	1.35	43.72		
12/07	09:46:00	1.0167	1.35	43.78		
12/07	09:46:30	1.0250	1.34	43.83		
12/07	09:47:00	1.0333	1.34	43.89		

COMPANY: SUNCO

PAGE 3 OF 10

WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date MM/DD	Time hh:mm:ss	Test Time hhhh.hhhh	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
12/07	09:47:30	1.0417	1.33	43.94		
12/07	09:48:00	1.0500	1.32	44.00		
12/07	09:48:30	1.0583	1.31	44.06		
12/07	09:49:00	1.0667	1.31	44.12		
12/07	09:49:30	1.0750	1.30	44.19		
12/07	09:50:00	1.0833	1.29	44.25		
12/07	09:50:30	1.0917	1.28	44.32		
12/07	09:51:00	1.1000	1.26	44.33		
12/07	09:51:30	1.1083	1.23	44.40		
12/07	09:52:00	1.1167	1.21	44.46		
12/07	09:52:30	1.1250	1.18	44.53		
12/07	09:53:00	1.1333	1.16	44.60		
12/07	09:53:30	1.1417	1.14	44.66		
12/07	09:54:00	1.1500	1.12	44.73		
12/07	09:54:30	1.1583	1.10	44.80		
12/07	09:55:00	1.1667	1.08	44.85		
12/07	09:55:30	1.1750	1.05	44.93		
12/07	09:56:00	1.1833	1.03	45.02		
12/07	09:56:30	1.1917	1.00	45.09		
12/07	09:57:00	1.2000	.98	45.17		
12/07	09:57:30	1.2083	.96	45.26		
12/07	09:58:00	1.2167	.93	45.31		
12/07	09:58:30	1.2250	.90	45.40		
12/07	09:59:00	1.2333	.88	45.47		
12/07	09:59:30	1.2417	.86	45.55		
12/07	10:00:00	1.2500	.84	45.63		
12/07	10:00:30	1.2583	.82	45.72		
12/07	10:01:00	1.2667	.80	45.79		
12/07	10:01:30	1.2750	.78	45.85		
12/07	10:02:00	1.2833	.75	45.93		
12/07	10:02:30	1.2917	.72	46.01		
12/07	10:03:00	1.3000	.69	46.10		
12/07	10:03:30	1.3083	.66	46.18		
12/07	10:04:00	1.3167	.64	46.27		
12/07	10:04:30	1.3250	.62	46.35		
12/07	10:05:00	1.3333	.60	46.44		
12/07	10:05:30	1.3417	.57	46.49		
12/07	10:06:00	1.3500	.55	46.58		
12/07	10:06:30	1.3583	.51	46.66		
12/07	10:07:00	1.3667	.48	46.74		
12/07	10:07:30	1.3750	.44	46.81		
12/07	10:08:00	1.3833	.41	46.89		
12/07	10:08:30	1.3917	.38	46.97		
12/07	10:09:00	1.4000	.36	47.04		
12/07	10:09:30	1.4083	.34	47.12		
12/07	10:10:00	1.4167	.32	47.20		
12/07	10:10:30	1.4250	.31	47.27		
12/07	10:11:00	1.4333	.29	47.35		
12/07	10:11:30	1.4417	.28	47.42		
12/07	10:12:00	1.4500	.27	47.49		
12/07	10:12:30	1.4583	.26	47.57		
12/07	10:13:00	1.4667	.25	47.63		
12/07	10:13:30	1.4750	.24	47.61		
12/07	10:14:00	1.4833	.23	47.59		
12/07	10:14:30	1.4917	1.19	47.55		
12/07	10:15:00	1.5000	146.73	47.54		
12/07	10:15:30	1.5083	3030.09	47.53		
12/07	10:16:00	1.5167	2889.73	47.51		
12/07	10:16:30	1.5250	2856.80	47.51		
12/07	10:17:00	1.5333	2836.60	47.49		
12/07	10:17:30	1.5417	2819.44	47.49		
12/07	10:18:00	1.5500	2802.84	47.47		
12/07	10:18:30	1.5583	2463.50	47.46		
12/07	10:19:00	1.5667	156.40	47.37		
12/07	10:19:30	1.5750	41.03	47.31		

