

10/4/07 DATE IN	 SUSPENSE	WTS ENGINEER	LOGGED IN	TYPE 286	APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] OPERATOR/Applicant Name: _____ OGRD: _____
 (If one well) Lease/Well Name: _____
 Well API No. 30- _____ - _____

[2] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[3] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM
 U.S. Bureau of Land Management
- [E] ☐ Notification and/or Concurrent Approval by SLO
 Commissioner of Public Lands, State Land Office
- [F] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [G] ☐ Waivers are Attached

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name	Signature	Title	Date
		e-mail Address	

Coleman Oil & Gas, Inc.
P.O. Drawer 3337
Farmington, NM 87499-3337

VIA US MAIL

Thursday, October 04, 2007

Mr. William Jones
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Attn: Mr. Jones

Re: Juniper SWD #4; API #30-045-32783, Sec17, T24N, R10W

Dear Mr. Jones:

Coleman Oil & Gas, Inc. recently ran a Step Rate Test on the Juniper SWD #4; API #30-045-32783, Sec17, T24N, R10W to determine the parting pressure of this disposal well currently operated by Coleman Oil & Gas, Inc. After review of the bottom-hole pressure and surface pressure with corresponding rates, I would like to request an increase in the maximum surface pressure from 563 psig to a maximum pressure of 960 psig.

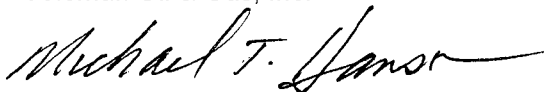
During my review of the bottom pressure readings I noticed that the first step recorded a pressure reading that fell below the trend line recorded by the next three steps. After review of the data as well as the procedure, I feel confident that this reading when compared to the other points was due to well bore storage effect from being shut in more than 24 hours prior to conducting the test.

In addition I would like to mention that the procedure called for several additional steps and would have continued as planned however, a leak on the well head that occurred during the start of the sixth stage of 6 barrels per minute required us to terminate the test. After review of the data I feel confident that the parting pressure is above the requested increased maximum surface pressure reading of 960 psig.

If you have any questions, please give me a call at the phone number listed below.

Sincerely,

Coleman Oil & Gas, Inc.



Michael T. Hanson
Operations Engineer
(505) 327-0356

XC: Oil Conservation Office - Aztec
Bureau of Land Management – Farmington
Chris Coleman
Well File

RECEIVED
2007 OCT 9 PM 2 11

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-32783
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No. Federal Lease # 101058

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☒ Disposal		7. Lease Name or Unit Agreement Name Juniper SWD; Blanco Mesa Verde
2. Name of Operator Coleman Oil & Gas, Inc.		8. Well Number #4
3. Address of Operator P.O. Drawer 3337 Farmington, NM 87499		9. OGRID Number 004838
4. Well Location Unit Letter : N : 660 feet from the South line and 2015 feet from the West line Section 17 Township 24N Range 10W NMPM County San Juan		10. Pool name or Wildcat SWD; Blanco Mesa Verde
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6650' GR.		
Pit or Below-grade Tank Application ☐ or Closure ☐		
Pit type: LINED EARTHEN Depth to Groundwater: 450 feet. Distance from nearest fresh water well 2 miles. Distance from nearest surface water 7 miles.		
Pit Liner Thickness: 8 mil Below-Grade Tank: Volume bbls; Construction Material		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ OTHER: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER Step rate Test ☒
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ATTACHED IS THE BOTTOM-HOLE PRESSURE INFORMATION FROM THE STEP RATE TEST THAT WAS RUN ON SEPTEMBER 5, 2007. COLEMAN OIL & GAS, INC. WOULD LIKE TO PROPOSE AN INCREASE IN THE MAXIMUM SURFACE INJECTION PRESSURE TO 960.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed and closed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Michael T. Hanson TITLE: Operations Engineer DATE: October 4, 2007

Michael T. Hanson cogmhanson@sprynet.com (505) 327-0356

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Jones, William V., EMNRD

From: Michael T. Hanson [cogmhanson@sprynet.com]
Sent: Thursday, October 04, 2007 1:10 PM
To: Perrin, Charlie, EMNRD; Jones, William V., EMNRD
Cc: blt5@earthlink.net
Subject: Juniper SWD #4 Step Rate Test

Attachments: Tefteller,+Inc..pdf; Superior Well Service Juniper SWD #4 Job Log.xls; JUNIPER SWD #4 INJECTION TEST.xls



Tefteller,+Inc..pdf
(8 MB)



Superior Well
Service Juniper ...



JUNIPER SWD #4
INJECTION TEST....

Coleman Oil & Gas, Inc. recently ran a Step Rate Test on the Juniper SWD #4; API #30-045-32783, Sec17, T24N, R10W to determine the parting pressure of this disposal well currently operated by Coleman Oil & Gas, Inc. After review of the bottom-hole pressure and surface pressure with corresponding rates, I would like to request an increase in the maximum surface pressure from 563 psig to a maximum pressure of 960 psig.

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In addition I would like to mention that the procedure called for several additional steps and would have continued as planned however, a leak on the well head that occurred during the start of the sixth stage of 6 barrels per minute required us to terminate the test. After review of the data I feel confident that the parting pressure is above the requested increased maximum surface pressure reading of 960 psig.

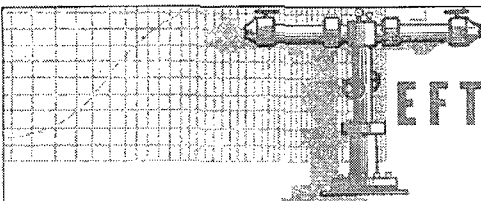
If you have any questions, please give me a call at the phone number listed below.

Michael T. Hanson
Coleman Oil & Gas, Inc.
Operations Engineer
(505) 327-0356

This inbound email has been scanned by the MessageLabs Email Security System.

STEP RATE TEST		JOB SUMMARY		INVOICE NUMBER 36-000574	TICKET DATE 09/05/07
CAMP FARMINGTON, NM	REGION RM	STATE NM	COUNTY SAN JUAN	STATE NM	
	SWSI EMPLOYEE NAME DEAN G. PARKER				
LOCATION FARMINGTON, NM	COMPANY COLEMAN OIL & GAS	CUSTOMER REP / PHONE MIKE HANSON		505-327-0356	
TICKET AMOUNT \$3,572.49	WELL TYPE GAS	API/UWI #			
WELL LOCATION CR 7515 SAN JUAN COUNTY	DEPARTMENT FRAC				
LEASE NAME JUNIPER SWD	Well No. #4	SEC / TWP / RNG			

[illegible]



BHP • BU • PI • DD • GWT • RES • GOR • FL • TS

EFTELLER, INC.

reservoir engineering data

FARMINGTON, NEW MEXICO/
GRAND JUNCTION, COLORADO

P. O. Box 1198
Farmington, New Mexico 87499
(505) 325-1731
Fax (505) 325-1148

2332 Interstate Ave., Ste. A
Grand Junction, CO 81505
(970) 241-0403
Fax (970) 241-7634

COLEMAN OIL AND GAS, INC.

JUNIPER SWD NO. 4

SEPTEMBER 5, 2007

Serving the Rocky Mountain Area

Customer COLEMAN OIL & GAS, INC.
Street P.O. DRAWER 3337
City/State..... FARMINGTON, NM 87499
Country USA
Service Company TEFTELLER, INC.

Well Name JUNIPER SWD NO. 4
Well Location SAN JUAN COUNTY, NM
Field / Pool BLANCO MESA VERDE
Status (Oil, Gas, Other) GAS

Test Type STEP RATE & FALL-OFF TESTS
Date of Test 9-5-2007
Producing Interval
Recorder Depth 2815'
Recorder Position 2815'
Shut In Date Start: 9-5-2007
Stop: 9-5-2007
Duration: 7 HRS. TANDEM ELEC. MEMORY INST. TIME
Bottom Hole Temperature

Gauge Identification

Gauge Manufacturer MICRO-SMART SYSTEMS
Serial Number 249
Model Number
Pressure Range
Battery Type
Calibration I.D.
Last Calibration 2/ 2/ 7

Gauge Setup Parameters

Probe Set Up Time 9/ 5/ 7 9:15: 0
Time Delay to First Reading
Test Type Selection STEP RATE & FALL-OFF TEST
Test Duration Selection 7 HRS. TANDEM ELEC. MEMORY INST. TIME

 *
 * EVENT SUMMARY *
 *

COMPANY : COLEMAN OIL & GAS, INC.

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WELL NAME : JUNIPER SWD NO. 4

DATE : 09/11/07

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F249906.DAT

Date	Time	Test Time	Key Event	Pressure	Temp
MM/DD	hh:mm:ss	mmmmmm.mmmmm		Psig	Deg F
09/05	09:21:00	6.0000	PRESSURED UP LUBRICATOR	11.55	77.82
09/05	09:21:30	6.5000	R.I.H. W/TANDEM ELEC. MEMORY INST.	244.20	77.46
09/05	09:26:00	11.0000	TANDEM ELECTRONIC MEMORY INST. @ 2815'	1447.13	77.55
09/05	11:14:00	119.0000	RATE #1	1446.84	76.23
09/05	11:44:00	149.0000	END RATE #1 - 1.1 BPM	1636.79	76.64
09/05	11:44:15	149.2500	RATE #2 - 2.0 BPM	1638.75	76.62
09/05	12:14:45	179.7500	END RATE #2 - 2.0 BPM	1806.96	75.04
09/05	12:15:00	180.0000	RATE #3 - 3.1 BPM	1817.38	75.04
09/05	12:44:30	209.5000	END RATE #3 - 3.1 BPM	1907.60	75.39
09/05	12:44:45	209.7500	RATE #4 - 4.0 BPM	1916.00	75.40
09/05	13:14:00	239.0000	END RATE #4 - 4.0 BPM	1997.94	76.24
09/05	13:14:30	239.5000	RATE #5 - 5.0 BPM	1996.80	76.25
09/05	13:44:15	269.2500	END RATE #5 - 5.0 BPM	2059.70	75.50
09/05	13:45:00	270.0000	PUMPING STOPPED	2080.74	75.53
09/05	13:45:15	270.2500	BEGAN FALL-OFF	1982.25	75.54
09/05	15:11:00	356.0000	TANDEM ELEC. MEMORY INST. OFF BOTTOM	1514.08	75.89

COMPANY: COLEMAN OIL & GAS, INC.

PAGE 1 OF 19

WELL NAME : JUNIPER SWD NO. 4

DATE : 09/11/07

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F249906.DAT

Date MM/DD	Time hh:mm:ss	Test Time mmmmmmmm.mmmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
09/05	09:15:00	.0000	.01	76.88		
09/05	09:17:15	2.2500	.01	76.88	.00	
09/05	09:17:30	2.5000	.01	76.95	.00	
09/05	09:17:45	2.7500	.01	77.02	.00	
09/05	09:18:00	3.0000	.01	77.09	.00	
09/05	09:18:15	3.2500	.01	77.16	.00	
09/05	09:18:30	3.5000	.01	77.23	.00	
09/05	09:18:45	3.7500	.01	77.29	.00	
09/05	09:19:00	4.0000	.01	77.37	.00	
09/05	09:19:15	4.2500	.01	77.44	.00	
09/05	09:19:30	4.5000	.01	77.51	.00	
09/05	09:19:45	4.7500	.01	77.58	.00	
09/05	09:20:00	5.0000	.01	77.66	.00	
09/05	09:21:00	6.0000	11.55	77.82	11.54	PRESSURED UP LUBRICATOR
09/05	09:21:15	6.2500	198.02	77.79	186.47	
09/05	09:21:30	6.5000	244.20	77.46	46.18	R.I.H. W/TANDEM ELEC. MEMORY INST.
09/05	09:21:45	6.7500	309.89	77.14	65.69	
09/05	09:22:00	7.0000	393.86	76.82	83.97	
09/05	09:22:15	7.2500	474.69	76.49	80.83	
09/05	09:22:30	7.5000	556.65	76.17	81.96	
09/05	09:22:45	7.7500	634.76	75.85	78.11	
09/05	09:23:00	8.0000	712.34	75.53	77.58	
09/05	09:23:15	8.2500	788.02	75.20	75.68	
09/05	09:23:30	8.5000	865.52	74.88	77.50	
09/05	09:23:45	8.7500	941.80	74.56	76.28	
09/05	09:24:00	9.0000	1018.66	74.24	76.86	
09/05	09:24:15	9.2500	1094.31	74.85	75.65	
09/05	09:24:30	9.5000	1169.07	75.24	74.76	
09/05	09:24:45	9.7500	1241.47	75.63	72.41	
09/05	09:25:00	10.0000	1301.82	76.01	60.35	
09/05	09:25:15	10.2500	1359.52	76.40	57.70	
09/05	09:25:30	10.5000	1417.37	76.78	57.85	
09/05	09:25:45	10.7500	1447.19	77.17	29.81	
09/05	09:26:00	11.0000	1447.13	77.55	-.06	TANDEM ELECTRONIC MEMORY INST. @ 2815'
09/05	09:26:15	11.2500	1446.48	77.94	-.65	
09/05	09:26:30	11.5000	1446.40	78.32	-.08	
09/05	09:26:45	11.7500	1446.56	78.71	.16	
09/05	09:27:00	12.0000	1446.28	79.10	-.28	
09/05	09:27:15	12.2500	1446.69	78.89	.41	
09/05	09:27:30	12.5000	1446.98	78.76	.28	
09/05	09:27:45	12.7500	1447.24	78.63	.27	
09/05	09:28:00	13.0000	1447.50	78.50	.26	
09/05	09:28:15	13.2500	1447.53	78.37	.03	
09/05	09:28:30	13.5000	1447.58	78.24	.05	
09/05	09:28:45	13.7500	1447.65	78.11	.07	
09/05	09:29:00	14.0000	1447.74	77.98	.09	
09/05	09:29:15	14.2500	1447.85	77.85	.10	
09/05	09:29:30	14.5000	1447.93	77.73	.09	
09/05	09:29:45	14.7500	1448.03	77.60	.10	
09/05	09:30:00	15.0000	1448.15	77.46	.12	
09/05	09:30:15	15.2500	1448.27	77.39	.11	
09/05	09:30:30	15.5000	1448.36	77.34	.10	
09/05	09:30:45	15.7500	1448.44	77.29	.08	
09/05	09:31:00	16.0000	1448.51	77.24	.07	
09/05	09:31:15	16.2500	1448.56	77.19	.05	
09/05	09:31:30	16.5000	1448.60	77.14	.04	
09/05	09:31:45	16.7500	1448.64	77.10	.03	
09/05	09:32:00	17.0000	1448.67	77.04	.03	
09/05	09:32:15	17.2500	1448.69	76.99	.02	
09/05	09:32:30	17.5000	1448.70	76.94	.02	
09/05	09:32:45	17.7500	1448.72	76.89	.01	
09/05	09:33:00	18.0000	1448.75	76.84	.03	
09/05	09:34:00	19.0000	1448.79	76.71	.04	
09/05	09:35:00	20.0000	1448.62	76.63	-.16	
09/05	09:36:00	21.0000	1448.51	76.54	-.11	

COMPANY: COLEMAN OIL & GAS, INC.

