

DATE IN 9/26/08	SUSPENSE	ENGINEER W Jones	LOGGED IN 9/26/08	TYPE DHC	APP NO. PKU0827056383
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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] 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

[D] Other: Specify _____

[2] 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 or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

RECEIVED
 2008 SEP 26 PM 3:38

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[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.

Ocean Munds-Dry
 Print or Type Name

Ocean Munds-Dry
 Signature

Attorney
 Title

9-26-08
 Date

omundsdry@hollandhart.com
 e-mail Address



September 25, 2008

VIA HAND-DELIVERY

Mr. Mark E. Fesmire, Director
Attn: William Jones
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

RECEIVED
SEP 25 PM 3:50

Re: Administrative Application of Williams Production Company for Downhole
Commingling for its Rosa Unit Well No. 77.

Dear Mr. Jones:

Please find enclosed Form C-107A (Application for Downhole Commingling) for Williams Production Company's Rosa Unit Well No. 77 located in Section 33, Township 31 North, Range 5 West, Rio Arriba County, New Mexico. This application is submitted pursuant to Division Order R-12991.

Your attention to this matter is appreciated.

Very truly yours,

Ocean Munds-Dry
Attorney for Williams Production Company

District I
1625 N. French Drive, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
Pools
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
☒ Single Well
Establish Pre-Approved
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

WILLIAMS PRODUCTION COMPANY

P O BOX 3102, MS 25-4, TULSA, OK 74101

Operator Address
ROSA UNIT #77 L - SEC 33 - T31N - R05W RIO ARRIBA, NM
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 120782 Property Code 00017033 API No. 03-039-22538 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE <i>BLANCO</i> MESA VERDE	INTERMEDIATE ZONE <i>✓</i> LAGUNA SECA GALLUP <i>Gov</i>	LOWER ZONE <i>Bozin</i> DAKOTA
Pool Name			
Pool Code	72319	79870	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5562' - 5938'	7660' - 7715'	7989' - 8091'
Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1019	988	988
Producing, Shut-In or New Zone	Producing	Producing	Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 5/31/08 Rates: 91 Mcfd	Date: 5/31/08 Rates: 24 Mcfd	Date: 5/31/08 Rates: 59 Mcfd
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas <i>100 %</i> 45 %	Oil Gas % 16 %	Oil Gas % 39 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☐ No ☒
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? **No notice required per R-12991** Yes ☐ No ☐
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐
Will commingling decrease the value of production? Yes ☐ No ☒
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐
NMOCD Reference Case No. applicable to this well: Case No. 14146 R-12991

Attachments:
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Rachel Lipperd* TITLE Engineering Technician II DATE September 19, 2008
TYPE OR PRINT NAME Rachel Lipperd TELEPHONE NO. (918) 573-3046
E-MAIL ADDRESS rachel.lipperd@williams.com

ROSA UNIT #77 GALLUP/BLANCO MV/BASIN DK

Location: 1820' FSL, 810' FWL
NW/4 SW/4 Section 33(L), T31N, R5W
Rio Arriba Co., NM

Elevation: 6531' GR 6546' KB

API # 30-039-22538

Spud Date 11/05/80
Completed 05/05/81

Tops Depth

Ojo Alamo 2633'

Kirtland 2765'

Fruitland 3204'

Pictured Cliffs 3463'

Lewis 3567'

Cliff House 5562'

Point Lookout 5795'

Mancos 5902'

Gallup 7660'

Greenhorn 7805'

Graneros 7860'

Dakota 7982'

7 jts of 10 3/4", 40.5#, K-55 ST&C csg.
Set @ 329'

Mesaverde Tubing: Ran 177 jts 1-1/4", 2.33#, J-55 U tbg
Landed @ 5791'

Dakota Tubing: Ran 249 jts 1-1/2", 2.9#, J-55 tbg. Landed
@ 7931'.

92 jts of 7-5/8", 26.4#, K-55 LT&C csg. Set @ 3770'

5562'

5938'

Baker model "D" packer @ 6030'

7660'

7715'

7989'

202 jts of 5-1/2", 17# N-80 LT&C csg.
Set @ 8165'

8091'

Mesa Verde 5562' - 5938' (27, 0.37" holes)
80,000# of 20/40 sand in 102,000 gal fluid.

Laguna Seca Gallup 7660' - 7715' (112, 0.37" holes)
55,300# of 20/40 sand in 45,550 gal fluid.

Dakota 7989' - 8091' (132, 0.37" holes)
223,000# of 20/40 sand in 88,950 gal fluid.