COMPANY: SUNCO

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WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date MM/DD	Time hh:mm:ss	Test Time hhhh.hhhh	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
12/07	10:20:00	1.5833	1.56	47.26		
12/07	10:20:30	1.5917	1.57	47.20		
12/07	10:21:00	1.6000	1.59	47.14		
12/07	10:21:30	1.6083	2.28	47.09		
12/07	10:22:00	1.6167	7.64	47.03		
12/07	10:22:30	1.6250	1239.99	46.97		
12/07	10:23:00	1.6333	1269.59	46.92		
12/07	10:23:30	1.6417	1284.81	46.86		
12/07	10:24:00	1.6500	1325.20	46.81		
12/07	10:24:30	1.6583	1384.39	46.75		
12/07	10:25:00	1.6667	1446.47	46.39		
12/07	10:25:30	1.6750	1531.32	46.53		
12/07	10:26:00	1.6833	1619.77	46.67		
12/07	10:26:30	1.6917	1708.50	46.81		
12/07	10:27:00	1.7000	1793.08	46.95		
12/07	10:27:30	1.7083	1894.81	47.09		
12/07	10:28:00	1.7167	1999.59	47.23		
12/07	10:28:30	1.7250	2102.72	47.37		
12/07	10:29:00	1.7333	2201.14	47.50		
12/07	10:29:30	1.7417	2296.25	47.64		
12/07	10:30:00	1.7500	2388.58	47.78		
12/07	10:30:30	1.7583	2484.80	47.92		
12/07	10:31:00	1.7667	2590.63	49.02		
12/07	10:31:30	1.7750	2690.88	50.56		
12/07	10:32:00	1.7833	2784.44	52.11		
12/07	10:32:30	1.7917	2882.38	53.66		
12/07	10:33:00	1.8000	2978.89	55.20		
12/07	10:33:30	1.8083	3067.61	56.75		
12/07	10:34:00	1.8167	3141.93	58.29		
12/07	10:34:30	1.8250	3165.42	59.84		
12/07	10:35:00	1.8333	3165.24	61.38		
12/07	10:35:30	1.8417	3166.38	62.92		
12/07	10:36:00	1.8500	3165.76	64.46		
12/07	10:36:30	1.8583	3165.13	66.00		
12/07	10:37:00	1.8667	3164.70	66.94		
12/07	10:37:30	1.8750	3164.66	67.36		
12/07	10:38:00	1.8833	3164.63	67.84		
12/07	10:38:30	1.8917	3164.50	68.23		
12/07	10:39:00	1.9000	3164.33	68.65		
12/07	10:39:30	1.9083	3162.79	69.08		
12/07	10:40:00	1.9167	3162.17	69.51		
12/07	10:40:30	1.9250	3161.59	69.94		
12/07	10:41:00	1.9333	3161.07	70.36		
12/07	10:41:30	1.9417	3161.02	70.79		
12/07	10:42:00	1.9500	3160.91	71.22		
12/07	10:42:30	1.9583	3159.94	71.65		
12/07	10:43:00	1.9667	3159.63	71.84		
12/07	10:43:30	1.9750	3159.40	71.92		
12/07	10:44:00	1.9833	3159.17	72.00		
12/07	10:44:30	1.9917	3158.95	72.07		
12/07	10:45:00	2.0000	3158.34	72.15		
12/07	10:45:30	2.0083	3157.99	72.22		
12/07	10:46:00	2.0167	3157.77	72.31		
12/07	10:46:30	2.0250	3162.26	72.38		
12/07	10:47:00	2.0333	3158.91	72.46		
12/07	10:47:30	2.0417	3162.17	72.54		
12/07	10:48:00	2.0500	3158.55	72.61		
12/07	10:48:30	2.0583	3169.23	72.69		
12/07	10:49:00	2.0667	3162.62	73.15		
12/07	10:49:30	2.0750	3161.83	73.49		
12/07	10:50:00	2.0833	3162.44	73.83		
12/07	10:50:30	2.0917	3162.44	74.16		
12/07	10:51:00	2.1000	3162.42	74.50		
12/07	10:51:30	2.1083	3165.19	74.84		
12/07	10:52:00	2.1167	3165.28	75.17		