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WELL NAME : JUNIPER SWD NO. 4

DATE : 09/11/07

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F249906.DAT

Date MM/DD	Time hh:mm:ss	Test Time mmmmmmmm.mmmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
09/05	09:37:00	22.0000	1448.42	76.46	-.09	
09/05	09:38:00	23.0000	1448.32	76.41	-.10	
09/05	09:39:00	24.0000	1448.23	76.38	-.09	
09/05	09:40:00	25.0000	1448.24	76.34	.01	
09/05	09:41:00	26.0000	1448.09	76.30	-.15	
09/05	09:42:00	27.0000	1447.97	76.28	-.13	
09/05	09:43:00	28.0000	1447.96	76.27	-.01	
09/05	09:44:00	29.0000	1447.94	76.25	-.02	
09/05	09:45:00	30.0000	1447.88	76.24	-.06	
09/05	09:46:00	31.0000	1447.85	76.21	-.03	
09/05	09:47:00	32.0000	1447.80	76.21	-.05	
09/05	09:48:00	33.0000	1447.73	76.21	-.07	
09/05	09:49:00	34.0000	1447.68	76.21	-.06	
09/05	09:50:00	35.0000	1447.65	76.20	-.03	
09/05	09:51:00	36.0000	1447.61	76.20	-.04	
09/05	09:52:00	37.0000	1447.58	76.19	-.03	
09/05	09:53:00	38.0000	1447.55	76.19	-.03	
09/05	09:54:00	39.0000	1447.49	76.20	-.05	
09/05	09:55:00	40.0000	1447.47	76.19	-.02	
09/05	09:56:00	41.0000	1447.43	76.19	-.04	
09/05	09:57:00	42.0000	1447.40	76.19	-.03	
09/05	09:58:00	43.0000	1447.37	76.19	-.02	
09/05	09:59:00	44.0000	1447.35	76.19	-.03	
09/05	10:00:00	45.0000	1447.33	76.19	-.02	
09/05	10:01:00	46.0000	1447.32	76.19	-.02	
09/05	10:02:00	47.0000	1447.30	76.19	-.02	
09/05	10:03:00	48.0000	1447.28	76.19	-.02	
09/05	10:04:00	49.0000	1447.24	76.19	-.03	
09/05	10:05:00	50.0000	1447.20	76.19	-.04	
09/05	10:06:00	51.0000	1447.16	76.19	-.04	
09/05	10:07:00	52.0000	1447.11	76.19	-.05	
09/05	10:08:00	53.0000	1447.08	76.19	-.03	
09/05	10:09:00	54.0000	1447.04	76.19	-.04	
09/05	10:10:00	55.0000	1447.01	76.19	-.03	
09/05	10:11:00	56.0000	1446.98	76.19	-.02	
09/05	10:12:00	57.0000	1446.96	76.19	-.03	
09/05	10:13:00	58.0000	1446.93	76.19	-.03	
09/05	10:14:00	59.0000	1446.89	76.19	-.03	
09/05	10:15:00	60.0000	1446.87	76.19	-.03	
09/05	10:16:00	61.0000	1446.84	76.19	-.02	
09/05	10:17:00	62.0000	1446.81	76.20	-.04	
09/05	10:18:00	63.0000	1446.78	76.20	-.03	
09/05	10:19:00	64.0000	1446.75	76.20	-.03	
09/05	10:20:00	65.0000	1446.72	76.20	-.03	
09/05	10:21:00	66.0000	1446.69	76.20	-.03	
09/05	10:22:00	67.0000	1446.67	76.20	-.02	
09/05	10:23:00	68.0000	1446.64	76.20	-.02	
09/05	10:24:00	69.0000	1446.63	76.20	-.02	
09/05	10:25:00	70.0000	1446.60	76.20	-.03	
09/05	10:26:00	71.0000	1446.58	76.20	-.02	
09/05	10:27:00	72.0000	1446.55	76.20	-.03	
09/05	10:28:00	73.0000	1446.53	76.20	-.02	
09/05	10:29:00	74.0000	1446.50	76.20	-.03	
09/05	10:30:00	75.0000	1446.46	76.20	-.03	
09/05	10:31:00	76.0000	1446.44	76.20	-.03	
09/05	10:32:00	77.0000	1446.41	76.21	-.03	
09/05	10:33:00	78.0000	1446.37	76.21	-.03	
09/05	10:34:00	79.0000	1446.33	76.21	-.04	
09/05	10:35:00	80.0000	1446.30	76.21	-.03	
09/05	10:36:00	81.0000	1446.26	76.21	-.04	
09/05	10:37:00	82.0000	1446.22	76.21	-.04	
09/05	10:38:00	83.0000	1446.18	76.21	-.04	
09/05	10:39:00	84.0000	1446.16	76.21	-.02	
09/05	10:40:00	85.0000	1446.14	76.21	-.02	
09/05	10:41:00	86.0000	1446.12	76.21	-.02	

COMPANY: COLEMAN OIL & GAS, INC.

PAGE 18 OF 19

WELL NAME : JUNIPER SWD NO. 4

DATE : 09/11/07

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F249906.DAT

Date	Time	Test Time	Pressure	Temp	deltaP	Comment
MM/DD hh:mm:ss	mmmmmmmm	mmmmmm	Psig	Deg F	Psi	Ga. Press Ref. to 14.7 Psi Atm.
09/05	15:06:45	351.7500	1517.33	75.87	-.18	
09/05	15:07:00	352.0000	1517.11	75.88	-.22	
09/05	15:07:15	352.2500	1516.89	75.87	-.22	
09/05	15:07:30	352.5000	1516.68	75.88	-.22	
09/05	15:07:45	352.7500	1516.49	75.88	-.19	
09/05	15:08:00	353.0000	1516.29	75.88	-.20	
09/05	15:08:15	353.2500	1516.09	75.88	-.20	
09/05	15:08:30	353.5000	1515.87	75.88	-.22	
09/05	15:08:45	353.7500	1515.63	75.88	-.24	
09/05	15:09:00	354.0000	1515.43	75.88	-.20	
09/05	15:09:15	354.2500	1515.26	75.88	-.17	
09/05	15:09:30	354.5000	1515.08	75.88	-.17	
09/05	15:09:45	354.7500	1514.90	75.88	-.19	
09/05	15:10:00	355.0000	1514.59	75.89	-.31	
09/05	15:11:00	356.0000	1514.08	75.89	-.51	TANDEM ELEC. MEMORY INST. OFF BOTTOM
09/05	15:12:00	357.0000	1513.32	75.89	-.76	
09/05	15:13:00	358.0000	1512.56	75.89	-.77	
09/05	15:14:00	359.0000	1511.80	75.89	-.76	
09/05	15:15:00	360.0000	1511.12	75.88	-.68	
09/05	15:16:00	361.0000	1510.41	75.89	-.71	
09/05	15:17:00	362.0000	1509.64	75.89	-.77	
09/05	15:18:00	363.0000	1508.88	75.89	-.76	
09/05	15:19:00	364.0000	1508.28	75.88	-.61	
09/05	15:20:00	365.0000	1507.64	75.89	-.64	
09/05	15:21:00	366.0000	1506.94	75.89	-.69	
09/05	15:22:00	367.0000	1506.25	75.89	-.69	
09/05	15:23:00	368.0000	1505.55	75.89	-.69	
09/05	15:24:00	369.0000	1504.86	75.89	-.69	
09/05	15:25:00	370.0000	1504.24	75.89	-.62	
09/05	15:26:00	371.0000	1503.61	75.89	-.63	
09/05	15:27:00	372.0000	1502.99	75.89	-.62	
09/05	15:28:00	373.0000	1502.43	75.89	-.56	
09/05	15:29:00	374.0000	1501.88	75.89	-.55	
09/05	15:30:00	375.0000	1501.24	75.90	-.64	
09/05	15:31:00	376.0000	1500.63	75.89	-.61	
09/05	15:32:00	377.0000	1499.99	75.90	-.64	
09/05	15:33:00	378.0000	1499.44	75.90	-.55	
09/05	15:34:00	379.0000	1498.94	75.91	-.50	
09/05	15:35:00	380.0000	1498.40	75.90	-.54	
09/05	15:36:00	381.0000	1497.83	75.91	-.57	
09/05	15:37:00	382.0000	1497.28	75.91	-.56	
09/05	15:38:00	383.0000	1496.78	75.92	-.49	
09/05	15:39:00	384.0000	1496.31	75.91	-.48	
09/05	15:40:00	385.0000	1495.82	75.91	-.48	
09/05	15:41:00	386.0000	1495.32	75.92	-.50	
09/05	15:42:00	387.0000	1494.84	75.92	-.48	
09/05	15:43:00	388.0000	1494.35	75.92	-.49	
09/05	15:44:00	389.0000	1493.60	75.92	-.75	
09/05	15:45:00	390.0000	1493.39	75.92	-.21	
09/05	15:46:00	391.0000	1492.95	75.93	-.44	
09/05	15:47:00	392.0000	1492.41	75.92	-.54	
09/05	15:48:00	393.0000	1486.31	75.93	-6.10	
09/05	15:48:15	393.2500	1491.45	75.92	5.15	
09/05	15:48:30	393.5000	1491.45	75.96	.00	
09/05	15:48:45	393.7500	1491.44	75.99	-.02	
09/05	15:49:00	394.0000	1491.41	76.02	-.03	
09/05	15:49:15	394.2500	1491.38	76.05	-.03	
09/05	15:49:30	394.5000	1491.34	76.08	-.04	
09/05	15:49:45	394.7500	1491.29	76.11	-.05	
09/05	15:50:00	395.0000	1490.96	76.14	-.34	
09/05	15:50:15	395.2500	1490.83	76.16	-.12	
09/05	15:50:30	395.5000	1490.69	76.19	-.14	
09/05	15:50:45	395.7500	1454.76	76.22	-35.93	
09/05	15:51:00	396.0000	1401.44	76.26	-53.32	
09/05	15:51:15	396.2500	1346.56	76.84	-54.88	

TANDEM ELEC. MEMORY INST. OFF BOTTOM

(Pages Removed)

COMPANY: COLEMAN OIL & GAS, INC.

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WELL NAME : JUNIPER SWD NO. 4

DATE : 09/11/07

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F249906.DAT

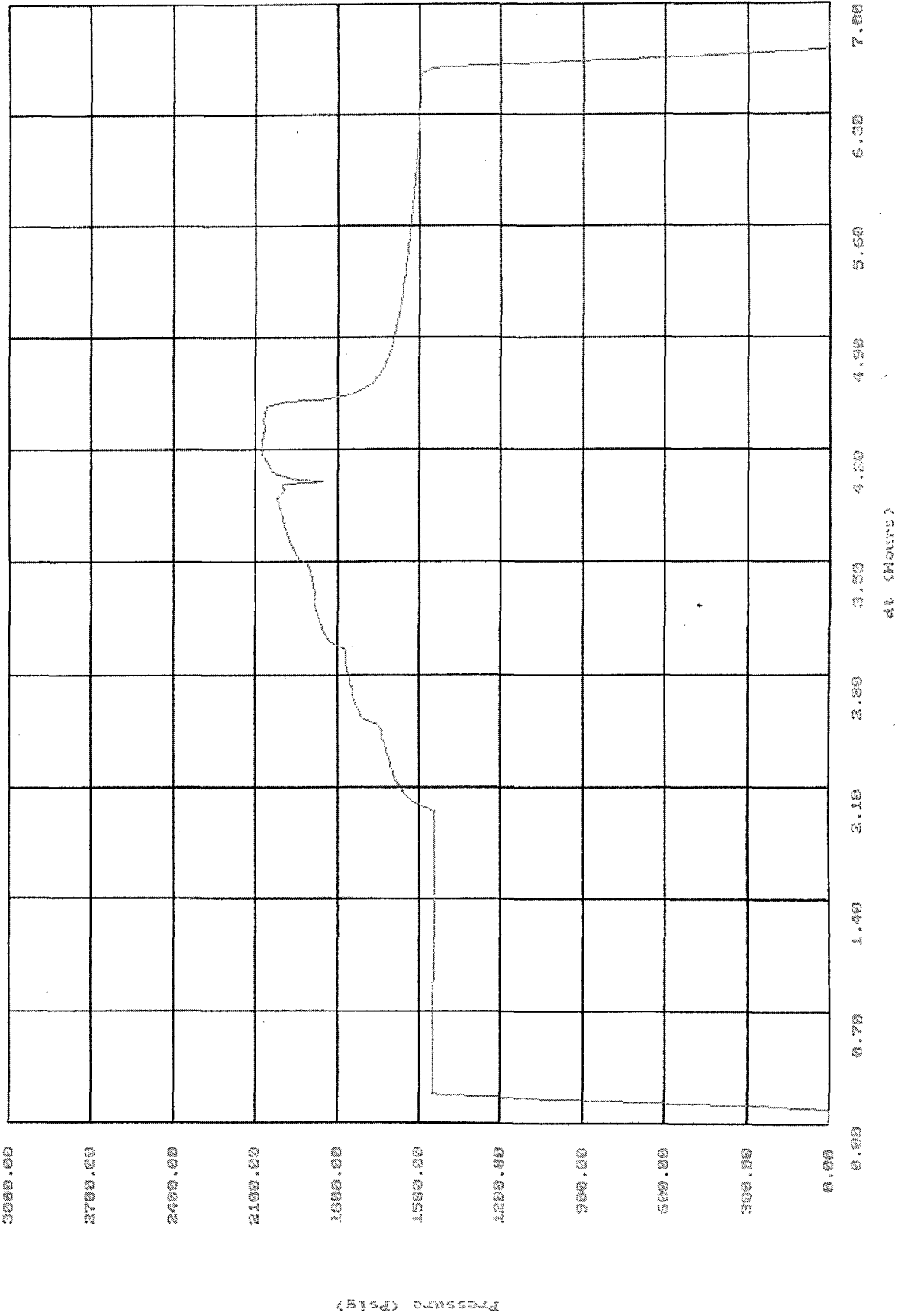
Date MM/DD	Time hh:mm:ss	Test Time mm:ss.ss	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
09/05	15:51:30	396.5000	1292.97	77.01	-53.59	
09/05	15:51:45	396.7500	1237.32	77.19	-55.65	
09/05	15:52:00	397.0000	1181.54	77.36	-55.78	
09/05	15:52:15	397.2500	1125.22	77.53	-56.32	
09/05	15:52:30	397.5000	1070.85	77.71	-54.38	
09/05	15:52:45	397.7500	1013.87	77.87	-56.98	
09/05	15:53:00	398.0000	957.44	78.05	-56.43	
09/05	15:53:15	398.2500	900.62	78.22	-56.82	
09/05	15:53:30	398.5000	842.97	78.39	-57.64	
09/05	15:53:45	398.7500	797.38	78.57	-45.59	
09/05	15:54:00	399.0000	731.87	78.74	-65.51	
09/05	15:54:15	399.2500	667.18	78.35	-64.69	
09/05	15:54:30	399.5000	608.82	78.00	-58.36	
09/05	15:54:45	399.7500	549.76	77.66	-59.06	
09/05	15:55:00	400.0000	489.73	77.31	-60.02	
09/05	15:55:15	400.2500	433.03	76.96	-56.70	
09/05	15:55:30	400.5000	387.27	76.61	-45.77	
09/05	15:55:45	400.7500	346.48	76.26	-40.79	
09/05	15:56:00	401.0000	296.00	75.91	-50.47	
09/05	15:56:15	401.2500	263.65	75.56	-32.35	
09/05	15:56:30	401.5000	255.51	75.21	-8.14	
09/05	15:56:45	401.7500	255.88	74.86	.37	
09/05	15:57:00	402.0000	241.44	74.51	-14.44	
09/05	15:57:15	402.2500	12.73	75.12	-228.71	
09/05	15:57:30	402.5000	.01	75.29	-12.72	
09/05	15:57:45	402.7500	.01	75.46	.00	
09/05	15:58:00	403.0000	.01	75.63	.00	
09/05	15:58:15	403.2500	.01	75.79	.00	
09/05	15:58:30	403.5000	.01	75.97	.00	
09/05	15:58:45	403.7500	.01	76.14	.00	
09/05	15:59:00	404.0000	.01	76.30	.00	
09/05	15:59:15	404.2500	.01	76.48	.00	
09/05	15:59:30	404.5000	.01	76.64	.00	
09/05	15:59:45	404.7500	.01	76.81	.00	
09/05	16:00:00	405.0000	.01	76.99	.00	
09/05	16:00:15	405.2500	.01	76.69	.00	
09/05	16:00:30	405.5000	.01	76.41	.00	
09/05	16:00:45	405.7500	.01	76.14	.00	
09/05	16:01:00	406.0000	.01	75.88	.00	
09/05	16:01:15	406.2500	.01	75.60	.00	
09/05	16:01:30	406.5000	.01	75.32	.00	
09/05	16:01:45	406.7500	.01	75.05	.00	
09/05	16:02:00	407.0000	.01	74.78	.00	
09/05	16:02:15	407.2500	.01	74.51	.00	
09/05	16:02:30	407.5000	.01	74.23	.00	
09/05	16:02:45	407.7500	.01	73.96	.00	
09/05	16:03:00	408.0000	.01	73.68	.00	
09/05	16:03:15	408.2500	.01	73.51	.00	
09/05	16:03:30	408.5000	.01	73.42	.00	
09/05	16:03:45	408.7500	.01	73.33	.00	
09/05	16:04:00	409.0000	.01	73.25	.00	
09/05	16:04:15	409.2500	.01	73.16	.00	
09/05	16:04:30	409.5000	.01	73.07	.00	
09/05	16:04:45	409.7500	.01	72.99	.00	
09/05	16:05:00	410.0000	.01	72.90	.00	
09/05	16:05:15	410.2500	.01	72.81	.00	
09/05	16:05:30	410.5000	.01	72.72	.00	
09/05	16:05:45	410.7500	.01	72.64	.00	
09/05	16:06:00	411.0000	.01	72.55	.00	
09/05	16:07:00	412.0000	.01	72.33	.00	
09/05	16:08:00	413.0000	.01	72.19	.00	
09/05	16:09:00	414.0000	.01	72.06	.00	
09/05	16:10:00	415.0000	.01	71.93	.00	

COLEMAN OIL & GAS, INC.