TD @ 8165'
PBTD @ 8125'

HOLE SIZE	CASING	CEMENT	CMT TOP
17 1/4"	10 3/4"	450 sx	Surface
9 7/8"	7 5/8"	210 sx	2650'
6 3/4"	5 1/2"	300 sx	3100'



Exploration & Production

Production Allocation Recommendation Rosa 77 (MV/GL/DK)

WELLNAME: Rosa 77
LOCATION: NW/4 SW/4 Sec.33, T31N,R05W
API No.: 03-039-22538

FIELD: Rosa Blanco
COUNTY: Rio Arriba, NM
Date: June 30, 2008

Current Status: The Rosa 77 is currently a dual completion well producing from the Mesa Verde, Gallup and Dakota formations. A leak in the packer was indicated with a test which was performed in May. Mandatory repair of the packer offer the opportunity to commingle the Mesa Verde, Gallup and Dakota zones, increasing the ability to produce the well more efficiently. Williams recommends commingling the well after the proposed completion workover to remove scale and fill from across perforations.

Commingling Procedure:

1. Pull MesaVerde tubing
2. Pull Gallup/Dakota tubing
3. Remove Production packer
4. Clean out to PBTD
5. Acid stimulate each formation
6. Complete with single string 2-3/8" tubing, landed @ 8100', below DK perms
7. Remove one set of wellhead facilities
8. Return to production as MV/GL/DK commingle

Allocation Method: Historic production data from all zones on this well was gathered and analyzed. Monthly production data from March 2004 through March 2007 was considered because this represented a time when both zones appear to be free from loading problems and each zone was producing optimally. During this time frame the Mesa Verde accounted for approximately 45% of the total production, while the Gallup contributed 16% of the total production and Dakota contributed the remaining 39% of the production.

From March 2004 – March 2007

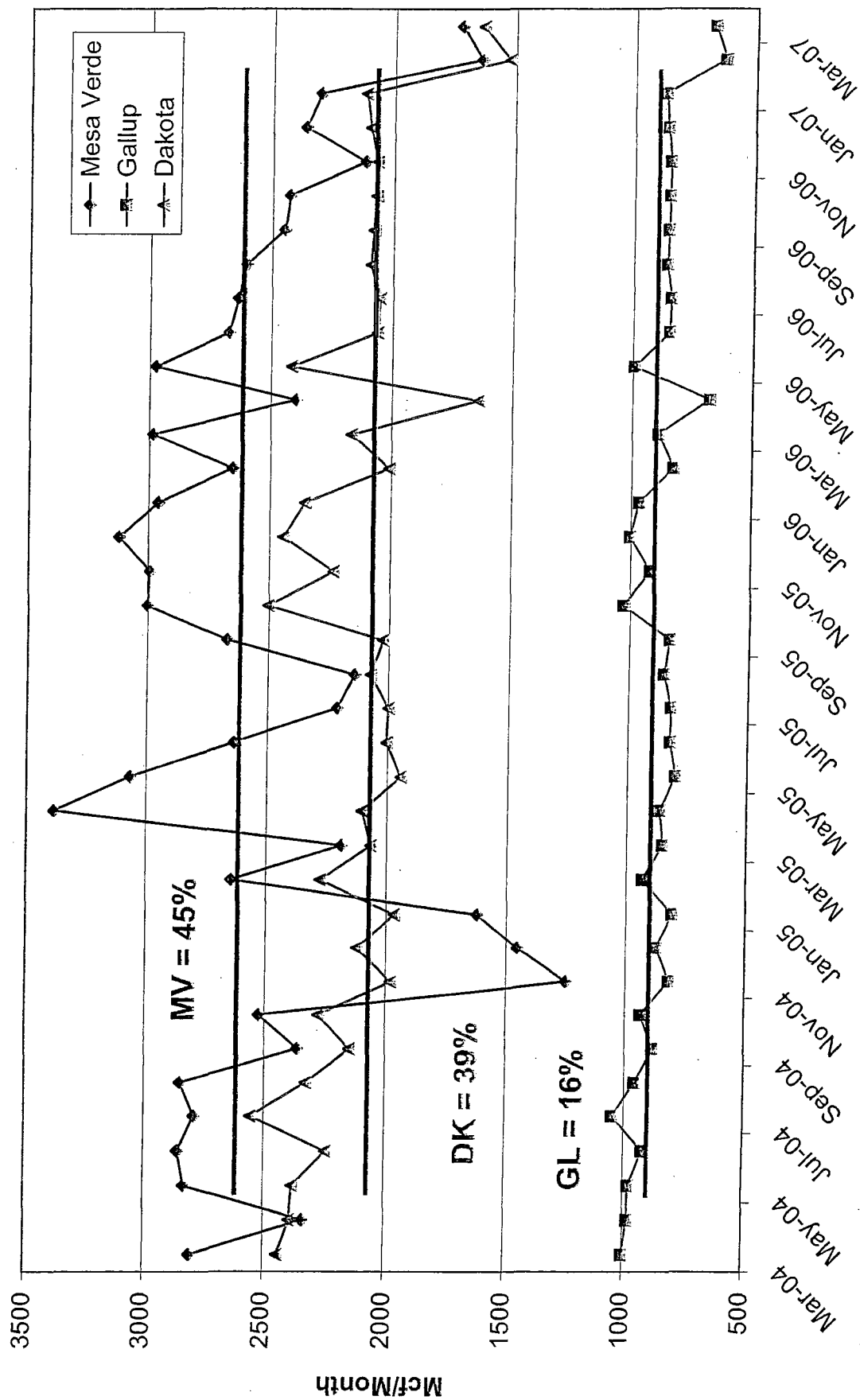
Total Production from well = 203,783 Mcf
Total Production from MV = 92,601 Mcf
Total Production from DK = 78,821 Mcf
Total Production from GL = 32,361 Mcf