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STARTED PUMPING

COMPANY: SUNCO

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WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date MM/DD	Time hh:mm:ss	Test Time hhhh.hhhh	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
12/07	10:52:30	2.1250	3165.92	75.51		
12/07	10:53:00	2.1333	3167.40	75.85		
12/07	10:53:30	2.1417	3167.66	76.18		
12/07	10:54:00	2.1500	3166.36	76.53		
12/07	10:54:30	2.1583	3169.77	76.86		
12/07	10:55:00	2.1667	3168.80	76.78		
12/07	10:55:30	2.1750	3172.58	76.75		
12/07	10:56:00	2.1833	3165.18	76.72		
12/07	10:56:30	2.1917	3174.27	76.68		
12/07	10:57:00	2.2000	3173.37	76.65		
12/07	10:57:30	2.2083	3173.23	76.61		
12/07	10:58:00	2.2167	3173.94	76.58		
12/07	10:58:30	2.2250	3174.93	76.55		
12/07	10:59:00	2.2333	3174.74	76.51		
12/07	10:59:30	2.2417	3175.28	76.48		
12/07	11:00:00	2.2500	3175.61	76.44		RATE #1 - .50 BPM
12/07	11:00:30	2.2583	3171.41	76.41		
12/07	11:01:00	2.2667	3178.63	76.28		
12/07	11:01:30	2.2750	3178.05	76.03		
12/07	11:02:00	2.2833	3182.22	75.78		
12/07	11:02:30	2.2917	3176.87	75.54		
12/07	11:03:00	2.3000	3180.59	75.29		
12/07	11:03:30	2.3083	3181.90	75.05		
12/07	11:04:00	2.3167	3189.68	74.80		
12/07	11:04:30	2.3250	3180.48	74.56		
12/07	11:05:00	2.3333	3186.95	74.31		
12/07	11:05:30	2.3417	3186.37	74.06		
12/07	11:06:00	2.3500	3179.55	73.81		
12/07	11:06:30	2.3583	3196.20	73.57		
12/07	11:07:00	2.3667	3185.97	73.20		
12/07	11:07:30	2.3750	3202.72	72.80		
12/07	11:08:00	2.3833	3187.84	72.39		
12/07	11:08:30	2.3917	3203.50	71.98		
12/07	11:09:00	2.4000	3187.79	71.58		
12/07	11:09:30	2.4083	3205.11	71.17		
12/07	11:10:00	2.4167	3189.40	70.76		
12/07	11:10:30	2.4250	3208.92	70.35		
12/07	11:11:00	2.4333	3190.18	69.95		
12/07	11:11:30	2.4417	3209.71	69.54		
12/07	11:12:00	2.4500	3191.52	69.13		RATE #2 - .95 BPM
12/07	11:12:30	2.4583	3208.30	68.73		
12/07	11:13:00	2.4667	3192.85	68.35		
12/07	11:13:30	2.4750	3197.17	68.05		
12/07	11:14:00	2.4833	3198.24	67.75		
12/07	11:14:30	2.4917	3198.04	67.46		
12/07	11:15:00	2.5000	3198.07	67.16		
12/07	11:15:30	2.5083	3202.07	66.86		
12/07	11:16:00	2.5167	3201.68	66.57		
12/07	11:16:30	2.5250	3201.70	66.27		
12/07	11:17:00	2.5333	3201.60	65.97		
12/07	11:17:30	2.5417	3201.62	65.67		
12/07	11:18:00	2.5500	3198.37	65.37		
12/07	11:18:30	2.5583	3198.42	65.07		
12/07	11:19:00	2.5667	3201.74	64.85		
12/07	11:19:30	2.5750	3204.34	64.68		
12/07	11:20:00	2.5833	3204.90	64.50		
12/07	11:20:30	2.5917	3204.43	64.32		
12/07	11:21:00	2.6000	3204.12	64.15		
12/07	11:21:30	2.6083	3203.35	63.97		
12/07	11:22:00	2.6167	3203.28	63.79		
12/07	11:22:30	2.6250	3202.52	63.62		
12/07	11:23:00	2.6333	3201.13	63.44		
12/07	11:23:30	2.6417	3204.74	63.26		
12/07	11:24:00	2.6500	3206.41	63.09		
12/07	11:24:30	2.6583	3206.89	62.92		