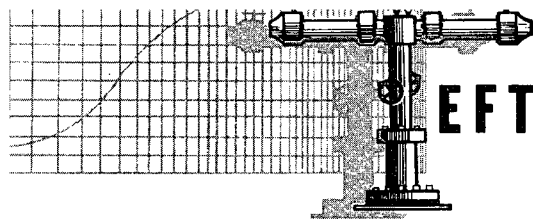
Pressure vs dt

JUNIPER SMD NO. 4
SAN JUAN COUNTY, NM
F249986.DAT

TEFTELLER, INC.
9-5-2007
STEP RATE AND FALL-OFF TESTS



[illegible]



BHP • BU • PI • DD • GWT • RFS • GOR • FL • TS

EFTELLER, INC.

reservoir engineering data

FARMINGTON, NEW MEXICO/
GRAND JUNCTION, COLORADO

P. O. Box 1198
Farmington, New Mexico 87499
(505) 325-1731
Fax (505) 325-1148

2332 Interstate Ave., Ste. A
Grand Junction, CO 81505
(970) 241-0403
Fax (970) 241-7634

COLEMAN OIL AND GAS, INC.

JUNIPER SWD NO. 4

SEPTEMBER 5, 2007

Serving the Rocky Mountain Area

Gauge Identification

Gauge Setup Parameters

```

Probe Set Up Time ..... 9/ 5/ 7   9:15: 0
Time Delay to First Reading ....
Test Type Selection ..... STEP RATE & FALL-OFF TEST
Test Duration Selection ..... 7 HRS. TANDEM ELEC. MEMORY INST. TIME

```

 *
 * EVENT SUMMARY *
 *

COMPANY : COLEMAN OIL & GAS, INC.

PAGE : B1

WELL NAME : JUNIPER SWD NO. 4

DATE : 09/11/07

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F249906.DAT

Date	Time	Test Time	Key Event	Pressure	Temp
MM/DD	hh:mm:ss	mmmmmm.mmmmm		Psig	Deg F
09/05	09:21:00	6.0000	PRESSURED UP LUBRICATOR	11.55	77.82
09/05	09:21:30	6.5000	R.I.H. W/TANDEM ELEC. MEMORY INST.	244.20	77.46
09/05	09:26:00	11.0000	TANDEM ELECTRONIC MEMORY INST. @ 2815'	1447.13	77.55
09/05	11:14:00	119.0000	RATE #1	1446.84	76.23
09/05	11:44:00	149.0000	END RATE #1 - 1.1 BPM	1636.79	76.64
09/05	11:44:15	149.2500	RATE #2 - 2.0 BPM	1638.75	76.62
09/05	12:14:45	179.7500	END RATE #2 - 2.0 BPM	1806.96	75.04
09/05	12:15:00	180.0000	RATE #3 - 3.1 BPM	1817.38	75.04
09/05	12:44:30	209.5000	END RATE #3 - 3.1 BPM	1907.60	75.39
09/05	12:44:45	209.7500	RATE #4 - 4.0 BPM	1916.00	75.40
09/05	13:14:00	239.0000	END RATE #4 - 4.0 BPM	1997.94	76.24
09/05	13:14:30	239.5000	RATE #5 - 5.0 BPM	1996.80	76.25
09/05	13:44:15	269.2500	END RATE #5 - 5.0 BPM	2059.70	75.50
09/05	13:45:00	270.0000	PUMPING STOPPED	2080.74	75.53
09/05	13:45:15	270.2500	BEGAN FALL-OFF	1982.25	75.54
09/05	15:11:00	356.0000	TANDEM ELEC. MEMORY INST. OFF BOTTOM	1514.08	75.89

COMPANY: COLEMAN OIL & GAS, INC.

PAGE 1 OF 19

WELL NAME : JUNIPER SWD NO. 4

DATE : 09/11/07

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F249906.DAT

Date	Time	Test Time	Pressure	Temp	deltaP	Comment
MM/DD	hh:mm:ss	mmmmmmmm.mmmmm	Psig	Deg F	Psi	Ga. Press Ref. to 14.7 Psi Atm.
09/05	09:15:00	.0000	.01	76.88		
09/05	09:17:15	2.2500	.01	76.88	.00	
09/05	09:17:30	2.5000	.01	76.95	.00	
09/05	09:17:45	2.7500	.01	77.02	.00	
09/05	09:18:00	3.0000	.01	77.09	.00	
09/05	09:18:15	3.2500	.01	77.16	.00	
09/05	09:18:30	3.5000	.01	77.23	.00	
09/05	09:18:45	3.7500	.01	77.29	.00	
09/05	09:19:00	4.0000	.01	77.37	.00	
09/05	09:19:15	4.2500	.01	77.44	.00	
09/05	09:19:30	4.5000	.01	77.51	.00	
09/05	09:19:45	4.7500	.01	77.58	.00	
09/05	09:20:00	5.0000	.01	77.66	.00	
09/05	09:21:00	6.0000	11.55	77.82	11.54	PRESSURED UP LUBRICATOR
09/05	09:21:15	6.2500	198.02	77.79	186.47	
09/05	09:21:30	6.5000	244.20	77.46	46.18	R.I.H. W/TANDEM ELEC. MEMORY INST.
09/05	09:21:45	6.7500	309.89	77.14	65.69	
09/05	09:22:00	7.0000	393.86	76.82	83.97	
09/05	09:22:15	7.2500	474.69	76.49	80.83	
09/05	09:22:30	7.5000	556.65	76.17	81.96	
09/05	09:22:45	7.7500	634.76	75.85	78.11	
09/05	09:23:00	8.0000	712.34	75.53	77.58	
09/05	09:23:15	8.2500	788.02	75.20	75.68	
09/05	09:23:30	8.5000	865.52	74.88	77.50	
09/05	09:23:45	8.7500	941.80	74.56	76.28	
09/05	09:24:00	9.0000	1018.66	74.24	76.86	
09/05	09:24:15	9.2500	1094.31	74.85	75.65	
09/05	09:24:30	9.5000	1169.07	75.24	74.76	
09/05	09:24:45	9.7500	1241.47	75.63	72.41	
09/05	09:25:00	10.0000	1301.82	76.01	60.35	
09/05	09:25:15	10.2500	1359.52	76.40	57.70	
09/05	09:25:30	10.5000	1417.37	76.78	57.85	
09/05	09:25:45	10.7500	1447.19	77.17	29.81	
09/05	09:26:00	11.0000	1447.13	77.55	-.06	TANDEM ELECTRONIC MEMORY INST. @ 2815'
09/05	09:26:15	11.2500	1446.48	77.94	-.65	
09/05	09:26:30	11.5000	1446.40	78.32	-.08	
09/05	09:26:45	11.7500	1446.56	78.71	.16	
09/05	09:27:00	12.0000	1446.28	79.10	-.28	
09/05	09:27:15	12.2500	1446.69	78.89	.41	
09/05	09:27:30	12.5000	1446.98	78.76	.28	
09/05	09:27:45	12.7500	1447.24	78.63	.27	
09/05	09:28:00	13.0000	1447.50	78.50	.26	
09/05	09:28:15	13.2500	1447.53	78.37	.03	
09/05	09:28:30	13.5000	1447.58	78.24	.05	
09/05	09:28:45	13.7500	1447.65	78.11	.07	
09/05	09:29:00	14.0000	1447.74	77.98	.09	
09/05	09:29:15	14.2500	1447.85	77.85	.10	
09/05	09:29:30	14.5000	1447.93	77.73	.09	
09/05	09:29:45	14.7500	1448.03	77.60	.10	
09/05	09:30:00	15.0000	1448.15	77.46	.12	
09/05	09:30:15	15.2500	1448.27	77.39	.11	
09/05	09:30:30	15.5000	1448.36	77.34	.10	
09/05	09:30:45	15.7500	1448.44	77.29	.08	
09/05	09:31:00	16.0000	1448.51	77.24	.07	
09/05	09:31:15	16.2500	1448.56	77.19	.05	
09/05	09:31:30	16.5000	1448.60	77.14	.04	
09/05	09:31:45	16.7500	1448.64	77.10	.03	
09/05	09:32:00	17.0000	1448.67	77.04	.03	
09/05	09:32:15	17.2500	1448.69	76.99	.02	
09/05	09:32:30	17.5000	1448.70	76.94	.02	
09/05	09:32:45	17.7500	1448.72	76.89	.01	
09/05	09:33:00	18.0000	1448.75	76.84	.03	
09/05	09:34:00	19.0000	1448.79	76.71	.04	
09/05	09:35:00	20.0000	1448.62	76.63	-.16	
09/05	09:36:00	21.0000	1448.51	76.54	-.11	

COMPANY: COLEMAN OIL & GAS, INC.

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WELL NAME : JUNIPER SWD NO. 4

DATE : 09/11/07

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F249906.DAT

Date	Time	Test Time	Pressure	Temp	deltaP	Comment
MM/DD	hh:mm:ss	mmmmmm.mmmmm	Psig	Deg F	Psi	Ga. Press Ref. to 14.7 Psi Atm.
09/05	09:37:00	22.0000	1448.42	76.46	-.09	
09/05	09:38:00	23.0000	1448.32	76.41	-.10	
09/05	09:39:00	24.0000	1448.23	76.38	-.09	
09/05	09:40:00	25.0000	1448.24	76.34	.01	
09/05	09:41:00	26.0000	1448.09	76.30	-.15	
09/05	09:42:00	27.0000	1447.97	76.28	-.13	
09/05	09:43:00	28.0000	1447.96	76.27	-.01	
09/05	09:44:00	29.0000	1447.94	76.25	-.02	
09/05	09:45:00	30.0000	1447.88	76.24	-.06	
09/05	09:46:00	31.0000	1447.85	76.21	-.03	
09/05	09:47:00	32.0000	1447.80	76.21	-.05	
09/05	09:48:00	33.0000	1447.73	76.21	-.07	
09/05	09:49:00	34.0000	1447.68	76.21	-.06	
09/05	09:50:00	35.0000	1447.65	76.20	-.03	
09/05	09:51:00	36.0000	1447.61	76.20	-.04	
09/05	09:52:00	37.0000	1447.58	76.19	-.03	
09/05	09:53:00	38.0000	1447.55	76.19	-.03	
09/05	09:54:00	39.0000	1447.49	76.20	-.05	
09/05	09:55:00	40.0000	1447.47	76.19	-.02	
09/05	09:56:00	41.0000	1447.43	76.19	-.04	
09/05	09:57:00	42.0000	1447.40	76.19	-.03	
09/05	09:58:00	43.0000	1447.37	76.19	-.02	
09/05	09:59:00	44.0000	1447.35	76.19	-.03	
09/05	10:00:00	45.0000	1447.33	76.19	-.02	
09/05	10:01:00	46.0000	1447.32	76.19	-.02	
09/05	10:02:00	47.0000	1447.30	76.19	-.02	
09/05	10:03:00	48.0000	1447.28	76.19	-.02	
09/05	10:04:00	49.0000	1447.24	76.19	-.03	
09/05	10:05:00	50.0000	1447.20	76.19	-.04	
09/05	10:06:00	51.0000	1447.16	76.19	-.04	
09/05	10:07:00	52.0000	1447.11	76.19	-.05	
09/05	10:08:00	53.0000	1447.08	76.19	-.03	
09/05	10:09:00	54.0000	1447.04	76.19	-.04	
09/05	10:10:00	55.0000	1447.01	76.19	-.03	
09/05	10:11:00	56.0000	1446.98	76.19	-.02	
09/05	10:12:00	57.0000	1446.96	76.19	-.03	
09/05	10:13:00	58.0000	1446.93	76.19	-.03	
09/05	10:14:00	59.0000	1446.89	76.19	-.03	
09/05	10:15:00	60.0000	1446.87	76.19	-.03	
09/05	10:16:00	61.0000	1446.84	76.19	-.02	
09/05	10:17:00	62.0000	1446.81	76.20	-.04	
09/05	10:18:00	63.0000	1446.78	76.20	-.03	
09/05	10:19:00	64.0000	1446.75	76.20	-.03	
09/05	10:20:00	65.0000	1446.72	76.20	-.03	
09/05	10:21:00	66.0000	1446.69	76.20	-.03	
09/05	10:22:00	67.0000	1446.67	76.20	-.02	
09/05	10:23:00	68.0000	1446.64	76.20	-.02	
09/05	10:24:00	69.0000	1446.63	76.20	-.02	
09/05	10:25:00	70.0000	1446.60	76.20	-.03	
09/05	10:26:00	71.0000	1446.58	76.20	-.02	
09/05	10:27:00	72.0000	1446.55	76.20	-.03	
09/05	10:28:00	73.0000	1446.53	76.20	-.02	
09/05	10:29:00	74.0000	1446.50	76.20	-.03	
09/05	10:30:00	75.0000	1446.46	76.20	-.03	
09/05	10:31:00	76.0000	1446.44	76.20	-.03	
09/05	10:32:00	77.0000	1446.41	76.21	-.03	
09/05	10:33:00	78.0000	1446.37	76.21	-.03	
09/05	10:34:00	79.0000	1446.33	76.21	-.04	
09/05	10:35:00	80.0000	1446.30	76.21	-.03	
09/05	10:36:00	81.0000	1446.26	76.21	-.04	
09/05	10:37:00	82.0000	1446.22	76.21	-.04	
09/05	10:38:00	83.0000	1446.18	76.21	-.04	
09/05	10:39:00	84.0000	1446.16	76.21	-.02	
09/05	10:40:00	85.0000	1446.14	76.21	-.02	
09/05	10:41:00	86.0000	1446.12	76.21	-.02	