MV allocation = MV prod / Total prod = 92,601 Mcf / 203,783 Mcf = 45% OK

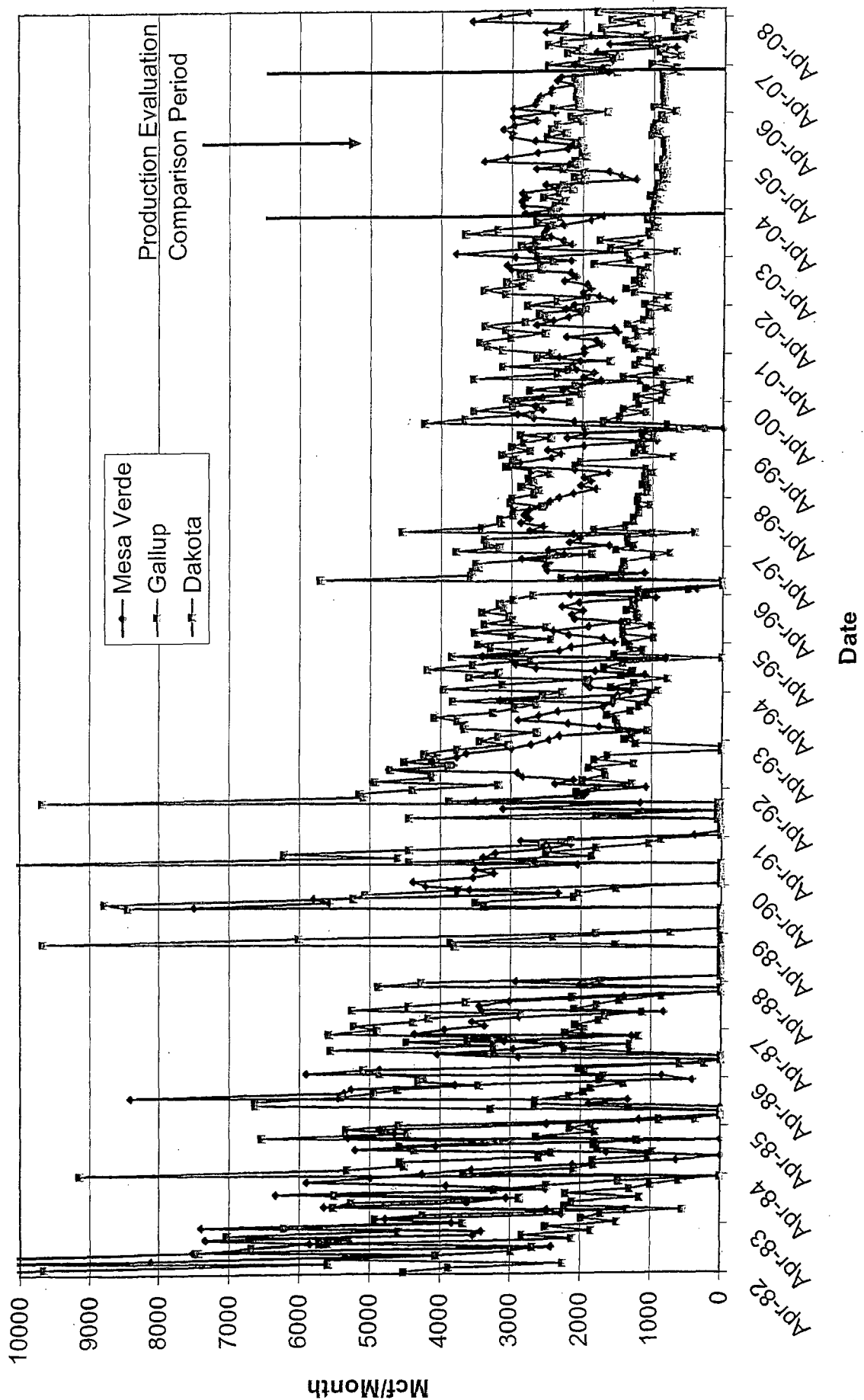
DK allocation = DK prod / Total prod = 78,821 Mcf / 203,783 Mcf = 39%

GL allocation = GL prod / Total prod = 32,361 Mcf / 203,783 Mcf = 16% OK 18.6% with Cum Prod