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WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date MM/DD	Time hh:mm:ss	Test Time hhhh.hhhh	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
12/07	11:25:00	2.6667	3203.69	62.78		
12/07	11:25:30	2.6750	3202.73	62.69		
12/07	11:26:00	2.6833	3204.36	62.60		
12/07	11:26:30	2.6917	3208.01	62.51		
12/07	11:27:00	2.7000	3207.49	62.41		
12/07	11:27:30	2.7083	3202.62	62.32		
12/07	11:28:00	2.7167	3206.55	62.22		
12/07	11:28:30	2.7250	3209.37	62.13		
12/07	11:29:00	2.7333	3203.37	62.03		
12/07	11:29:30	2.7417	3203.87	61.94		
12/07	11:30:00	2.7500	3210.67	61.85		
12/07	11:30:30	2.7583	3214.05	61.76		
12/07	11:31:00	2.7667	3214.05	61.65		
12/07	11:31:30	2.7750	3214.70	61.45		
12/07	11:32:00	2.7833	3219.65	61.24		
12/07	11:32:30	2.7917	3218.77	61.03		
12/07	11:33:00	2.8000	3221.59	60.81		
12/07	11:33:30	2.8083	3222.62	60.61		
12/07	11:34:00	2.8167	3220.78	60.40		
12/07	11:34:30	2.8250	3225.63	60.19		
12/07	11:35:00	2.8333	3222.19	59.97		
12/07	11:35:30	2.8417	3223.51	59.76		
12/07	11:36:00	2.8500	3225.87	59.56		
12/07	11:36:30	2.8583	3224.02	59.34		
12/07	11:37:00	2.8667	3225.10	59.06		
12/07	11:37:30	2.8750	3226.67	58.84		
12/07	11:38:00	2.8833	3227.02	58.62		
12/07	11:38:30	2.8917	3230.22	58.40		
12/07	11:39:00	2.9000	3230.52	58.17		
12/07	11:39:30	2.9083	3228.06	57.95		
12/07	11:40:00	2.9167	3232.08	57.73		
12/07	11:40:30	2.9250	3232.54	57.51		
12/07	11:41:00	2.9333	3230.48	57.28		
12/07	11:41:30	2.9417	3234.78	57.06		
12/07	11:42:00	2.9500	3231.91	56.84		
12/07	11:42:30	2.9583	3232.95	56.62		
12/07	11:43:00	2.9667	3236.61	56.46		
12/07	11:43:30	2.9750	3233.39	56.33		
12/07	11:44:00	2.9833	3234.50	56.21		
12/07	11:44:30	2.9917	3237.99	56.08		
12/07	11:45:00	3.0000	3242.51	55.95		
12/07	11:45:30	3.0083	3242.01	55.83		
12/07	11:46:00	3.0167	3244.64	55.69		
12/07	11:46:30	3.0250	3244.44	55.57		
12/07	11:47:00	3.0333	3245.15	55.44		
12/07	11:47:30	3.0417	3249.62	55.31		
12/07	11:48:00	3.0500	3249.87	55.18		
12/07	11:48:30	3.0583	3245.94	55.06		
12/07	11:49:00	3.0667	3251.59	54.90		
12/07	11:49:30	3.0750	3251.41	54.75		
12/07	11:50:00	3.0833	3250.39	54.60		
12/07	11:50:30	3.0917	3250.42	54.46		
12/07	11:51:00	3.1000	3251.92	54.32		
12/07	11:51:30	3.1083	3253.45	54.17		
12/07	11:52:00	3.1167	3253.47	54.03		
12/07	11:52:30	3.1250	3253.50	53.88		
12/07	11:53:00	3.1333	3257.73	53.74		
12/07	11:53:30	3.1417	3257.54	53.60		
12/07	11:54:00	3.1500	3253.80	53.45		
12/07	11:54:30	3.1583	3256.69	53.31		
12/07	11:55:00	3.1667	3260.36	53.20		
12/07	11:55:30	3.1750	3256.53	53.14		
12/07	11:56:00	3.1833	3257.17	53.07		
12/07	11:56:30	3.1917	3258.33	53.00		
12/07	11:57:00	3.2000	3261.95	52.93		