WELL NAME : JUNIPER SWD NO. 4

DATE : 09/11/07

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F249906.DAT

Date	Time	Test Time	Pressure	Temp	deltaP	Comment
MM/DD	hh:mm:ss	mmmmmm.mmmmm	Psig	Deg F	Psi	Ga. Press Ref. to 14.7 Psi Atm.
09/05	15:51:30	396.5000	1292.97	77.01	-53.59	
09/05	15:51:45	396.7500	1237.32	77.19	-55.65	
09/05	15:52:00	397.0000	1181.54	77.36	-55.78	
09/05	15:52:15	397.2500	1125.22	77.53	-56.32	
09/05	15:52:30	397.5000	1070.85	77.71	-54.38	
09/05	15:52:45	397.7500	1013.87	77.87	-56.98	
09/05	15:53:00	398.0000	957.44	78.05	-56.43	
09/05	15:53:15	398.2500	900.62	78.22	-56.82	
09/05	15:53:30	398.5000	842.97	78.39	-57.64	
09/05	15:53:45	398.7500	797.38	78.57	-45.59	
09/05	15:54:00	399.0000	731.87	78.74	-65.51	
09/05	15:54:15	399.2500	667.18	78.35	-64.69	
09/05	15:54:30	399.5000	608.82	78.00	-58.36	
09/05	15:54:45	399.7500	549.76	77.66	-59.06	
09/05	15:55:00	400.0000	489.73	77.31	-60.02	
09/05	15:55:15	400.2500	433.03	76.96	-56.70	
09/05	15:55:30	400.5000	387.27	76.61	-45.77	
09/05	15:55:45	400.7500	346.48	76.26	-40.79	
09/05	15:56:00	401.0000	296.00	75.91	-50.47	
09/05	15:56:15	401.2500	263.65	75.56	-32.35	
09/05	15:56:30	401.5000	255.51	75.21	-8.14	
09/05	15:56:45	401.7500	255.88	74.86	.37	
09/05	15:57:00	402.0000	241.44	74.51	-14.44	
09/05	15:57:15	402.2500	12.73	75.12	-228.71	
09/05	15:57:30	402.5000	.01	75.29	-12.72	
09/05	15:57:45	402.7500	.01	75.46	.00	
09/05	15:58:00	403.0000	.01	75.63	.00	
09/05	15:58:15	403.2500	.01	75.79	.00	
09/05	15:58:30	403.5000	.01	75.97	.00	
09/05	15:58:45	403.7500	.01	76.14	.00	
09/05	15:59:00	404.0000	.01	76.30	.00	
09/05	15:59:15	404.2500	.01	76.48	.00	
09/05	15:59:30	404.5000	.01	76.64	.00	
09/05	15:59:45	404.7500	.01	76.81	.00	
09/05	16:00:00	405.0000	.01	76.99	.00	
09/05	16:00:15	405.2500	.01	76.69	.00	
09/05	16:00:30	405.5000	.01	76.41	.00	
09/05	16:00:45	405.7500	.01	76.14	.00	
09/05	16:01:00	406.0000	.01	75.88	.00	
09/05	16:01:15	406.2500	.01	75.60	.00	
09/05	16:01:30	406.5000	.01	75.32	.00	
09/05	16:01:45	406.7500	.01	75.05	.00	
09/05	16:02:00	407.0000	.01	74.78	.00	
09/05	16:02:15	407.2500	.01	74.51	.00	
09/05	16:02:30	407.5000	.01	74.23	.00	
09/05	16:02:45	407.7500	.01	73.96	.00	
09/05	16:03:00	408.0000	.01	73.68	.00	
09/05	16:03:15	408.2500	.01	73.51	.00	
09/05	16:03:30	408.5000	.01	73.42	.00	
09/05	16:03:45	408.7500	.01	73.33	.00	
09/05	16:04:00	409.0000	.01	73.25	.00	
09/05	16:04:15	409.2500	.01	73.16	.00	
09/05	16:04:30	409.5000	.01	73.07	.00	
09/05	16:04:45	409.7500	.01	72.99	.00	
09/05	16:05:00	410.0000	.01	72.90	.00	
09/05	16:05:15	410.2500	.01	72.81	.00	
09/05	16:05:30	410.5000	.01	72.72	.00	
09/05	16:05:45	410.7500	.01	72.64	.00	
09/05	16:06:00	411.0000	.01	72.55	.00	
09/05	16:07:00	412.0000	.01	72.33	.00	
09/05	16:08:00	413.0000	.01	72.19	.00	
09/05	16:09:00	414.0000	.01	72.06	.00	
09/05	16:10:00	415.0000	.01	71.93	.00	

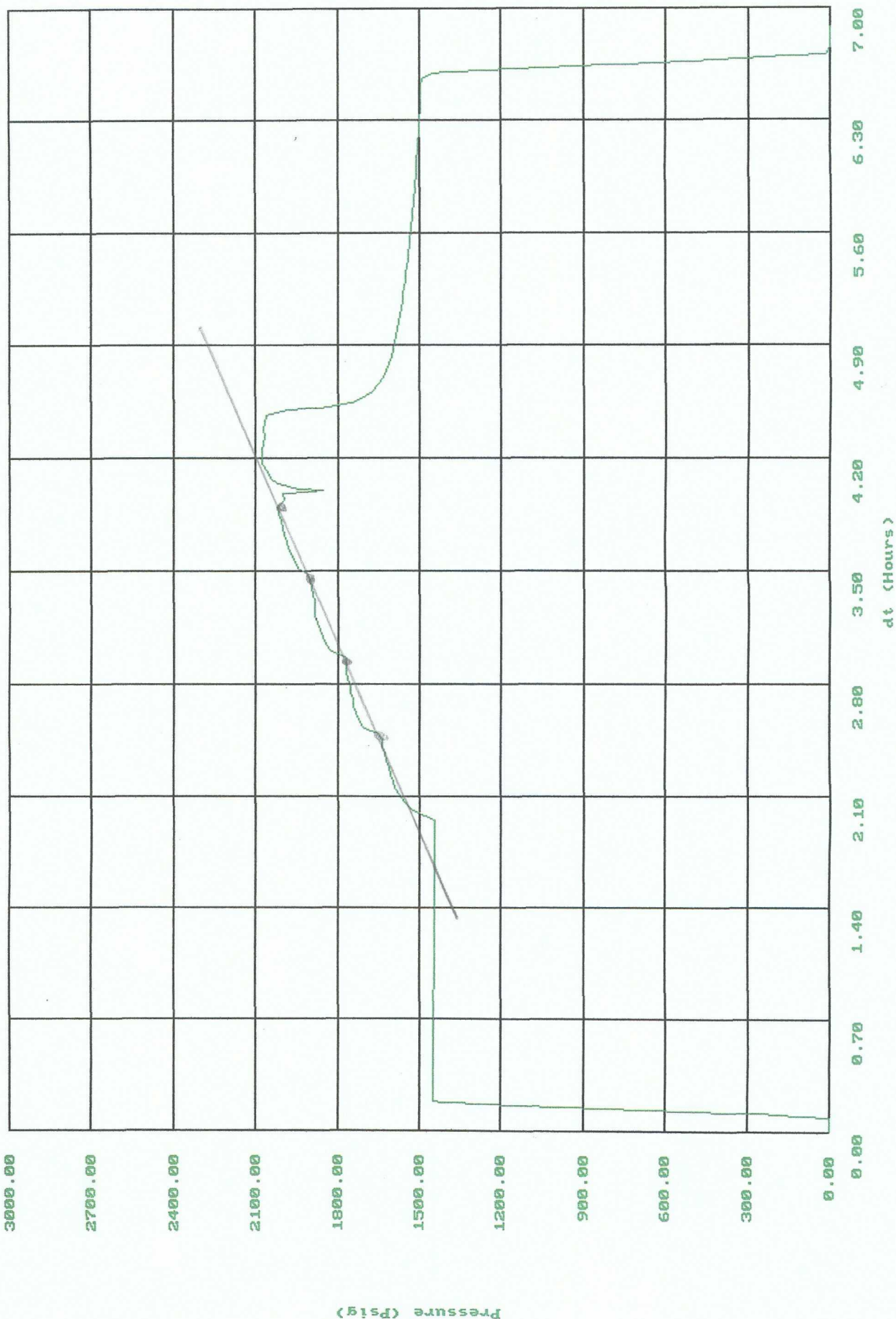
Pager Revised

COLEMAN OIL & GAS, INC.

Pressure vs dt

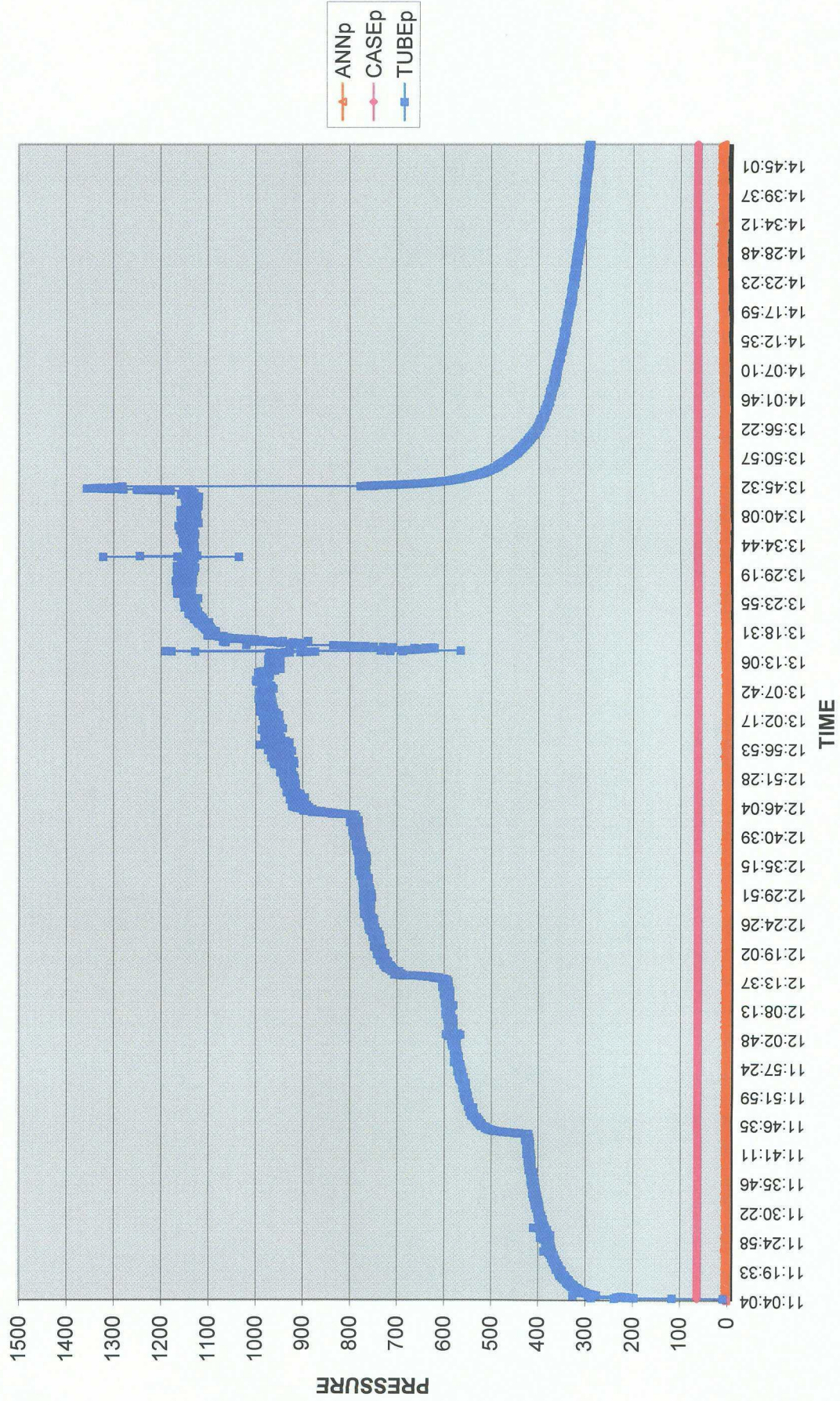
JUNIPER SMD NO. 4
SAN JUAN COUNTY, NM
F249906.DAT

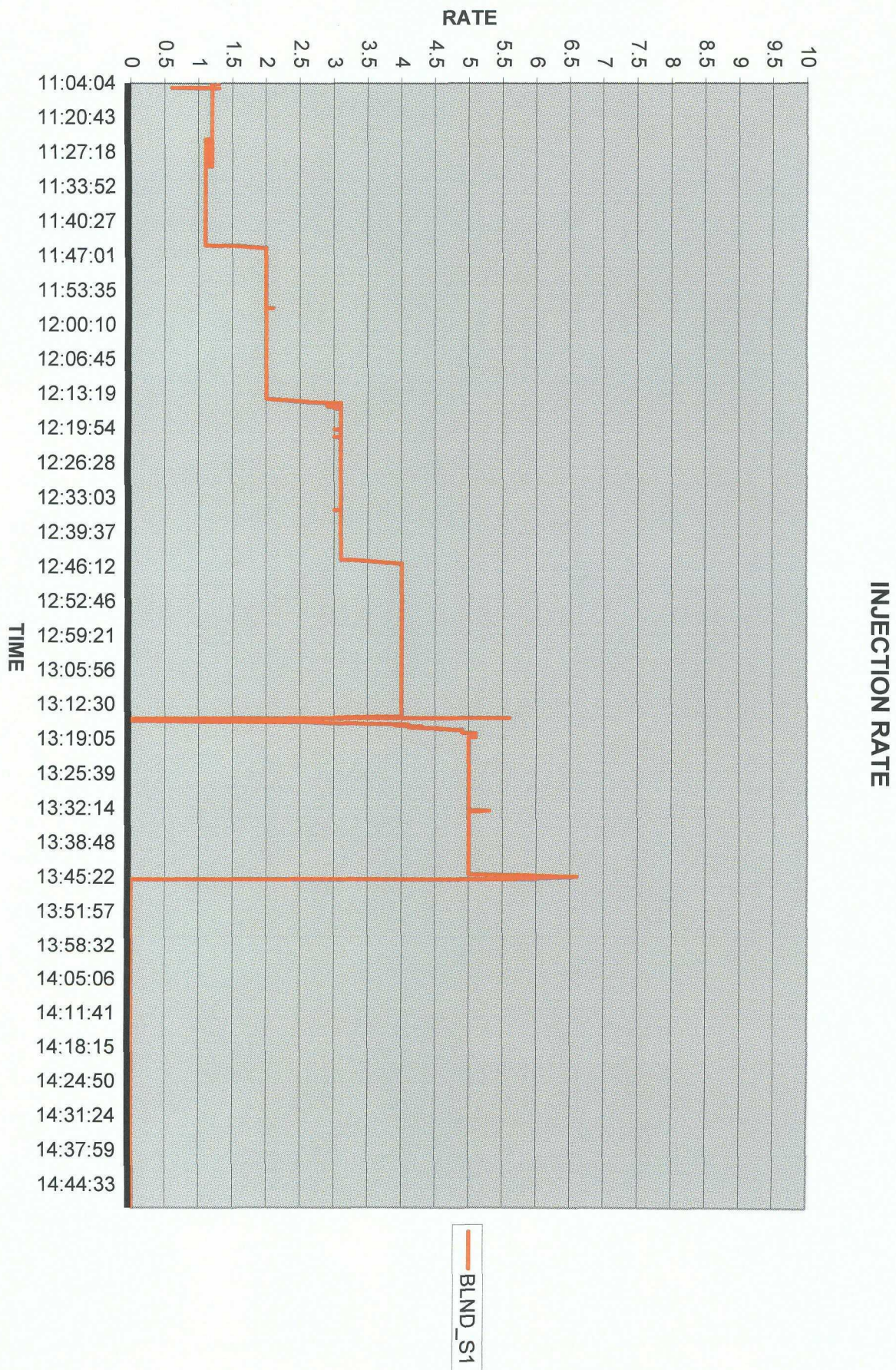
TEFTLELLER, INC.
9-5-2007
STEP RATE AND FALL-OFF TESTS