Rosa #77 Production Evaluation Comparison Period



Rosa #77 MV/GL/DK Total Production



Mesa Verde Production				Gallup/Dakota Production			
LEASE	PRODDATE	PRODVOL		LEASE	PRODDATE	PRODVOL	
ROSA UNIT # 77 MV	30-Apr-82	17297		ROSA UNIT # 77 DK	30-Apr-82	11253	
ROSA UNIT # 77 MV	31-May-82	12350		ROSA UNIT # 77 DK	31-May-82	9552	
ROSA UNIT # 77 MV	30-Jun-82	15879		ROSA UNIT # 77 DK	30-Jun-82	5579	
ROSA UNIT # 77 MV	31-Jul-82	8101		ROSA UNIT # 77 DK	31-Jul-82	13931	
ROSA UNIT # 77 MV	31-Aug-82	4065		ROSA UNIT # 77 DK	31-Aug-82	10132	
ROSA UNIT # 77 MV	30-Sep-82	7508		ROSA UNIT # 77 DK	30-Sep-82	7432	
ROSA UNIT # 77 MV	31-Oct-82	2408		ROSA UNIT # 77 DK	31-Oct-82	6568	
ROSA UNIT # 77 MV	30-Nov-82	5843		ROSA UNIT # 77 DK	30-Nov-82	5704	
ROSA UNIT # 77 MV	31-Dec-82	7327		ROSA UNIT # 77 DK	31-Dec-82	5258	
ROSA UNIT # 77 MV	31-Jan-83	3521		ROSA UNIT # 77 DK	31-Jan-83	7021	
ROSA UNIT # 77 MV	28-Feb-83	3404		ROSA UNIT # 77 DK	28-Feb-83	4574	
ROSA UNIT # 77 MV	31-Mar-83	7382		ROSA UNIT # 77 DK	31-Mar-83	6198	
ROSA UNIT # 77 MV	30-Apr-83	3827		ROSA UNIT # 77 DK	30-Apr-83	3665	
ROSA UNIT # 77 MV	31-May-83	4767		ROSA UNIT # 77 DK	31-May-83	4913	
ROSA UNIT # 77 MV	30-Jun-83	2252		ROSA UNIT # 77 DK	30-Jun-83	4234	
ROSA UNIT # 77 MV	31-Jul-83	2464		ROSA UNIT # 77 DK	31-Jul-83	1319	
ROSA UNIT # 77 MV	31-Aug-83	5640		ROSA UNIT # 77 DK	31-Aug-83	5511	
ROSA UNIT # 77 MV	30-Sep-83	3617		ROSA UNIT # 77 DK	30-Sep-83	5253	
ROSA UNIT # 77 MV	31-Oct-83	3051		ROSA UNIT # 77 DK	31-Oct-83	2861	
ROSA UNIT # 77 MV	30-Nov-83	6326		ROSA UNIT # 77 DK	30-Nov-83	5494	
ROSA UNIT # 77 MV	31-Dec-83	2484		ROSA UNIT # 77 DK	31-Dec-83	3221	
ROSA UNIT # 77 MV	31-Jan-84	3902		ROSA UNIT # 77 DK	31-Jan-84	2462	
ROSA UNIT # 77 MV	29-Feb-84	5879		ROSA UNIT # 77 DK	29-Feb-84	1443	
ROSA UNIT # 77 MV	31-Mar-84	4976		ROSA UNIT # 77 DK	31-Mar-84	0	
ROSA UNIT # 77 MV	30-Apr-84	4250		ROSA UNIT # 77 DK	30-Apr-84	9134	
ROSA UNIT # 77 MV	31-May-84	3543		ROSA UNIT # 77 DK	31-May-84	5308	
ROSA UNIT # 77 MV	30-Jun-84	2066		ROSA UNIT # 77 DK	30-Jun-84	4500	
ROSA UNIT # 77 MV	31-Jul-84	622		ROSA UNIT # 77 DK	31-Jul-84	4557	
ROSA UNIT # 77 MV	31-Aug-84	0		ROSA UNIT # 77 DK	31-Aug-84	2577	
ROSA UNIT # 77 MV	30-Sep-84	1622		ROSA UNIT # 77 DK	30-Sep-84	2399	
ROSA UNIT # 77 MV	31-Oct-84	5195		ROSA UNIT # 77 DK	31-Oct-84	4352	
ROSA UNIT # 77 MV	30-Nov-84	4053		ROSA UNIT # 77 DK	30-Nov-84	4562	
ROSA UNIT # 77 MV	31-Dec-84	0		ROSA UNIT # 77 DK	31-Dec-84	2956	
ROSA UNIT # 77 MV	31-Jan-85	5304		ROSA UNIT # 77 DK	31-Jan-85	6527	