RATE #3 - 1.50 BPM

RATE #4 - 2.00 BPM

COMPANY: SUNCO

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WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date MM/DD	Time hh:mm:ss	Test Time hhhh.hhhh	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
12/07	11:57:30	3.2083	3260.82	52.87		
12/07	11:58:00	3.2167	3259.11	52.80		
12/07	11:58:30	3.2250	3260.99	52.74		
12/07	11:59:00	3.2333	3264.36	52.67		
12/07	11:59:30	3.2417	3267.45	52.61		
12/07	12:00:00	3.2500	3270.27	52.54		
12/07	12:00:30	3.2583	3271.50	52.47		
12/07	12:01:00	3.2667	3272.16	52.40		
12/07	12:01:30	3.2750	3276.58	52.26		
12/07	12:02:00	3.2833	3277.42	52.12		
12/07	12:02:30	3.2917	3282.89	51.97		
12/07	12:03:00	3.3000	3283.88	51.83		
12/07	12:03:30	3.3083	3279.80	51.68		
12/07	12:04:00	3.3167	3283.51	51.54		
12/07	12:04:30	3.3250	3286.67	51.39		
12/07	12:05:00	3.3333	3284.30	51.25		
12/07	12:05:30	3.3417	3285.60	51.10		
12/07	12:06:00	3.3500	3286.21	50.96		
12/07	12:06:30	3.3583	3287.60	50.81		
12/07	12:07:00	3.3667	3292.23	50.67		
12/07	12:07:30	3.3750	3285.66	50.59		
12/07	12:08:00	3.3833	3292.92	50.51		
12/07	12:08:30	3.3917	3292.92	50.43		
12/07	12:09:00	3.4000	3290.27	50.36		
12/07	12:09:30	3.4083	3291.33	50.28		
12/07	12:10:00	3.4167	3291.64	50.20		
12/07	12:10:30	3.4250	3296.83	50.12		
12/07	12:11:00	3.4333	3289.69	50.04		
12/07	12:11:30	3.4417	3290.20	49.97		
12/07	12:12:00	3.4500	3291.92	49.89		
12/07	12:12:30	3.4583	3292.38	49.81		
12/07	12:13:00	3.4667	3294.22	49.78		
12/07	12:13:30	3.4750	3294.94	49.74		
12/07	12:14:00	3.4833	3296.11	49.69		
12/07	12:14:30	3.4917	3292.78	49.66		
12/07	12:15:00	3.5000	3306.65	49.62		
12/07	12:15:30	3.5083	3306.65	49.57		
12/07	12:16:00	3.5167	3310.59	49.54		
12/07	12:16:30	3.5250	3311.06	49.50		
12/07	12:17:00	3.5333	3313.98	49.46		
12/07	12:17:30	3.5417	3313.42	49.42		
12/07	12:18:00	3.5500	3318.19	49.38		
12/07	12:18:30	3.5583	3317.35	49.34		
12/07	12:19:00	3.5667	3319.38	49.28		
12/07	12:19:30	3.5750	3314.71	49.24		
12/07	12:20:00	3.5833	3320.56	49.20		
12/07	12:20:30	3.5917	3321.18	49.16		
12/07	12:21:00	3.6000	3316.19	49.12		
12/07	12:21:30	3.6083	3316.37	49.08		
12/07	12:22:00	3.6167	3317.42	49.04		
12/07	12:22:30	3.6250	3325.98	49.00		
12/07	12:23:00	3.6333	3325.87	48.96		
12/07	12:23:30	3.6417	3325.04	48.92		
12/07	12:24:00	3.6500	3323.54	48.88		
12/07	12:24:30	3.6583	3328.89	48.84		
12/07	12:25:00	3.6667	3327.87	48.83		
12/07	12:25:30	3.6750	3327.40	48.83		
12/07	12:26:00	3.6833	3328.23	48.82		
12/07	12:26:30	3.6917	3323.65	48.81		
12/07	12:27:00	3.7000	3326.97	48.81		
12/07	12:27:30	3.7083	3327.71	48.80		
12/07	12:28:00	3.7167	3331.41	48.80		
12/07	12:28:30	3.7250	3325.60	48.79		
12/07	12:29:00	3.7333	3333.64	48.78		
12/07	12:29:30	3.7417	3332.93	48.78		