[illegible]

SURFACE PRESSURE CHART





Time	Comment	ANNp	CASEp	TUBEp	BLND_S1	SLURRYst	SLURRYjo	CLEANf
11:04:04	Start Reco	1	-5	-1	1.3	0	0	0
11:04:06	Start Reco	-1	5	-3	1.3	0	0	0
11:04:08	Establish F	0	-5	-2	1.2	0.1	0.1	0
11:04:10	Establish F	0	5	-2	1.2	0.1	0.1	0
11:04:12	Establish F	0	5	-1	1.2	0.2	0.2	0
11:04:14	Establish F	2	0	-1	1.2	0.2	0.2	0
11:04:16	Establish F	0	0	-2	1.2	0.2	0.2	0
11:04:18	Establish F	-1	5	-2	1.2	0.3	0.3	0
11:04:20	Establish F	0	5	-1	1.2	0.3	0.3	0
11:04:22	Establish F	-2	0	-3	1.2	0	0.4	0
11:04:54	Start Reco	3	0	-2	1.2	0.1	0.4	0
11:04:56	Start Reco	2	-5	-2	1.2	0.1	0.4	0
11:04:58	Stop Reco	-1	-5	-4	1.2	0	0	0
11:14:35	Start Reco	1	63	8	1.2	0	0	0
11:14:37	Start Reco	0	63	238	1.2	0.1	0.1	0
11:14:39	Establish F	0	63	116	1.2	0.1	0.1	0
11:14:41	Establish F	-1	63	287	1.2	0.1	0.1	0
11:14:43	Establish F	0	63	197	1.2	0.2	0.2	0
11:14:45	Establish F	1	63	214	1.2	0.2	0.2	0
11:14:47	Establish F	1	63	203	1.2	0.3	0.3	0
11:14:49	Establish F	0	63	222	1.2	0	0	0
11:14:51	Establish F	4	63	233	1.2	0.1	0.1	0
11:14:53	Establish F	1	63	215	1.2	0.1	0.1	0
11:14:55	Establish F	0	63	224	1.2	0.2	0.2	0
11:14:57	Establish F	0	63	221	0.9	0.2	0.2	0
11:14:59	Establish F	2	63	223	0.6	0.2	0.2	0
11:15:01	Establish F	1	63	325	1.3	0.3	0.3	0
11:15:03	Establish F	2	63	292	1.2	0.3	0.3	0
11:15:05	Establish F	1	63	283	1.2	0.3	0.3	0
11:15:07	Establish F	0	63	281	1.2	0.4	0.4	0
11:15:09	Establish F	1	63	276	1.2	0.4	0.4	0
11:15:11	Establish F	2	63	283	1.2	0.5	0.5	0
11:15:13	Establish F	3	63	282	1.2	0.5	0.5	0
11:15:15	Establish F	4	63	281	1.2	0.5	0.5	0
11:15:17	Establish F	3	63	284	1.2	0.6	0.6	0
11:15:19	Establish F	3	63	289	1.2	0.6	0.6	0
11:15:21	Establish F	4	63	290	1.2	0.7	0.7	0
11:15:23	Establish F	1	63	288	1.2	0.7	0.7	0
11:15:25	Establish F	2	63	291	1.2	0.7	0.7	0
11:15:27	Establish F	1	63	292	1.2	0.8	0.8	0
11:15:29	Establish F	3	63	293	1.2	0.8	0.8	0
11:15:31	Establish F	3	63	293	1.2	0.9	0.9	0
11:15:33	Establish F	2	63	296	1.2	0.9	0.9	0
11:15:35	Establish F	1	63	297	1.2	1	1	0
11:15:37	Establish F	0	63	299	1.2	1	1	0
11:15:39	Establish F	1	63	299	1.2	1	1	0
11:15:41	Establish F	-1	63	298	1.2	1.1	1.1	0
11:15:43	Establish F	2	63	303	1.2	1.1	1.1	0
11:15:45	Establish F	0	63	301	1.2	1.2	1.2	0
11:15:47	Establish F	2	63	301	1.2	1.2	1.2	0
11:15:49	Establish F	1	63	304	1.2	1.2	1.2	0

START
1 BPM
STAGE

11:43:37	Establish F	3	63	422	1.1	33.4	33.4	0
11:43:39	Establish F	3	63	425	1.1	33.4	33.4	0
11:43:41	Establish F	4	63	422	1.1	33.5	33.5	0
11:43:43	Establish F	4	63	424	1.1	33.5	33.5	0
11:43:45	Establish F	5	63	423	1.1	33.5	33.5	0
11:43:47	Establish F	4	63	426	1.1	33.6	33.6	0
11:43:49	Establish F	4	63	425	1.1	33.6	33.6	0
11:43:51	Establish F	1	63	424	1.1	33.7	33.7	0
11:43:53	Establish F	1	63	420	1.1	33.7	33.7	0
11:43:55	Establish F	3	63	424	1.1	33.7	33.7	0
11:43:57	Establish F	1	63	419	1.1	33.8	33.8	0
11:43:59	Establish F	1	63	418	1.1	33.8	33.8	0
11:44:01	Establish F	2	63	425	1.1	33.8	33.8	0
11:44:03	Establish F	2	63	423	1.1	33.9	33.9	0
11:44:05	Establish F	4	63	426	1.1	33.9	33.9	0
11:44:07	Establish F	4	63	424	1.1	34	34	0
11:44:09	Establish F	5	63	425	1.1	34	34	0
11:44:11	Establish F	5	63	427	1.1	34	34	0
11:44:13	Establish F	3	63	424	1.1	34.1	34.1	0
11:44:15	Establish F	1	63	419	1.1	34.1	34.1	0
11:44:17	Establish F	0	63	421	1.1	34.1	34.1	0
11:44:19	Establish F	-1	63	421	1.1	34.2	34.2	0
11:44:21	Establish F	1	63	423	1.1	34.2	34.2	0
11:44:23	Establish F	2	63	418	1.1	34.3	34.3	0
11:44:25	Establish F	1	63	421	1.1	34.3	34.3	0
11:44:27	Establish F	1	63	420	1.1	34.3	34.3	0
11:44:29	Establish F	3	63	424	1.1	34.4	34.4	0
11:44:31	Establish F	4	63	422	1.1	34.4	34.4	0
11:44:33	Establish F	4	63	423	1.1	34.5	34.5	0
11:44:35	Establish F	3	63	421	1.1	34.5	34.5	0
11:44:37	Establish F	3	63	420	1.1	34.5	34.5	0
11:44:39	Establish F	2	63	421	1.1	34.6	34.6	0
11:44:41	Establish F	2	63	420	1.1	34.6	34.6	0
11:44:43	Establish F	3	63	423	1.1	34.6	34.6	0
11:44:45	Establish F	3	63	421	1.1	34.7	34.7	0
11:44:47	Establish F	3	63	421	1.1	34.7	34.7	0
11:44:49	Establish F	4	63	423	1.1	34.7	34.7	0
11:44:51	Establish F	3	63	421	1.1	34.8	34.8	0
11:44:53	Establish F	4	63	426	1.1	34.8	34.8	0
11:44:55	Establish F	4	63	423	1.1	34.9	34.9	0
11:44:57	Establish F	3	63	424	1.1	34.9	34.9	0
11:44:59	Establish F	5	63	427	1.1	34.9	34.9	0
11:45:01	Establish F	3	63	420	1.1	35	35	0
11:45:03	Establish F	2	63	424	1.1	35	35	0
11:45:05	Establish F	1	63	443	1.3	0	35.1	0
11:45:07	Establish F	1	63	439	1.5	0.1	35.1	0
11:45:09	Establish F	3	63	439	1.6	0.1	35.2	0
11:45:11	Establish F	4	63	449	1.6	0.2	35.2	0
11:45:13	Establish F	3	63	451	1.7	0.2	35.3	0
11:45:15	Establish F	3	63	456	1.7	0.3	35.3	0
11:45:17	Establish F	4	63	463	1.7	0.3	35.4	0
11:45:19	Establish F	3	63	467	1.7	0.4	35.4	0

END
1 BPM
STAGE

11:45:21	Establish F	2	63	465	1.8	0.4	35.5	0
11:45:23	Establish F	4	63	476	1.8	0.5	35.5	0
11:45:25	Establish F	3	63	475	1.9	0.6	35.6	0
11:45:27	Establish F	3	63	481	1.9	0.6	35.7	0
11:45:29	Establish F	5	63	487	1.9	0.7	35.7	0
11:45:31	Establish F	5	63	491	2	0.8	35.8	0
11:45:33	Establish F	4	63	493	2	0.8	35.9	0
11:45:35	Establish F	3	63	493	2	0.9	35.9	0
11:45:37	Establish F	4	63	497	2	1	36	0
11:45:39	Establish F	3	63	496	2	1	36.1	0
11:45:41	Establish F	5	63	499	2	1.1	36.1	0
11:45:43	Establish F	4	63	499	2	1.2	36.2	0
11:45:45	Establish F	1	63	500	2	1.2	36.3	0
11:45:47	Establish F	2	63	501	2	1.3	36.4	0
11:45:49	Establish F	2	63	503	2	1.4	36.4	0
11:45:51	Establish F	3	63	507	2	1.4	36.5	0
11:45:53	Establish F	3	63	505	2	1.5	36.5	0
11:45:55	Establish F	3	63	507	2	1.6	36.6	0
11:45:57	Establish F	1	63	506	2	1.6	36.7	0
11:45:59	Establish F	3	63	508	2	1.7	36.7	0
11:46:01	Establish F	3	63	507	2	1.8	36.8	0
11:46:03	Establish F	3	63	513	2	1.8	36.9	0
11:46:05	Establish F	2	63	511	2	1.9	37	0
11:46:07	Establish F	0	63	510	2	2	37	0
11:46:09	Establish F	2	63	511	2	2	37.1	0
11:46:11	Establish F	2	63	510	2	2.1	37.2	0
11:46:13	Establish F	3	63	511	2	2.2	37.2	0
11:46:15	Establish F	4	63	513	2	2.2	37.3	0
11:46:17	Establish F	3	63	512	2	2.3	37.4	0
11:46:19	Establish F	1	63	510	2	2.4	37.4	0
11:46:21	Establish F	3	63	513	2	2.4	37.5	0
11:46:23	Establish F	2	63	515	2	2.5	37.6	0
11:46:25	Establish F	3	63	518	2	2.6	37.6	0
11:46:27	Establish F	4	63	521	2	2.7	37.7	0
11:46:29	Establish F	4	63	521	2	2.7	37.8	0
11:46:31	Establish F	4	63	520	2	2.8	37.8	0
11:46:33	Establish F	3	63	520	2	2.9	37.9	0
11:46:35	Establish F	2	63	519	2	2.9	38	0
11:46:37	Establish F	4	63	521	2	3	38.1	0
11:46:39	Establish F	4	63	522	2	3.1	38.1	0
11:46:41	Establish F	4	63	521	2	3.1	38.2	0
11:46:43	Establish F	5	63	524	2	3.2	38.3	0
11:46:45	Establish F	5	63	522	2	3.3	38.3	0
11:46:47	Establish F	4	63	523	2	3.3	38.4	0
11:46:49	Establish F	3	63	523	2	3.4	38.5	0
11:46:51	Establish F	3	63	521	2	3.5	38.5	0
11:46:53	Establish F	3	63	520	2	3.5	38.6	0
11:46:55	Establish F	5	63	523	2	3.6	38.7	0
11:46:57	Establish F	3	63	521	2	3.7	38.7	0
11:46:59	Establish F	3	63	522	2	3.8	38.8	0
11:47:01	Establish F	3	63	522	2	3.8	38.9	0
11:47:03	Establish F	1	63	522	2	3.9	38.9	0

START
2 BPM
STAGE

12:13:07	Establish F	2	63	595	2	56.9	91.9	0
12:13:09	Establish F	4	63	598	2	56.9	92	0
12:13:11	Establish F	3	63	597	2	57	92.1	0
12:13:13	Establish F	3	63	598	2	57.1	92.1	0
12:13:15	Establish F	4	63	593	2	57.1	92.2	0
12:13:17	Establish F	4	63	594	2	57.2	92.3	0
12:13:19	Establish F	3	63	597	2	57.3	92.3	0
12:13:21	Establish F	3	63	592	2	57.3	92.4	0
12:13:23	Establish F	5	63	595	2	57.4	92.5	0
12:13:25	Establish F	1	63	594	2	57.5	92.5	0
12:13:27	Establish F	1	63	596	2	57.5	92.6	0
12:13:29	Establish F	5	63	595	2	57.6	92.7	0
12:13:31	Establish F	4	63	594	2	57.7	92.7	0
12:13:33	Establish F	5	63	597	2	57.8	92.8	0
12:13:35	Establish F	5	63	598	2	57.8	92.9	0
12:13:37	Establish F	4	63	595	2	57.9	92.9	0
12:13:39	Establish F	3	63	596	2	57.9	93	0
12:13:41	Establish F	3	63	601	2	58	93.1	0
12:13:43	Establish F	1	63	597	2	58.1	93.1	0
12:13:45	Establish F	3	63	600	2	58.2	93.2	0
12:13:47	Establish F	3	63	596	2	58.2	93.3	0
12:13:49	Establish F	0	63	590	2	58.3	93.3	0
12:13:51	Establish F	1	63	591	2	58.4	93.4	0
12:13:53	Establish F	1	63	594	2	58.4	93.5	0
12:13:55	Establish F	2	63	594	2	58.5	93.6	0
12:13:57	Establish F	1	63	594	2	58.6	93.6	0
12:13:59	Establish F	3	63	596	2	58.6	93.7	0
12:14:01	Establish F	3	63	599	2	58.7	93.7	0
12:14:03	Establish F	4	63	596	2	58.8	93.8	0
12:14:05	Establish F	5	63	596	2	58.8	93.9	0
12:14:07	Establish F	6	63	600	2	58.9	93.9	0
12:14:09	Establish F	4	63	598	2	59	94	0
12:14:11	Establish F	5	63	595	2	59	94.1	0
12:14:13	Establish F	1	63	593	2	59.1	94.2	0
12:14:15	Establish F	3	63	595	2	59.2	94.2	0
12:14:17	Establish F	3	63	595	2	59.2	94.3	0
12:14:19	Establish F	3	63	605	2	59.3	94.4	0
12:14:21	Establish F	3	63	602	2.1	59.4	94.4	0
12:14:23	Establish F	1	63	600	2.1	59.4	94.5	0
12:14:25	Establish F	4	63	604	2.1	59.5	94.6	0
12:14:27	Establish F	3	63	601	2.2	59.6	94.6	0
12:14:29	Establish F	2	63	611	2.2	59.7	94.7	0
12:14:31	Establish F	4	63	617	2.2	59.7	94.8	0
12:14:33	Establish F	3	63	617	2.3	59.8	94.9	0
12:14:35	Establish F	3	63	616	2.3	59.9	95	0
12:14:37	Establish F	2	63	622	2.3	60	95	0
12:14:39	Establish F	2	63	613	2.3	60	95.1	0
12:14:41	Establish F	3	63	610	2.4	60.1	95.2	0
12:14:43	Establish F	3	63	617	2.4	60.2	95.3	0
12:14:45	Establish F	2	63	625	2.4	60.3	95.3	0
12:14:47	Establish F	3	63	636	2.5	60.4	95.4	0
12:14:49	Establish F	4	63	630	2.5	60.5	95.5	0