ROSA UNIT # 77 MV	28-Feb-85	4628		ROSA UNIT # 77 DK	28-Feb-85	4446	
ROSA UNIT # 77 MV	31-Mar-85	4846		ROSA UNIT # 77 DK	31-Mar-85	5322	
ROSA UNIT # 77 MV	30-Apr-85	2469		ROSA UNIT # 77 DK	30-Apr-85	4569	
ROSA UNIT # 77 MV	31-May-85	1158		ROSA UNIT # 77 DK	31-May-85	865	
ROSA UNIT # 77 MV	30-Jun-85	0		ROSA UNIT # 77 DK	30-Jun-85	0	
ROSA UNIT # 77 MV	31-Jul-85	0		ROSA UNIT # 77 DK	31-Jul-85	0	
ROSA UNIT # 77 MV	31-Aug-85	0		ROSA UNIT # 77 DK	31-Aug-85	3270	
ROSA UNIT # 77 MV	30-Sep-85	1871		ROSA UNIT # 77 DK	30-Sep-85	6613	
ROSA UNIT # 77 MV	31-Oct-85	1322		ROSA UNIT # 77 DK	31-Oct-85	6621	
ROSA UNIT # 77 MV	30-Nov-85	8402		ROSA UNIT # 77 DK	30-Nov-85	5402	
ROSA UNIT # 77 MV	31-Dec-85	5359		ROSA UNIT # 77 DK	31-Dec-85	4925	
ROSA UNIT # 77 MV	31-Jan-86	5250		ROSA UNIT # 77 DK	31-Jan-86	4599	
ROSA UNIT # 77 MV	28-Feb-86	3761		ROSA UNIT # 77 DK	28-Feb-86	3441	
ROSA UNIT # 77 MV	31-Mar-86	402		ROSA UNIT # 77 DK	31-Mar-86	4290	
ROSA UNIT # 77 MV	30-Apr-86	838		ROSA UNIT # 77 DK	30-Apr-86	4201	
ROSA UNIT # 77 MV	31-May-86	5867		ROSA UNIT # 77 DK	31-May-86	4847	
ROSA UNIT # 77 MV	30-Jun-86	4850		ROSA UNIT # 77 DK	30-Jun-86	5082	
ROSA UNIT # 77 MV	31-Jul-86	567		ROSA UNIT # 77 DK	31-Jul-86	573	
ROSA UNIT # 77 MV	31-Aug-86	0		ROSA UNIT # 77 DK	31-Aug-86	0	
ROSA UNIT # 77 MV	30-Sep-86	2876		ROSA UNIT # 77 DK	30-Sep-86	0	
ROSA UNIT # 77 MV	31-Oct-86	4032		ROSA UNIT # 77 DK	31-Oct-86	3228	
ROSA UNIT # 77 MV	30-Nov-86	2951		ROSA UNIT # 77 DK	30-Nov-86	5549	
ROSA UNIT # 77 MV	31-Dec-86	2268		ROSA UNIT # 77 DK	31-Dec-86	3228	
ROSA UNIT # 77 MV	31-Jan-87	3086		ROSA UNIT # 77 DK	31-Jan-87	4470	
ROSA UNIT # 77 MV	28-Feb-87	1265		ROSA UNIT # 77 DK	28-Feb-87	2933	
ROSA UNIT # 77 MV	31-Mar-87	4352		ROSA UNIT # 77 DK	31-Mar-87	5574	
ROSA UNIT # 77 MV	30-Apr-87	3932		ROSA UNIT # 77 DK	30-Apr-87	4967	
ROSA UNIT # 77 MV	31-May-87	3366		ROSA UNIT # 77 DK	31-May-87	5215	
ROSA UNIT # 77 MV	30-Jun-87	3544		ROSA UNIT # 77 DK	30-Jun-87	4374	
ROSA UNIT # 77 MV	31-Jul-87	2870		ROSA UNIT # 77 DK	31-Jul-87	4153	
ROSA UNIT # 77 MV	31-Aug-87	812		ROSA UNIT # 77 DK	31-Aug-87	2823	
ROSA UNIT # 77 MV	30-Sep-87	3400		ROSA UNIT # 77 DK	30-Sep-87	5244	
ROSA UNIT # 77 MV	31-Oct-87	3438		ROSA UNIT # 77 DK	31-Oct-87	4439	
ROSA UNIT # 77 MV	30-Nov-87	3011		ROSA UNIT # 77 DK	30-Nov-87	3631	
ROSA UNIT # 77 MV	31-Dec-87	1379		ROSA UNIT # 77 DK	31-Dec-87	2114	
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ROSA UNIT # 77 MV	30-Jun-88	0		ROSA UNIT # 77 DK	30-Jun-88	0	
ROSA UNIT # 77 MV	31-Jul-88	0		ROSA UNIT # 77 DK	31-Jul-88	0	