RATE #5 - 2.50 BPM

RATE #6 - 3.00 BPM

RATE #7 - 4.00 BPM

COMPANY: SUNCO

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WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date	Time	Test Time	Pressure	Temp	deltaP	Comment
MM/DD	hh:mm:ss	hhhh.hhhh	Psig	Deg F	Psi	Ga. Press Ref. to 14.7 Psi Atm.
12/07	12:30:00	3.7500	3332.91	48.77		
12/07	12:30:30	3.7583	3343.90	48.76		
12/07	12:31:00	3.7667	3336.43	48.76		
12/07	12:31:30	3.7750	3336.14	48.75		
12/07	12:32:00	3.7833	3346.13	48.74		
12/07	12:32:30	3.7917	3345.21	48.74		
12/07	12:33:00	3.8000	3345.06	48.72		
12/07	12:33:30	3.8083	3341.18	48.71		
12/07	12:34:00	3.8167	3348.10	48.71		
12/07	12:34:30	3.8250	3347.52	48.70		
12/07	12:35:00	3.8333	3352.27	48.69		
12/07	12:35:30	3.8417	3344.80	48.68		
12/07	12:36:00	3.8500	3350.90	48.67		
12/07	12:36:30	3.8583	3350.02	48.67		
12/07	12:37:00	3.8667	3358.65	48.67		
12/07	12:37:30	3.8750	3357.62	48.68		
12/07	12:38:00	3.8833	3357.63	48.69		
12/07	12:38:30	3.8917	3349.49	48.70		
12/07	12:39:00	3.9000	3349.92	48.71		
12/07	12:39:30	3.9083	3356.95	48.72		
12/07	12:40:00	3.9167	3357.52	48.74		
12/07	12:40:30	3.9250	3358.75	48.74		
12/07	12:41:00	3.9333	3358.77	48.76		
12/07	12:41:30	3.9417	3353.59	48.76		
12/07	12:42:00	3.9500	3352.55	48.78		
12/07	12:42:30	3.9583	3358.55	48.79		
12/07	12:43:00	3.9667	3363.25	48.80		
12/07	12:43:30	3.9750	3358.53	48.81		
12/07	12:44:00	3.9833	3364.05	48.83		
12/07	12:44:30	3.9917	3357.68	48.84		
12/07	12:45:00	4.0000	3356.79	48.85		
12/07	12:45:30	4.0083	3360.97	48.87		
12/07	12:46:00	4.0167	3357.64	48.88		
12/07	12:46:30	4.0250	3358.36	48.90		
12/07	12:47:00	4.0333	3352.08	48.91		
12/07	12:47:30	4.0417	3360.93	48.92		
12/07	12:48:00	4.0500	3364.79	48.94		
12/07	12:48:30	4.0583	3373.64	48.95		
12/07	12:49:00	4.0667	3363.40	48.95		
12/07	12:49:30	4.0750	3368.09	48.97		
12/07	12:50:00	4.0833	3370.84	48.99		
12/07	12:50:30	4.0917	3371.84	49.02		
12/07	12:51:00	4.1000	3373.61	49.04		
12/07	12:51:30	4.1083	3378.25	49.06		
12/07	12:52:00	4.1167	3359.96	49.09		
12/07	12:52:30	4.1250	3380.15	49.11		
12/07	12:53:00	4.1333	3380.43	49.13		
12/07	12:53:30	4.1417	3381.69	49.16		
12/07	12:54:00	4.1500	3383.17	49.18		
12/07	12:54:30	4.1583	3384.26	49.21		
12/07	12:55:00	4.1667	3385.86	49.13		
12/07	12:55:30	4.1750	3383.57	48.99		
12/07	12:56:00	4.1833	3383.57	48.82		
12/07	12:56:30	4.1917	3387.15	48.69		
12/07	12:57:00	4.2000	3387.97	48.55		
12/07	12:57:30	4.2083	3388.38	48.40		
12/07	12:58:00	4.2167	3387.76	48.24		
12/07	12:58:30	4.2250	3387.80	48.10		
12/07	12:59:00	4.2333	3389.62	47.95		
12/07	12:59:30	4.2417	3393.17	47.80		
12/07	13:00:00	4.2500	3393.86	47.66		
12/07	13:00:30	4.2583	3393.85	47.49		
12/07	13:01:00	4.2667	3393.89	47.40		
12/07	13:01:30	4.2750	3393.52	47.38		
12/07	13:02:00	4.2833	3392.55	47.35		