END
2 BPM
STAGE

12:14:51	Establish F	3	63	631	2.5	60.5	95.6	0
12:14:53	Establish F	4	63	638	2.6	60.6	95.7	0
12:14:55	Establish F	4	63	644	2.6	60.7	95.7	0
12:14:57	Establish F	3	63	647	2.6	60.8	95.8	0
12:14:59	Establish F	3	63	654	2.6	60.9	95.9	0
12:15:01	Establish F	2	63	668	2.7	61	96	0
12:15:03	Establish F	4	63	686	2.8	61.1	96.1	0
12:15:05	Establish F	4	63	688	2.9	61.1	96.2	0
12:15:07	Establish F	4	63	686	3	61.2	96.3	0
12:15:09	Establish F	2	63	694	3.1	61.4	96.4	0
12:15:11	Establish F	1	63	693	3.1	0	96.5	0
12:15:13	Establish F	3	63	705	3.1	0.1	96.6	0
12:15:15	Establish F	0	63	696	3.1	0.2	96.7	0
12:15:17	Establish F	2	63	696	3.1	0.3	96.8	0
12:15:19	Establish F	4	63	698	3.1	0.4	96.9	0
12:15:21	Establish F	3	63	690	3	0.5	97	0
12:15:23	Establish F	1	63	696	2.9	0.6	97.1	0
12:15:25	Establish F	3	63	697	2.9	0.7	97.2	0
12:15:27	Establish F	2	63	697	2.9	0.8	97.3	0
12:15:29	Establish F	2	63	697	2.9	0.9	97.4	0
12:15:31	Establish F	2	63	698	2.9	1	97.5	0
12:15:33	Establish F	0	63	701	2.9	1.1	97.6	0
12:15:35	Establish F	2	63	697	2.9	1.2	97.7	0
12:15:37	Establish F	1	63	699	2.9	1.3	97.8	0
12:15:39	Establish F	6	63	704	2.9	1.4	97.9	0
12:15:41	Establish F	5	63	703	2.9	1.5	98	0
12:15:43	Establish F	4	63	698	2.9	1.6	98.1	0
12:15:45	Establish F	3	63	699	2.9	1.7	98.2	0
12:15:47	Establish F	3	63	695	2.9	1.8	98.3	0
12:15:49	Establish F	2	63	705	2.9	1.9	98.4	0
12:15:51	Establish F	2	63	705	3	2	98.5	0
12:15:53	Establish F	2	63	711	3.1	2.1	98.6	0
12:15:55	Establish F	4	63	705	3.1	2.2	98.7	0
12:15:57	Establish F	5	63	710	3.1	2.3	98.8	0
12:15:59	Establish F	4	63	708	3.1	2.4	98.9	0
12:16:01	Establish F	5	63	708	3.1	2.5	99	0
12:16:03	Establish F	1	63	708	3.1	2.6	99.1	0
12:16:05	Establish F	4	63	707	3	2.7	99.2	0
12:16:07	Establish F	2	63	712	3.1	2.8	99.3	0
12:16:09	Establish F	3	63	712	3.1	2.9	99.4	0
12:16:11	Establish F	2	63	715	3.1	3	99.5	0
12:16:13	Establish F	3	63	708	3.1	3.1	99.6	0
12:16:15	Establish F	3	63	707	3.1	3.2	99.7	0
12:16:17	Establish F	3	63	707	3.1	3.3	99.8	0
12:16:19	Establish F	3	63	715	3.1	3.4	99.9	0
12:16:21	Establish F	2	63	715	3.1	3.5	100	0
12:16:23	Establish F	3	63	716	3.1	3.6	100.1	0
12:16:25	Establish F	3	63	718	3.1	3.7	100.2	0
12:16:27	Establish F	2	63	720	3.1	3.8	100.3	0
12:16:29	Establish F	4	63	723	3.1	3.9	100.4	0
12:16:31	Establish F	1	63	718	3.1	4	100.5	0
12:16:33	Establish F	2	63	715	3.1	4.1	100.6	0

START
3 BPM
STAGE

12:44:22	Establish F	3	63	790	3.1	89.3	185.8	0
12:44:24	Establish F	4	63	790	3.1	89.4	185.9	0
12:44:26	Establish F	2	63	792	3.1	89.5	186	0
12:44:28	Establish F	4	63	786	3.1	89.6	186.1	0
12:44:30	Establish F	3	63	793	3.1	89.7	186.2	0
12:44:32	Establish F	-1	63	796	3.1	89.8	186.3	0
12:44:34	Establish F	2	63	791	3.1	89.9	186.4	0
12:44:36	Establish F	4	63	799	3.1	90	186.5	0
12:44:38	Establish F	1	63	792	3.1	90.1	186.6	0
12:44:40	Establish F	3	63	790	3.1	90.2	186.7	0
12:44:42	Establish F	4	63	794	3.1	90.3	186.8	0
12:44:44	Establish F	4	63	793	3.1	90.4	186.9	0
12:44:46	Establish F	4	63	794	3.1	90.5	187	0
12:44:48	Establish F	3	63	789	3.1	90.6	187.1	0
12:44:50	Establish F	2	63	795	3.1	90.8	187.2	0
12:44:52	Establish F	3	63	803	3.1	90.9	187.4	0
12:44:54	Establish F	4	63	814	3.3	91	187.5	0
12:44:56	Establish F	4	63	819	3.3	91	187.5	0.6
12:44:58	Establish F	5	63	837	3.4	91.2	187.7	0
12:45:00	Establish F	2	63	827	3.4	91.3	187.8	0
12:45:02	Establish F	3	63	824	3.4	91.4	187.9	0
12:45:04	Establish F	3	63	825	3.5	91.5	188	0
12:45:06	Establish F	3	63	840	3.5	91.6	188.1	0
12:45:08	Establish F	5	63	847	3.5	0	188.2	0.6
12:45:10	Establish F	5	63	836	3.6	0.1	188.4	0.6
12:45:12	Establish F	3	63	857	3.6	0.3	188.5	1.2
12:45:14	Establish F	5	63	846	3.6	0.4	188.6	1
12:45:16	Establish F	2	63	866	3.7	0.5	188.7	1
12:45:18	Establish F	3	63	880	3.7	0.6	188.9	1
12:45:20	Establish F	4	63	868	3.7	0.8	189	1
12:45:22	Establish F	2	63	873	3.7	0.9	189.1	1.6
12:45:24	Establish F	3	63	866	3.8	1	189.2	1.6
12:45:26	Establish F	1	63	859	3.9	1.1	189.3	1.4
12:45:28	Establish F	4	63	870	3.9	1.3	189.5	0
12:45:30	Establish F	1	63	880	3.9	1.4	189.6	0.5
12:45:32	Establish F	3	63	891	3.9	1.5	189.8	1.3
12:45:34	Establish F	3	63	897	4	1.6	189.9	1.3
12:45:36	Establish F	2	63	897	4	1.8	190	1.6
12:45:38	Establish F	3	63	898	4	1.9	190.1	1.1
12:45:40	Establish F	2	63	885	4	2	190.3	1.8
12:45:42	Establish F	4	63	884	4	2.2	190.4	1.8
12:45:44	Establish F	1	63	880	4	2.3	190.5	2
12:45:46	Establish F	0	63	882	4	2.4	190.7	2.2
12:45:48	Establish F	1	63	879	4	2.6	190.8	1.7
12:45:50	Establish F	3	63	895	4	2.7	191	0.7
12:45:52	Establish F	1	63	898	4	2.8	191.1	0.6
12:45:54	Establish F	0	63	897	4	3	191.2	0.7
12:45:56	Establish F	2	63	902	4	3.1	191.4	2
12:45:58	Establish F	1	63	901	4	3.3	191.5	2
12:46:00	Establish F	-1	63	903	4	3.4	191.6	0
12:46:02	Establish F	2	63	895	4	3.5	191.8	1.7
12:46:04	Establish F	2	63	906	4	3.6	191.9	1.3

END
3 BPM
STAGE

START
4 BPM
STAGE

13:13:52	Establish F	3	63	966	4	113	301.2	4.1
13:13:54	Establish F	1	63	961	4	113.1	301.3	4
13:13:56	Establish F	2	63	955	4	113.2	301.5	6.1
13:13:58	Establish F	4	63	964	4	113.4	301.6	4.4
13:14:00	Establish F	4	63	958	4	113.5	301.8	4.3
13:14:02	Establish F	3	63	957	4	113.6	301.9	4.1
13:14:04	Establish F	4	63	959	4	113.7	302	1.1
13:14:06	Establish F	3	63	955	4	113.9	302.1	5.7
13:14:08	Establish F	3	63	959	4	114	302.3	3.8
13:14:10	Establish F	4	63	967	4	114.2	302.4	4.3
13:14:12	Establish F	5	63	960	4	114.3	302.5	4.5
13:14:14	Establish F	5	63	968	4	114.4	302.7	1.3
13:14:16	Establish F	5	63	962	4	114.6	302.8	3.5
13:14:18	Establish F	4	63	954	4	114.7	302.9	3.4
13:14:20	Establish F	2	63	968	4	114.8	303.1	3.4
13:14:22	Establish F	1	63	964	4	114.9	303.2	3.5
13:14:24	Establish F	2	63	952	4	115.1	303.3	4.4
13:14:26	Establish F	1	63	962	4	115.2	303.5	4.5
13:14:28	Establish F	2	63	969	4	115.4	303.6	0.9
13:14:30	Establish F	2	63	960	4	115.5	303.7	3.8
13:14:32	Establish F	4	63	957	4	115.7	303.9	3.1
13:14:34	Establish F	2	63	964	4	115.8	304	3.5
13:14:36	Establish F	3	63	949	4	115.9	304.1	3.3
13:14:38	Establish F	4	63	959	4	116	304.3	3.8
13:14:40	Establish F	4	63	970	4	116.2	304.4	3.7
13:14:42	Establish F	6	63	960	4	116.3	304.5	3.8
13:14:44	Establish F	5	63	954	4	116.4	304.7	6.4
13:14:46	Establish F	6	63	970	4	116.6	304.8	0
13:14:48	Establish F	5	63	960	4	116.7	305	3.8
13:14:50	Establish F	4	63	938	3.9	0	305.1	0
13:14:52	Establish F	3	63	936	3.7	0.1	305.2	2.6
13:14:54	Establish F	3	63	927	3.5	0.3	305.3	0
13:14:56	Establish F	3	63	904	3.4	0.4	305.4	1.8
13:14:58	Establish F	2	63	889	3.2	0.5	305.5	1.8
13:15:00	Establish F	3	63	873	3.1	0.6	305.6	1.5
13:15:02	Establish F	3	63	1127	3	0.7	305.7	6.9
13:15:04	Establish F	6	63	1177	4.4	0.8	305.8	9.9
13:15:06	Establish F	3	63	1189	5.6	1	306.1	10
13:15:08	Establish F	5	63	687	4.3	1.2	306.2	0
13:15:10	Establish F	3	63	715	2.2	1.3	306.3	0
13:15:12	Establish F	3	63	565	1.2	1.3	306.4	0
13:15:14	Establish F	2	63	734	0.7	1.3	306.4	0.7
13:15:16	Establish F	1	63	714	0	1.4	306.4	0.8
13:15:18	Establish F	4	63	691	0	1.4	306.4	0.9
13:15:20	Establish F	4	63	678	0	1.4	306.4	0.8
13:15:22	Establish F	6	63	672	0	1.4	306.4	0.8
13:15:24	Establish F	7	63	662	0	1.4	306.4	0.8
13:15:26	Establish F	5	63	663	0	1.4	306.4	0.7
13:15:28	Establish F	4	63	655	0	1.4	306.4	0.7
13:15:30	Establish F	4	63	646	0	1.4	306.4	0.7
13:15:32	Establish F	4	63	640	0	1.4	306.4	0.7
13:15:34	Establish F	5	63	637	0	1.4	306.4	0.7

END
4 BPM
STAGE

13:17:20	Establish F	2	63	1027	4.8	7.4	312.4	7.1
13:17:22	Establish F	4	63	1030	4.8	7.5	312.6	7.6
13:17:24	Establish F	2	63	1035	4.9	7.7	312.8	7.8
13:17:26	Establish F	4	63	1048	4.9	7.9	313	7.9
13:17:28	Establish F	3	63	1045	4.9	8.1	313.1	7.8
13:17:30	Establish F	4	63	1056	4.9	8.2	313.3	7.9
13:17:32	Establish F	5	63	1060	4.9	8.4	313.4	7.7
13:17:34	Establish F	5	63	1058	4.9	8.6	313.6	8
13:17:36	Establish F	5	63	1062	4.9	8.7	313.7	7.6
13:17:38	Establish F	5	63	1069	4.9	8.8	313.9	7.8
13:17:40	Establish F	6	63	1068	4.9	9	314.1	7.6
13:17:42	Establish F	4	63	1069	4.9	9.2	314.2	7.9
13:17:44	Establish F	5	63	1068	4.9	9.3	314.4	7.7
13:17:46	Establish F	4	63	1068	4.9	9.5	314.6	8
13:17:48	Establish F	4	63	1077	4.9	9.7	314.7	8
13:17:50	Establish F	4	63	1067	4.9	9.8	314.9	8.1
13:17:52	Establish F	5	63	1075	4.9	10	315	8
13:17:54	Establish F	4	63	1069	4.9	10.2	315.2	8.1
13:17:56	Establish F	4	63	1081	4.9	10.3	315.4	8
13:17:58	Establish F	3	63	1097	5	10.5	315.5	8.3
13:18:01	Establish F	4	63	1099	5.1	10.6	315.7	7.9
13:18:03	Establish F	4	63	1101	5.1	10.8	315.9	8.3
13:18:05	Establish F	4	63	1095	5.1	11	316.1	8.3
13:18:07	Establish F	1	63	1085	5.1	11.2	316.2	8.4
13:18:09	Establish F	4	63	1087	5.1	11.3	316.4	8.2
13:18:10	Establish F	3	63	1094	5.1	11.5	316.6	8.5
13:18:13	Establish F	3	63	1088	5.1	11.7	316.7	8.5
13:18:15	Establish F	4	63	1093	5.1	11.8	316.9	8.7
13:18:17	Establish F	5	63	1089	5.1	12	317.1	8.6
13:18:19	Establish F	4	63	1091	5.1	12.2	317.2	8.5
13:18:21	Establish F	5	63	1097	5.1	12.4	317.4	8.5
13:18:23	Establish F	5	63	1098	5.1	12.5	317.6	8.3
13:18:25	Establish F	5	63	1090	5.1	12.7	317.8	8.6
13:18:27	Establish F	6	63	1087	5.1	12.9	317.9	8.7
13:18:29	Establish F	6	63	1083	5.1	13.1	318.1	8.7
13:18:31	Establish F	5	63	1086	5.1	13.2	318.3	8.5
13:18:33	Establish F	2	63	1093	5.1	13.4	318.5	8.7
13:18:35	Establish F	2	63	1083	5.1	13.6	318.6	8.8
13:18:37	Establish F	2	63	1095	5.1	13.7	318.8	8.5
13:18:39	Establish F	2	63	1095	5.1	13.9	319	8.6
13:18:41	Establish F	5	63	1091	5.1	14.1	319.1	8.5
13:18:43	Establish F	2	63	1088	5.1	14.2	319.3	8.4
13:18:45	Establish F	2	63	1099	5	14.4	319.5	8.7
13:18:47	Establish F	3	63	1091	5	14.6	319.6	8.7
13:18:49	Establish F	4	63	1084	5	14.8	319.8	8.7
13:18:51	Establish F	4	63	1100	5	14.9	320	8.4
13:18:53	Establish F	4	63	1101	5	15.1	320.1	8.5
13:18:55	Establish F	4	63	1093	5	15.2	320.3	8.3
13:18:57	Establish F	3	63	1091	5	15.4	320.5	8.6
13:18:59	Establish F	2	63	1094	5	15.6	320.6	5.9
13:19:01	Establish F	4	63	1097	5	15.8	320.8	8.3
13:19:03	Establish F	3	63	1092	5	15.9	321	8.2