ROSA UNIT # 77 MV	31-Aug-88	0		ROSA UNIT # 77 DK	31-Aug-88	0	
ROSA UNIT # 77 MV	30-Sep-88	0		ROSA UNIT # 77 DK	30-Sep-88	0	
ROSA UNIT # 77 MV	31-Oct-88	0		ROSA UNIT # 77 DK	31-Oct-88	0	
ROSA UNIT # 77 MV	30-Nov-88	0		ROSA UNIT # 77 DK	30-Nov-88	0	
ROSA UNIT # 77 MV	31-Dec-88	0		ROSA UNIT # 77 DK	31-Dec-88	0	
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ROSA UNIT # 77 MV	30-Sep-89	0		ROSA UNIT # 77 DK	30-Sep-89	0	
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ROSA UNIT # 77 MV	30-Nov-89	7484		ROSA UNIT # 77 DK	30-Nov-89	8432	
ROSA UNIT # 77 MV	31-Dec-89	5570		ROSA UNIT # 77 DK	31-Dec-89	6775	
ROSA UNIT # 77 MV	31-Jan-90	5790		ROSA UNIT # 77 DK	31-Jan-90	5226	
ROSA UNIT # 77 MV	28-Feb-90	2317		ROSA UNIT # 77 DK	28-Feb-90	5059	
ROSA UNIT # 77 MV	31-Mar-90	3580		ROSA UNIT # 77 DK	31-Mar-90	3739	
ROSA UNIT # 77 MV	30-Apr-90	4199		ROSA UNIT # 77 DK	30-Apr-90	0	
ROSA UNIT # 77 MV	31-May-90	4374		ROSA UNIT # 77 DK	31-May-90	0	
ROSA UNIT # 77 MV	30-Jun-90	3528		ROSA UNIT # 77 DK	30-Jun-90	0	
ROSA UNIT # 77 MV	31-Jul-90	3238		ROSA UNIT # 77 DK	31-Jul-90	0	
ROSA UNIT # 77 MV	31-Aug-90	3496		ROSA UNIT # 77 DK	31-Aug-90	0	
ROSA UNIT # 77 MV	30-Sep-90	2037		ROSA UNIT # 77 DK	30-Sep-90	0	
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ROSA UNIT # 77 MV	31-Jan-91	2444		ROSA UNIT # 77 DK	31-Jan-91	4437	
ROSA UNIT # 77 MV	28-Feb-91	2137		ROSA UNIT # 77 DK	28-Feb-91	2547	
ROSA UNIT # 77 MV	31-Mar-91	2846		ROSA UNIT # 77 DK	31-Mar-91	2134	
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ROSA UNIT # 77 MV	31-May-91	0		ROSA UNIT # 77 DK	31-May-91	0	
ROSA UNIT # 77 MV	30-Jun-91	0		ROSA UNIT # 77 DK	30-Jun-91	0	
ROSA UNIT # 77 MV	31-Jul-91	0		ROSA UNIT # 77 DK	31-Jul-91	0	
ROSA UNIT # 77 MV	31-Aug-91	0		ROSA UNIT # 77 DK	31-Aug-91	49	
ROSA UNIT # 77 MV	30-Sep-91	0		ROSA UNIT # 77 DK	30-Sep-91	4435	
ROSA UNIT # 77 MV	31-Oct-91	0		ROSA UNIT # 77 DK	31-Oct-91	49	
ROSA UNIT # 77 MV	30-Nov-91	3104		ROSA UNIT # 77 DK	30-Nov-91	46	
ROSA UNIT # 77 MV	31-Dec-91	1155		ROSA UNIT # 77 DK	31-Dec-91	49	
ROSA UNIT # 77 MV	31-Jan-92	3406		ROSA UNIT # 77 DK	31-Jan-92	9659	
ROSA UNIT # 77 MV	29-Feb-92	1903		ROSA UNIT # 77 DK	29-Feb-92	5081	
ROSA UNIT # 77 MV	31-Mar-92	1868		ROSA UNIT # 77 DK	31-Mar-92	5140	
ROSA UNIT # 77 MV	30-Apr-92	1074		ROSA UNIT # 77 DK	30-Apr-92	4387	
ROSA UNIT # 77 MV	31-May-92	2363		ROSA UNIT # 77 DK	31-May-92	3171	
ROSA UNIT # 77 MV	30-Jun-92	2095		ROSA UNIT # 77 DK	30-Jun-92	4923	
ROSA UNIT # 77 MV	31-Jul-92	2821		ROSA UNIT # 77 DK	31-Jul-92	4062	