RATE #8 - 6.00 BPM

COMPANY: SUNCO

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WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date MM/DD	Time hh:mm:ss	Test Time hhhh.hhhh	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
12/07	13:02:30	4.2917	3392.42	47.33		
12/07	13:03:00	4.3000	3392.43	47.32		
12/07	13:03:30	4.3083	3391.34	47.30		
12/07	13:04:00	4.3167	3395.56	47.28		
12/07	13:04:30	4.3250	3396.00	47.26		
12/07	13:05:00	4.3333	3396.02	47.24		
12/07	13:05:30	4.3417	3396.04	47.22		
12/07	13:06:00	4.3500	3405.88	47.20		
12/07	13:06:30	4.3583	3402.02	47.18		
12/07	13:07:00	4.3667	3402.56	47.24		
12/07	13:07:30	4.3750	3403.89	47.31		
12/07	13:08:00	4.3833	3403.47	47.39		
12/07	13:08:30	4.3917	3403.17	47.47		
12/07	13:09:00	4.4000	3410.84	47.55		
12/07	13:09:30	4.4083	3405.78	47.63		
12/07	13:10:00	4.4167	3412.36	47.71		
12/07	13:10:30	4.4250	3411.11	47.80		
12/07	13:11:00	4.4333	3413.88	47.87		
12/07	13:11:30	4.4417	3408.27	47.96		
12/07	13:12:00	4.4500	3415.41	48.03		
12/07	13:12:30	4.4583	3411.74	48.11		
12/07	13:13:00	4.4667	3415.54	48.20		
12/07	13:13:30	4.4750	3416.49	48.28		
12/07	13:14:00	4.4833	3412.35	48.36		
12/07	13:14:30	4.4917	3412.35	48.44		
12/07	13:15:00	4.5000	3416.39	48.50		
12/07	13:15:30	4.5083	3419.36	48.58		
12/07	13:16:00	4.5167	3418.72	48.65		
12/07	13:16:30	4.5250	3414.53	48.73		
12/07	13:17:00	4.5333	3416.95	48.81		
12/07	13:17:30	4.5417	3420.77	48.88		
12/07	13:18:00	4.5500	3415.72	48.95		
12/07	13:18:30	4.5583	3422.02	49.03		
12/07	13:19:00	4.5667	3416.71	49.09		
12/07	13:19:30	4.5750	3420.80	49.16		
12/07	13:20:00	4.5833	3420.17	49.22		
12/07	13:20:30	4.5917	3422.92	49.28		
12/07	13:21:00	4.6000	3419.82	49.35		
12/07	13:21:30	4.6083	3389.86	49.41		
12/07	13:22:00	4.6167	3380.40	49.47		
12/07	13:22:30	4.6250	3374.81	49.53		
12/07	13:23:00	4.6333	3369.77	49.60		
12/07	13:23:30	4.6417	3365.85	49.66		
12/07	13:24:00	4.6500	3362.20	49.72		
12/07	13:24:30	4.6583	3358.82	49.79		
12/07	13:25:00	4.6667	3355.95	49.90		
12/07	13:25:30	4.6750	3353.00	50.13		
12/07	13:26:00	4.6833	3350.33	50.35		
12/07	13:26:30	4.6917	3348.97	50.58		
12/07	13:27:00	4.7000	3346.57	50.80		
12/07	13:27:30	4.7083	3344.17	51.03		
12/07	13:28:00	4.7167	3342.07	51.25		
12/07	13:28:30	4.7250	3340.08	51.47		
12/07	13:29:00	4.7333	3338.11	51.70		
12/07	13:29:30	4.7417	3336.27	51.92		
12/07	13:30:00	4.7500	3334.44	52.14		
12/07	13:30:30	4.7583	3332.74	52.37		
12/07	13:31:00	4.7667	3331.13	52.65		
12/07	13:31:30	4.7750	3329.53	52.92		
12/07	13:32:00	4.7833	3327.94	53.19		
12/07	13:32:30	4.7917	3326.48	53.47		
12/07	13:33:00	4.8000	3325.01	53.74		
12/07	13:33:30	4.8083	3323.56	54.01		
12/07	13:34:00	4.8167	3322.09	54.29		
12/07	13:34:30	4.8250	3320.65	54.56		