START
5 BPM
STALE

13:43:22	Establish F	7	63	1147	5	138	443.1	8.3
13:43:24	Establish F	6	63	1144	5	138.2	443.2	4.9
13:43:26	Establish F	5	63	1132	5	138.4	443.4	7.7
13:43:28	Establish F	5	63	1141	5	138.5	443.6	7.5
13:43:30	Establish F	5	63	1139	5	138.7	443.7	8
13:43:32	Establish F	7	63	1130	5	138.8	443.9	7.8
13:43:34	Establish F	6	63	1129	5	139	444.1	8.1
13:43:36	Establish F	8	63	1134	5	139.2	444.3	8.1
13:43:38	Establish F	7	63	1128	5	139.4	444.4	8.2
13:43:40	Establish F	8	63	1134	5	139.5	444.6	8.3
13:43:42	Establish F	8	63	1125	5	139.7	444.8	8.4
13:43:44	Establish F	9	63	1132	5	139.9	444.9	8.4
13:43:46	Establish F	7	63	1119	5	140	445.1	8.3
13:43:48	Establish F	8	63	1123	5	140.2	445.3	8.3
13:43:50	Establish F	8	63	1125	5	140.4	445.4	8.3
13:43:52	Establish F	6	63	1129	5	140.5	445.6	8.2
13:43:54	Establish F	6	63	1140	5	140.7	445.7	7.9
13:43:56	Establish F	5	63	1146	5	140.9	445.9	7.6
13:43:58	Establish F	5	63	1148	5	141	446.1	7.7
13:44:00	Establish F	7	63	1143	5	141.2	446.3	5.3
13:44:02	Establish F	6	63	1133	5	141.4	446.4	8
13:44:04	Establish F	6	63	1143	5	141.6	446.6	7.3
13:44:06	Establish F	4	63	1148	5	141.7	446.8	7.5
13:44:08	Establish F	7	63	1157	5	141.9	446.9	7.5
13:44:10	Establish F	5	63	1141	5	142.1	447.1	8.2
13:44:12	Establish F	7	63	1149	5	142.2	447.3	8.2
13:44:14	Establish F	8	63	1150	5	142.4	447.4	8.4
13:44:16	Establish F	7	63	1149	5	142.5	447.6	8.4
13:44:18	Establish F	7	63	1150	5	142.7	447.8	8.3
13:44:20	Establish F	7	63	1145	5	142.9	448	8.6
13:44:22	Establish F	8	63	1135	5	143	448.1	8.5
13:44:24	Establish F	7	63	1129	5	143.2	448.3	8.4
13:44:27	Establish F	8	63	1144	5	143.4	448.4	8.4
13:44:28	Establish F	6	63	1141	5	143.6	448.6	8.4
13:44:30	Establish F	7	63	1134	5	143.7	448.8	5.9
13:44:32	Establish F	7	63	1146	5	143.9	449	8.1
13:44:34	Establish F	8	63	1133	5	144.1	449.1	7.9
13:44:36	Establish F	7	63	1140	5	144.2	449.3	7.7
13:44:38	Establish F	8	63	1145	5	144.4	449.4	8.3
13:44:40	Establish F	7	63	1133	5	144.5	449.6	8.2
13:44:42	Establish F	8	63	1147	5	144.7	449.8	8.1
13:44:44	Establish F	6	63	1138	5	144.9	450	8.1
13:44:46	Establish F	8	63	1135	5	145.1	450.1	7.7
13:44:48	Establish F	9	63	1147	5	145.2	450.3	8.1
13:44:50	Establish F	5	63	1152	5	145.4	450.5	7.8
13:44:52	Establish F	6	63	1179	5.1	145.6	450.6	8.3
13:44:54	Establish F	6	63	1190	5.4	145.8	450.8	8.9
13:44:56	Establish F	5	63	1196	5.5	145.9	451	9.1
13:44:58	Establish F	4	63	1212	5.6	146.1	451.1	9.3
13:45:00	Establish F	6	63	1229	5.7	146.3	451.4	11.6
13:45:02	Establish F	6	63	1248	5.8	146.5	451.5	9.8
13:45:04	Establish F	4	63	1246	5.9	0.2	451.7	10.1

END
SBPM
STAGE

13:45:06	Establish F	6	63	1250	5.9	0.3	451.9	10.3
13:45:08	Establish F	5	63	1279	6	0.6	452.2	10.3
13:45:10	Establish F	7	63	1282	6.1	0.8	452.4	10.4
13:45:12	Establish F	6	63	1294	6.2	1	452.6	10.6
13:45:14	Establish F	5	63	1310	6.3	1.2	452.8	10.6
13:45:16	Establish F	4	63	1326	6.3	1.4	453	12.8
13:45:19	Establish F	6	63	1347	6.5	1.6	453.2	11.1
13:45:20	Establish F	7	63	1356	6.6	1.8	453.4	11.3
13:45:22	Establish F	5	63	1343	6.5	2.1	453.6	11.3
13:45:24	Establish F	6	63	1336	6.4	2.2	453.8	11.4
13:45:26	Establish F	5	63	1325	6.3	2.4	454	11.3
13:45:28	Establish F	8	63	1306	6.2	2.7	454.3	11.4
13:45:30	Establish F	8	63	1297	6.1	2.9	454.5	11.4
13:45:32	Establish F	8	63	1293	6	3.1	454.7	11.4
13:45:34	Establish F	7	63	1289	6	3.3	454.9	11.4
13:45:36	Establish F	7	63	1283	6	3.4	455	11.4
13:45:38	Establish F	6	63	1281	6	3.6	455.2	11.4
13:45:40	Establish F	5	63	1282	6	3.9	455.4	11.4
13:45:42	Establish F	6	63	1282	6	4.1	455.6	11.3
13:45:45	Establish F	7	63	777	4.5	4.2	455.8	0
13:45:47	Establish F	5	63	748	1.3	4.3	455.9	0
13:45:49	Establish F	7	63	766	0	4.4	455.9	0
13:45:51	Establish F	7	63	764	0	4.4	455.9	0
13:45:52	Establish F	6	63	754	0	4.4	455.9	0
13:45:54	Establish F	5	63	741	0	4.4	455.9	0
13:45:56	Establish F	5	63	737	0	4.4	455.9	0
13:45:58	Establish F	7	63	727	0	4.4	455.9	0
13:46:00	Establish F	5	63	712	0	4.4	455.9	0
13:46:02	Establish F	5	63	702	0	4.4	455.9	0
13:46:04	Establish F	6	63	695	0	4.4	455.9	0
13:46:06	Establish F	4	63	685	0	4.4	455.9	0
13:46:08	Establish F	6	63	678	0	4.4	455.9	0
13:46:10	Establish F	6	63	672	0	4.4	455.9	0
13:46:12	Establish F	6	63	664	0	4.4	455.9	0
13:46:14	Establish F	5	63	658	0	4.4	455.9	0
13:46:17	Establish F	6	63	652	0	4.4	455.9	0
13:46:19	Establish F	8	63	646	0	4.4	455.9	0
13:46:21	Establish F	6	63	640	0	4.4	455.9	0
13:46:23	Establish F	6	63	636	0	4.4	455.9	0
13:46:25	Establish F	5	63	631	0	4.4	455.9	0
13:46:27	Establish F	7	63	628	0	4.4	455.9	0
13:46:29	Establish F	5	63	623	0	4.4	455.9	0
13:46:31	Establish F	5	63	617	0	4.4	455.9	0
13:46:33	Establish F	7	63	616	0	4.4	455.9	0
13:46:35	Establish F	7	63	612	0	4.4	455.9	0
13:46:37	Establish F	7	63	609	0	4.4	455.9	0
13:46:39	Establish F	7	63	605	0	4.4	455.9	0
13:46:41	Establish F	8	63	603	0	4.4	455.9	0
13:46:43	Establish F	8	63	600	0	4.4	455.9	0
13:46:45	Establish F	8	63	596	0	4.4	455.9	0
13:46:47	Establish F	7	63	592	0	4.4	455.9	0
13:46:49	Establish F	7	63	588	0	4.4	455.9	0

START
6 BPM
STAGE

END 6 BPM
STAGE

ISIP

13:50:19	Establish F	8	63	474	0	4.4	455.9	0
13:50:21	Establish F	9	63	473	0	4.4	455.9	0
13:50:23	Establish F	5	63	472	0	4.4	455.9	0
13:50:25	Establish F	6	63	471	0	4.4	455.9	0
13:50:27	Establish F	7	63	470	0	4.4	455.9	0
13:50:29	Establish F	8	63	469	0	4.4	455.9	0
13:50:31	Establish F	6	63	466	0	4.4	455.9	0
13:50:33	Establish F	7	63	466	0	4.4	455.9	0
13:50:35	Establish F	6	63	465	0	4.4	455.9	0
13:50:37	Establish F	6	63	467	0	4.4	455.9	0
13:50:39	Establish F	8	63	467	0	4.4	455.9	0
13:50:41	Establish F	8	63	467	0	4.4	455.9	0
13:50:43	Establish F	8	63	467	0	4.4	455.9	0
13:50:45	Establish F	7	63	465	0	4.4	455.9	0
13:50:47	Establish F	5	63	463	0	4.4	455.9	0
13:50:49	Establish F	6	63	463	0	4.4	455.9	0
13:50:51	Establish F	6	63	464	0	4.4	455.9	0
13:50:53	Establish F	7	63	464	0	4.4	455.9	0
13:50:55	Establish F	6	63	460	0	4.4	455.9	0
13:50:57	Establish F	5	63	459	0	4.4	455.9	0
13:50:59	Establish F	7	63	463	0	4.4	455.9	0
13:51:01	Establish F	8	63	462	0	4.4	455.9	0
13:51:03	Establish F	7	63	460	0	4.4	455.9	0
13:51:05	Establish F	8	63	459	0	4.4	455.9	0
13:51:07	Establish F	8	63	460	0	4.4	455.9	0
13:51:09	Establish F	7	63	460	0	4.4	455.9	0
13:51:11	Establish F	8	63	460	0	4.4	455.9	0
13:51:13	Establish F	5	63	457	0	4.4	455.9	0
13:51:15	Establish F	9	63	459	0	4.4	455.9	0
13:51:17	Establish F	8	63	457	0	4.4	455.9	0
13:51:19	Establish F	9	63	458	0	4.4	455.9	0
13:51:21	Establish F	10	63	455	0	4.4	455.9	0
13:51:23	Establish F	8	63	456	0	4.4	455.9	0
13:51:25	Establish F	7	63	455	0	4.4	455.9	0
13:51:27	Establish F	7	63	453	0	4.4	455.9	0
13:51:29	Establish F	8	63	454	0	4.4	455.9	0
13:51:31	Establish F	6	63	453	0	4.4	455.9	0
13:51:33	Establish F	6	63	453	0	4.4	455.9	0
13:51:35	Establish F	5	63	451	0	4.4	455.9	0
13:51:37	Establish F	7	63	453	0	4.4	455.9	0
13:51:39	Establish F	9	63	453	0	4.4	455.9	0
13:51:41	Establish F	6	63	451	0	4.4	455.9	0
13:51:43	Establish F	9	63	452	0	4.4	455.9	0
13:51:45	Establish F	8	63	451	0	4.4	455.9	0
13:51:47	Establish F	9	63	451	0	4.4	455.9	0
13:51:49	Establish F	7	63	449	0	4.4	455.9	0
13:51:51	Establish F	5	63	447	0	4.4	455.9	0
13:51:53	Establish F	7	63	449	0	4.4	455.9	0
13:51:55	Establish F	6	63	446	0	4.4	455.9	0
13:51:57	Establish F	6	63	446	0	4.4	455.9	0
13:51:59	Establish F	7	63	446	0	4.4	455.9	0
13:52:01	Establish F	7	63	445	0	4.4	455.9	0

5 min

13:55:31	Establish F	6	63	408	0	4.4	455.9	0
13:55:33	Establish F	6	63	411	0	4.4	455.9	0
13:55:35	Establish F	6	63	411	0	4.4	455.9	0
13:55:37	Establish F	7	63	409	0	4.4	455.9	0
13:55:39	Establish F	7	63	407	0	4.4	455.9	0
13:55:41	Establish F	5	63	407	0	4.4	455.9	0
13:55:43	Establish F	4	63	406	0	4.4	455.9	0
13:55:45	Establish F	5	63	407	0	4.4	455.9	0
13:55:47	Establish F	7	63	408	0	4.4	455.9	0
13:55:49	Establish F	7	63	409	0	4.4	455.9	0
13:55:51	Establish F	7	63	407	0	4.4	455.9	0
13:55:53	Establish F	5	63	407	0	4.4	455.9	0
13:55:55	Establish F	8	63	408	0	4.4	455.9	0
13:55:57	Establish F	8	63	408	0	4.4	455.9	0
13:55:59	Establish F	7	63	407	0	4.4	455.9	0
13:56:02	Establish F	9	63	408	0	4.4	455.9	0
13:56:04	Establish F	9	63	406	0	4.4	455.9	0
13:56:06	Establish F	8	63	404	0	4.4	455.9	0
13:56:08	Establish F	8	63	404	0	4.4	455.9	0
13:56:10	Establish F	7	63	403	0	4.4	455.9	0
13:56:12	Establish F	8	63	403	0	4.4	455.9	0
13:56:14	Establish F	9	63	402	0	4.4	455.9	0
13:56:16	Establish F	9	63	404	0	4.4	455.9	0
13:56:17	Establish F	6	63	402	0	4.4	455.9	0
13:56:20	Establish F	9	63	404	0	4.4	455.9	0
13:56:22	Establish F	8	63	403	0	4.4	455.9	0
13:56:24	Establish F	7	63	402	0	4.4	455.9	0
13:56:26	Establish F	5	63	402	0	4.4	455.9	0
13:56:28	Establish F	8	63	404	0	4.4	455.9	0
13:56:30	Establish F	7	63	403	0	4.4	455.9	0
13:56:32	Establish F	8	63	402	0	4.4	455.9	0
13:56:34	Establish F	7	63	401	0	4.4	455.9	0
13:56:36	Establish F	7	63	401	0	4.4	455.9	0
13:56:38	Establish F	8	63	401	0	4.4	455.9	0
13:56:40	Establish F	7	63	402	0	4.4	455.9	0
13:56:42	Establish F	6	63	401	0	4.4	455.9	0
13:56:44	Establish F	6	63	402	0	4.4	455.9	0
13:56:46	Establish F	6	63	399	0	4.4	455.9	0
13:56:48	Establish F	6	63	398	0	4.4	455.9	0
13:56:50	Establish F	7	63	400	0	4.4	455.9	0
13:56:52	Establish F	9	63	400	0	4.4	455.9	0
13:56:54	Establish F	9	63	399	0	4.4	455.9	0
13:56:56	Establish F	8	63	401	0	4.4	455.9	0
13:56:58	Establish F	6	63	400	0	4.4	455.9	0
13:57:00	Establish F	7	63	398	0	4.4	455.9	0
13:57:02	Establish F	7	63	397	0	4.4	455.9	0
13:57:04	Establish F	6	63	397	0	4.4	455.9	0
13:57:06	Establish F	7	63	399	0	4.4	455.9	0
13:57:08	Establish F	8	63	396	0	4.4	455.9	0
13:57:10	Establish F	5	63	395	0	4.4	455.9	0
13:57:12	Establish F	6	63	396	0	4.4	455.9	0
13:57:14	Establish F	5	63	397	0	4.4	455.9	0