Gallup/Dakota Production			
LEASE	PRODDATE	PRODVOL	
ROSA UNIT # 77 GL COMG	30-Apr-82	4506	
ROSA UNIT # 77 GL COMG	31-May-82	3869	
ROSA UNIT # 77 GL COMG	30-Jun-82	2234	
ROSA UNIT # 77 GL COMG	31-Jul-82	5576	
ROSA UNIT # 77 GL COMG	31-Aug-82	4057	
ROSA UNIT # 77 GL COMG	30-Sep-82	2978	
ROSA UNIT # 77 GL COMG	31-Oct-82	2671	
ROSA UNIT # 77 GL COMG	30-Nov-82	5592	
ROSA UNIT # 77 GL COMG	31-Dec-82	2105	
ROSA UNIT # 77 GL COMG	31-Jan-83	2811	
ROSA UNIT # 77 GL COMG	28-Feb-83	1631	
ROSA UNIT # 77 GL COMG	31-Mar-83	2482	
ROSA UNIT # 77 GL COMG	30-Apr-83	1468	
ROSA UNIT # 77 GL COMG	31-May-83	1958	
ROSA UNIT # 77 GL COMG	30-Jun-83	1656	
ROSA UNIT # 77 GL COMG	31-Jul-83	528	
ROSA UNIT # 77 GL COMG	31-Aug-83	2207	
ROSA UNIT # 77 GL COMG	30-Sep-83	2103	
ROSA UNIT # 77 GL COMG	31-Oct-83	1146	
ROSA UNIT # 77 GL COMG	30-Nov-83	2200	
ROSA UNIT # 77 GL COMG	31-Dec-83	1290	
ROSA UNIT # 77 GL COMG	31-Jan-84	985	
ROSA UNIT # 77 GL COMG	29-Feb-84	577	
ROSA UNIT # 77 GL COMG	31-Mar-84	0	
ROSA UNIT # 77 GL COMG	30-Apr-84	3657	
ROSA UNIT # 77 GL COMG	31-May-84	2076	
ROSA UNIT # 77 GL COMG	30-Jun-84	1798	
ROSA UNIT # 77 GL COMG	31-Jul-84	1815	
ROSA UNIT # 77 GL COMG	31-Aug-84	1021	
ROSA UNIT # 77 GL COMG	30-Sep-84	961	
ROSA UNIT # 77 GL COMG	31-Oct-84	1742	
ROSA UNIT # 77 GL COMG	30-Nov-84	1804	
ROSA UNIT # 77 GL COMG	31-Dec-84	1184	
ROSA UNIT # 77 GL COMG	31-Jan-85	2615	
ROSA UNIT # 77 GL COMG	28-Feb-85	1779	
ROSA UNIT # 77 GL COMG	31-Mar-85	2131	
ROSA UNIT # 77 GL COMG	30-Apr-85	1829	
ROSA UNIT # 77 GL COMG	31-May-85	347	
ROSA UNIT # 77 GL COMG	30-Jun-85	0	
ROSA UNIT # 77 GL COMG	31-Jul-85	0	
ROSA UNIT # 77 GL COMG	31-Aug-85	1310	
ROSA UNIT # 77 GL COMG	30-Sep-85	2634	
ROSA UNIT # 77 GL COMG	31-Oct-85	2632	
ROSA UNIT # 77 GL COMG	30-Nov-85	2144	
ROSA UNIT # 77 GL COMG	31-Dec-85	1953	
ROSA UNIT # 77 GL COMG	31-Jan-86	1842	
ROSA UNIT # 77 GL COMG	28-Feb-86	1377	
ROSA UNIT # 77 GL COMG	31-Mar-86	1718	
ROSA UNIT # 77 GL COMG	30-Apr-86	1664	
ROSA UNIT # 77 GL COMG	31-May-86	1922	
ROSA UNIT # 77 GL COMG	30-Jun-86	2014	
ROSA UNIT # 77 GL COMG	31-Jul-86	226	
ROSA UNIT # 77 GL COMG	31-Aug-86	0	
ROSA UNIT # 77 GL COMG	30-Sep-86	0	
ROSA UNIT # 77 GL COMG	31-Oct-86	1279	
ROSA UNIT # 77 GL COMG	30-Nov-86	2213	
ROSA UNIT # 77 GL COMG	31-Dec-86	1293	