RATE #9 - 6.60 BPM

PUMPING SHUT DOWN

COMPANY: SUNCO

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WELL NAME : SUNCO S.W.D. NO. 1

DATE : 12/08/93

WELL LOCATION : SAN JUAN COUNTY, NEW MEXICO

FILE REF: F180C07.DAT

Date MM/DD	Time hh:mm:ss	Test Time hhhh.hhhh	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
12/07	13:35:00	4.8333	3319.33	54.83		
12/07	13:35:30	4.8417	3318.01	55.11		
12/07	13:36:00	4.8500	3316.84	55.38		
12/07	13:36:30	4.8583	3315.66	55.65		
12/07	13:37:00	4.8667	3314.37	55.89		
12/07	13:37:30	4.8750	3313.16	56.03		
12/07	13:38:00	4.8833	3311.94	56.17		
12/07	13:38:30	4.8917	3310.88	56.31		
12/07	13:39:00	4.9000	3309.94	56.46		
12/07	13:39:30	4.9083	3308.85	56.60		
12/07	13:40:00	4.9167	3307.79	56.74		
12/07	13:40:30	4.9250	3306.85	56.88		
12/07	13:41:00	4.9333	3303.59	57.03		
12/07	13:41:30	4.9417	3303.78	57.17		
12/07	13:42:00	4.9500	3280.18	57.30		
12/07	13:42:30	4.9583	3191.13	57.45		
12/07	13:43:00	4.9667	3086.45	57.46		
12/07	13:43:30	4.9750	2966.71	57.29		
12/07	13:44:00	4.9833	2844.48	57.12		
12/07	13:44:30	4.9917	2717.84	56.94		
12/07	13:45:00	5.0000	2586.51	56.77		
12/07	13:45:30	5.0083	2447.72	56.59		
12/07	13:46:00	5.0167	2302.04	56.42		
12/07	13:46:30	5.0250	2154.98	56.24		
12/07	13:47:00	5.0333	1999.36	56.07		
12/07	13:47:30	5.0417	1835.75	55.90		
12/07	13:48:00	5.0500	1665.80	55.72		
12/07	13:48:30	5.0583	1501.93	55.55		
12/07	13:49:00	5.0667	1388.21	54.67		
12/07	13:49:30	5.0750	1369.66	54.87		
12/07	13:50:00	5.0833	1364.92	55.06		
12/07	13:50:30	5.0917	1101.38	55.25		
12/07	13:51:00	5.1000	.01	55.45		
12/07	13:51:30	5.1083	.01	55.64		
12/07	13:52:00	5.1167	.01	55.83		
12/07	13:52:30	5.1250	.01	56.03		
12/07	13:53:00	5.1333	.01	56.22		
12/07	13:53:30	5.1417	.01	56.41		
12/07	13:54:00	5.1500	.01	56.61		
12/07	13:54:30	5.1583	.01	56.80		

INSTRUMENT OFF BOTTOM

SUNCO

Pressure vs Elapsed Time

SAN JUAN COUNTY, N.M. NO. 1
SUNCO S.H.D. NO. 1
F188C87.DRI

TEFTLELLER, INC.
12-7-93
STEP RATE TEST