10 min

14:00:44	Establish F	8	63	382	0	4.4	455.9	0
14:00:46	Establish F	8	63	383	0	4.4	455.9	0
14:00:48	Establish F	7	63	380	0	4.4	455.9	0
14:00:50	Establish F	6	63	379	0	4.4	455.9	0
14:00:52	Establish F	8	63	381	0	4.4	455.9	0
14:00:54	Establish F	7	63	379	0	4.4	455.9	0
14:00:56	Establish F	7	63	380	0	4.4	455.9	0
14:00:58	Establish F	6	63	379	0	4.4	455.9	0
14:01:00	Establish F	7	63	379	0	4.4	455.9	0
14:01:02	Establish F	7	63	381	0	4.4	455.9	0
14:01:04	Establish F	8	63	379	0	4.4	455.9	0
14:01:06	Establish F	5	63	379	0	4.4	455.9	0
14:01:08	Establish F	6	63	380	0	4.4	455.9	0
14:01:10	Establish F	5	63	378	0	4.4	455.9	0
14:01:12	Establish F	6	63	378	0	4.4	455.9	0
14:01:14	Establish F	5	63	377	0	4.4	455.9	0
14:01:16	Establish F	7	63	378	0	4.4	455.9	0
14:01:18	Establish F	5	63	378	0	4.4	455.9	0
14:01:20	Establish F	4	63	376	0	4.4	455.9	0
14:01:22	Establish F	6	63	378	0	4.4	455.9	0
14:01:24	Establish F	7	63	377	0	4.4	455.9	0
14:01:26	Establish F	7	63	377	0	4.4	455.9	0
14:01:28	Establish F	5	63	377	0	4.4	455.9	0
14:01:30	Establish F	8	63	377	0	4.4	455.9	0
14:01:32	Establish F	7	63	377	0	4.4	455.9	0
14:01:34	Establish F	8	63	376	0	4.4	455.9	0
14:01:36	Establish F	7	63	376	0	4.4	455.9	0
14:01:38	Establish F	8	63	378	0	4.4	455.9	0
14:01:40	Establish F	7	63	378	0	4.4	455.9	0
14:01:42	Establish F	7	63	378	0	4.4	455.9	0
14:01:44	Establish F	8	63	380	0	4.4	455.9	0
14:01:46	Establish F	7	63	377	0	4.4	455.9	0
14:01:48	Establish F	6	63	377	0	4.4	455.9	0
14:01:50	Establish F	6	63	378	0	4.4	455.9	0
14:01:52	Establish F	8	63	378	0	4.4	455.9	0
14:01:54	Establish F	6	63	376	0	4.4	455.9	0
14:01:56	Establish F	8	63	377	0	4.4	455.9	0
14:01:58	Establish F	6	63	378	0	4.4	455.9	0
14:02:00	Establish F	8	63	378	0	4.4	455.9	0
14:02:02	Establish F	8	63	376	0	4.4	455.9	0
14:02:04	Establish F	7	63	376	0	4.4	455.9	0
14:02:06	Establish F	7	63	377	0	4.4	455.9	0
14:02:08	Establish F	6	63	376	0	4.4	455.9	0
14:02:10	Establish F	7	63	376	0	4.4	455.9	0
14:02:12	Establish F	7	63	376	0	4.4	455.9	0
14:02:14	Establish F	8	63	376	0	4.4	455.9	0
14:02:16	Establish F	6	63	374	0	4.4	455.9	0
14:02:18	Establish F	5	63	373	0	4.4	455.9	0
14:02:20	Establish F	7	63	375	0	4.4	455.9	0
14:02:22	Establish F	6	63	374	0	4.4	455.9	0
14:02:24	Establish F	8	63	373	0	4.4	455.9	0
14:02:26	Establish F	7	63	376	0	4.4	455.9	0

15 min

14:14:37 Establish F	7	63	343	0	4.4	455.9	0
14:14:39 Establish F	8	63	343	0	4.4	455.9	0
14:14:41 Establish F	8	63	341	0	4.4	455.9	0
14:14:43 Establish F	9	63	344	0	4.4	455.9	0
14:14:45 Establish F	8	63	342	0	4.4	455.9	0
14:14:47 Establish F	9	63	343	0	4.4	455.9	0
14:14:49 Establish F	8	63	343	0	4.4	455.9	0
14:14:51 Establish F	10	63	343	0	4.4	455.9	0
14:14:53 Establish F	9	63	343	0	4.4	455.9	0
14:14:55 Establish F	9	63	343	0	4.4	455.9	0
14:14:57 Establish F	8	63	343	0	4.4	455.9	0
14:14:59 Establish F	8	63	341	0	4.4	455.9	0
14:15:01 Establish F	6	63	341	0	4.4	455.9	0
14:15:03 Establish F	7	63	342	0	4.4	455.9	0
14:15:05 Establish F	9	63	341	0	4.4	455.9	0
14:15:07 Establish F	8	63	342	0	4.4	455.9	0
14:15:09 Establish F	9	63	341	0	4.4	455.9	0
14:15:11 Establish F	9	63	343	0	4.4	455.9	0
14:15:13 Establish F	8	63	342	0	4.4	455.9	0
14:15:15 Establish F	10	63	343	0	4.4	455.9	0
14:15:17 Establish F	9	63	343	0	4.4	455.9	0
14:15:19 Establish F	11	63	343	0	4.4	455.9	0
14:15:21 Establish F	9	63	342	0	4.4	455.9	0
14:15:23 Establish F	9	63	342	0	4.4	455.9	0
14:15:25 Establish F	11	63	342	0	4.4	455.9	0
14:15:27 Establish F	9	63	343	0	4.4	455.9	0
14:15:29 Establish F	8	63	341	0	4.4	455.9	0
14:15:31 Establish F	9	63	342	0	4.4	455.9	0
14:15:33 Establish F	9	63	340	0	4.4	455.9	0
14:15:35 Establish F	9	63	341	0	4.4	455.9	0
14:15:37 Establish F	9	63	341	0	4.4	455.9	0
14:15:39 Establish F	10	63	342	0	4.4	455.9	0
14:15:41 Establish F	9	63	342	0	4.4	455.9	0
14:15:43 Establish F	7	63	341	0	4.4	455.9	0
14:15:45 Establish F	7	63	340	0	4.4	455.9	0
14:15:47 Establish F	8	63	340	0	4.4	455.9	0
14:15:49 Establish F	9	63	343	0	4.4	455.9	0
14:15:51 Establish F	9	63	343	0	4.4	455.9	0
14:15:53 Establish F	9	63	341	0	4.4	455.9	0
14:15:55 Establish F	11	63	343	0	4.4	455.9	0
14:15:57 Establish F	8	63	340	0	4.4	455.9	0
14:15:59 Establish F	9	63	342	0	4.4	455.9	0
14:16:01 Establish F	7	63	341	0	4.4	455.9	0
14:16:03 Establish F	9	63	338	0	4.4	455.9	0
14:16:05 Establish F	9	63	340	0	4.4	455.9	0
14:16:07 Establish F	8	63	339	0	4.4	455.9	0
14:16:09 Establish F	9	63	340	0	4.4	455.9	0
14:16:11 Establish F	9	63	340	0	4.4	455.9	0
14:16:13 Establish F	9	63	340	0	4.4	455.9	0
14:16:15 Establish F	10	63	341	0	4.4	455.9	0
14:16:17 Establish F	8	63	340	0	4.4	455.9	0
14:16:19 Establish F	9	63	340	0	4.4	455.9	0

30 min

14:30:14	Establish F	11	63	314	0	4.4	455.9	0
14:30:16	Establish F	10	63	314	0	4.4	455.9	0
14:30:18	Establish F	9	63	313	0	4.4	455.9	0
14:30:20	Establish F	10	63	314	0	4.4	455.9	0
14:30:22	Establish F	9	63	314	0	4.4	455.9	0
14:30:24	Establish F	13	63	314	0	4.4	455.9	0
14:30:26	Establish F	11	63	314	0	4.4	455.9	0
14:30:28	Establish F	9	63	312	0	4.4	455.9	0
14:30:30	Establish F	10	63	314	0	4.4	455.9	0
14:30:32	Establish F	9	63	312	0	4.4	455.9	0
14:30:34	Establish F	11	63	315	0	4.4	455.9	0
14:30:36	Establish F	10	63	313	0	4.4	455.9	0
14:30:38	Establish F	10	63	312	0	4.4	455.9	0
14:30:40	Establish F	11	63	313	0	4.4	455.9	0
14:30:42	Establish F	11	63	313	0	4.4	455.9	0
14:30:44	Establish F	11	63	314	0	4.4	455.9	0
14:30:46	Establish F	11	63	314	0	4.4	455.9	0
14:30:48	Establish F	11	63	315	0	4.4	455.9	0
14:30:50	Establish F	12	63	315	0	4.4	455.9	0
14:30:52	Establish F	10	63	313	0	4.4	455.9	0
14:30:54	Establish F	11	63	314	0	4.4	455.9	0
14:30:56	Establish F	9	63	311	0	4.4	455.9	0
14:30:58	Establish F	10	63	313	0	4.4	455.9	0
14:31:00	Establish F	10	63	312	0	4.4	455.9	0
14:31:02	Establish F	9	63	311	0	4.4	455.9	0
14:31:04	Establish F	10	63	312	0	4.4	455.9	0
14:31:06	Establish F	10	63	313	0	4.4	455.9	0
14:31:08	Establish F	10	63	314	0	4.4	455.9	0
14:31:10	Establish F	11	63	313	0	4.4	455.9	0
14:31:12	Establish F	9	63	311	0	4.4	455.9	0
14:31:14	Establish F	10	63	312	0	4.4	455.9	0
14:31:16	Establish F	11	63	312	0	4.4	455.9	0
14:31:18	Establish F	10	63	314	0	4.4	455.9	0
14:31:20	Establish F	9	63	310	0	4.4	455.9	0
14:31:22	Establish F	9	63	310	0	4.4	455.9	0
14:31:24	Establish F	9	63	311	0	4.4	455.9	0
14:31:26	Establish F	10	63	313	0	4.4	455.9	0
14:31:28	Establish F	9	63	311	0	4.4	455.9	0
14:31:30	Establish F	8	63	311	0	4.4	455.9	0
14:31:32	Establish F	9	63	311	0	4.4	455.9	0
14:31:34	Establish F	9	63	312	0	4.4	455.9	0
14:31:36	Establish F	9	63	309	0	4.4	455.9	0
14:31:38	Establish F	8	63	310	0	4.4	455.9	0
14:31:40	Establish F	11	63	312	0	4.4	455.9	0
14:31:42	Establish F	8	63	309	0	4.4	455.9	0
14:31:44	Establish F	8	63	309	0	4.4	455.9	0
14:31:46	Establish F	10	63	311	0	4.4	455.9	0
14:31:48	Establish F	12	63	313	0	4.4	455.9	0
14:31:50	Establish F	11	63	311	0	4.4	455.9	0
14:31:52	Establish F	10	63	311	0	4.4	455.9	0
14:31:54	Establish F	9	63	309	0	4.4	455.9	0
14:31:56	Establish F	9	63	309	0	4.4	455.9	0

45 min

14:45:51	Establish F	9	63	294	0	4.4	455.9	0
14:45:53	Establish F	8	63	294	0	4.4	455.9	0
14:45:55	Establish F	9	63	294	0	4.4	455.9	0
14:45:57	Establish F	10	63	296	0	4.4	455.9	0
14:45:59	Establish F	10	63	295	0	4.4	455.9	0
14:46:01	Establish F	8	63	293	0	4.4	455.9	0
14:46:03	Establish F	11	63	294	0	4.4	455.9	0
14:46:05	Establish F	10	63	293	0	4.4	455.9	0
14:46:07	Establish F	9	63	294	0	4.4	455.9	0
14:46:09	Establish F	11	63	293	0	4.4	455.9	0
14:46:11	Establish F	11	63	294	0	4.4	455.9	0
14:46:13	Establish F	9	63	292	0	4.4	455.9	0
14:46:15	Establish F	10	63	294	0	4.4	455.9	0
14:46:17	Establish F	8	63	292	0	4.4	455.9	0
14:46:19	Establish F	10	63	294	0	4.4	455.9	0
14:46:21	Establish F	8	63	294	0	4.4	455.9	0
14:46:23	Establish F	9	63	295	0	4.4	455.9	0
14:46:25	Establish F	11	63	294	0	4.4	455.9	0
14:46:27	Establish F	11	63	293	0	4.4	455.9	0
14:46:29	Establish F	10	63	293	0	4.4	455.9	0
14:46:31	Establish F	12	63	295	0	4.4	455.9	0
14:46:33	Establish F	12	63	297	0	4.4	455.9	0
14:46:35	Establish F	12	63	297	0	4.4	455.9	0
14:46:37	Establish F	11	63	295	0	4.4	455.9	0
14:46:39	Establish F	10	63	295	0	4.4	455.9	0
14:46:41	Establish F	8	63	292	0	4.4	455.9	0
14:46:43	Establish F	10	63	294	0	4.4	455.9	0
14:46:45	Establish F	9	63	294	0	4.4	455.9	0
14:46:47	Establish F	9	63	294	0	4.4	455.9	0
14:46:49	Establish F	8	63	292	0	4.4	455.9	0
14:46:51	Establish F	10	63	294	0	4.4	455.9	0
14:46:53	Establish F	8	63	292	0	4.4	455.9	0
14:46:55	Establish F	9	63	293	0	4.4	455.9	0
14:46:57	Establish F	8	63	291	0	4.4	455.9	0
14:46:59	Establish F	11	63	294	0	4.4	455.9	0
14:47:01	Establish F	10	63	293	0	4.4	455.9	0
14:47:03	Establish F	10	63	293	0	4.4	455.9	0
14:47:05	Establish F	10	63	292	0	4.4	455.9	0
14:47:07	Establish F	10	63	294	0	4.4	455.9	0
14:47:09	Establish F	12	63	295	0	4.4	455.9	0
14:47:11	Establish F	9	63	292	0	4.4	455.9	0
14:47:13	Establish F	11	63	292	0	4.4	455.9	0
14:47:15	Establish F	9	63	293	0	4.4	455.9	0
14:47:17	Establish F	10	63	294	0	4.4	455.9	0
14:47:19	Establish F	8	63	293	0	4.4	455.9	0
14:47:22	Establish F	9	63	292	0	4.4	455.9	0
14:47:23	Establish F	9	63	293	0	4.4	455.9	0
14:47:25	Establish F	12	63	293	0	4.4	455.9	0
14:47:27	Establish F	10	63	294	0	4.4	455.9	0
14:47:29	Establish F	11	63	293	0	4.4	455.9	0
14:47:31	Establish F	9	63	294	0	4.4	455.9	0
14:47:33	Establish F	10	63	294	0	4.4	455.9	0

60 min