ROSA UNIT # 77 MV	31-Aug-92	2696	ROSA UNIT # 77 DK	31-Aug-92	4112
ROSA UNIT # 77 MV	30-Sep-92	4725	ROSA UNIT # 77 DK	30-Sep-92	4702
ROSA UNIT # 77 MV	31-Oct-92	3617	ROSA UNIT # 77 DK	31-Oct-92	3676
ROSA UNIT # 77 MV	30-Nov-92	4116	ROSA UNIT # 77 DK	30-Nov-92	4505
ROSA UNIT # 77 MV	31-Dec-92	3761	ROSA UNIT # 77 DK	31-Dec-92	4028
ROSA UNIT # 77 MV	31-Jan-93	3626	ROSA UNIT # 77 DK	31-Jan-93	4222
ROSA UNIT # 77 MV	28-Feb-93	2983	ROSA UNIT # 77 DK	28-Feb-93	3753
ROSA UNIT # 77 MV	31-Mar-93	2709	ROSA UNIT # 77 DK	31-Mar-93	3030
ROSA UNIT # 77 MV	30-Apr-93	2451	ROSA UNIT # 77 DK	30-Apr-93	3434
ROSA UNIT # 77 MV	31-May-93	2302	ROSA UNIT # 77 DK	31-May-93	3172
ROSA UNIT # 77 MV	30-Jun-93	1077	ROSA UNIT # 77 DK	30-Jun-93	2627
ROSA UNIT # 77 MV	31-Jul-93	1741	ROSA UNIT # 77 DK	31-Jul-93	3651
ROSA UNIT # 77 MV	31-Aug-93	2481	ROSA UNIT # 77 DK	31-Aug-93	3666
ROSA UNIT # 77 MV	30-Sep-93	2688	ROSA UNIT # 77 DK	30-Sep-93	3753
ROSA UNIT # 77 MV	31-Oct-93	2601	ROSA UNIT # 77 DK	31-Oct-93	4082
ROSA UNIT # 77 MV	30-Nov-93	2328	ROSA UNIT # 77 DK	30-Nov-93	3254
ROSA UNIT # 77 MV	31-Dec-93	1686	ROSA UNIT # 77 DK	31-Dec-93	2937
ROSA UNIT # 77 MV	31-Jan-94	1556	ROSA UNIT # 77 DK	31-Jan-94	2632
ROSA UNIT # 77 MV	28-Feb-94	3157	ROSA UNIT # 77 DK	28-Feb-94	3821
ROSA UNIT # 77 MV	31-Mar-94	1485	ROSA UNIT # 77 DK	31-Mar-94	2542
ROSA UNIT # 77 MV	30-Apr-94	1305	ROSA UNIT # 77 DK	30-Apr-94	2268
ROSA UNIT # 77 MV	31-May-94	1873	ROSA UNIT # 77 DK	31-May-94	3652
ROSA UNIT # 77 MV	30-Jun-94	1936	ROSA UNIT # 77 DK	30-Jun-94	3119
ROSA UNIT # 77 MV	31-Jul-94	1871	ROSA UNIT # 77 DK	31-Jul-94	1920
ROSA UNIT # 77 MV	31-Aug-94	1098	ROSA UNIT # 77 DK	31-Aug-94	3588
ROSA UNIT # 77 MV	30-Sep-94	1799	ROSA UNIT # 77 DK	30-Sep-94	3176
ROSA UNIT # 77 MV	31-Oct-94	2639	ROSA UNIT # 77 DK	31-Oct-94	4161
ROSA UNIT # 77 MV	30-Nov-94	2932	ROSA UNIT # 77 DK	30-Nov-94	3538
ROSA UNIT # 77 MV	31-Dec-94	803	ROSA UNIT # 77 DK	31-Dec-94	2712
ROSA UNIT # 77 MV	31-Jan-95	3411	ROSA UNIT # 77 DK	31-Jan-95	3832
ROSA UNIT # 77 MV	28-Feb-95	2308	ROSA UNIT # 77 DK	28-Feb-95	2809
ROSA UNIT # 77 MV	31-Mar-95	2147	ROSA UNIT # 77 DK	31-Mar-95	3289
ROSA UNIT # 77 MV	30-Apr-95	1536	ROSA UNIT # 77 DK	30-Apr-95	3469
ROSA UNIT # 77 MV	31-May-95	1692	ROSA UNIT # 77 DK	31-May-95	2433
ROSA UNIT # 77 MV	30-Jun-95	2182	ROSA UNIT # 77 DK	30-Jun-95	2993
ROSA UNIT # 77 MV	31-Jul-95	2398	ROSA UNIT # 77 DK	31-Jul-95	3522
ROSA UNIT # 77 MV	31-Aug-95	1894	ROSA UNIT # 77 DK	31-Aug-95	2499
ROSA UNIT # 77 MV	30-Sep-95	1444	ROSA UNIT # 77 DK	30-Sep-95	3376
ROSA UNIT # 77 MV	31-Oct-95	2097	ROSA UNIT # 77 DK	31-Oct-95	2968
ROSA UNIT # 77 MV	30-Nov-95	2135	ROSA UNIT # 77 DK	30-Nov-95	3025
ROSA UNIT # 77 MV	31-Dec-95	1977	ROSA UNIT # 77 DK	31-Dec-95	3411
ROSA UNIT # 77 MV	31-Jan-96	2270	ROSA UNIT # 77 DK	31-Jan-96	3102
ROSA UNIT # 77 MV	28-Feb-96	2031	ROSA UNIT # 77 DK	28-Feb-96	3162
ROSA UNIT # 77 MV	31-Mar-96	947	ROSA UNIT # 77 DK	31-Mar-96	2970
ROSA UNIT # 77 MV	30-Apr-96	2157	ROSA UNIT # 77 DK	30-Apr-96	2688
ROSA UNIT # 77 MV	31-May-96	363	ROSA UNIT # 77 DK	31-May-96	1200
ROSA UNIT # 77 MV	30-Jun-96	0	ROSA UNIT # 77 DK	30-Jun-96	0
ROSA UNIT # 77 MV	31-Jul-96	0	ROSA UNIT # 77 DK	31-Jul-96	0
ROSA UNIT # 77 MV	31-Aug-96	2053	ROSA UNIT # 77 DK	31-Aug-96	5702
ROSA UNIT # 77 MV	30-Sep-96	1104	ROSA UNIT # 77 DK	30-Sep-96	3569
ROSA UNIT # 77 MV	31-Oct-96	2483	ROSA UNIT # 77 DK	31-Oct-96	3548
ROSA UNIT # 77 MV	30-Nov-96	2513	ROSA UNIT # 77 DK	30-Nov-96	3458
ROSA UNIT # 77 MV	31-Dec-96	2459	ROSA UNIT # 77 DK	31-Dec-96	3501
ROSA UNIT # 77 MV	31-Jan-97	2848	ROSA UNIT # 77 DK	31-Jan-97	2452
ROSA UNIT # 77 MV	28-Feb-97	2243	ROSA UNIT # 77 DK	28-Feb-97	1852
ROSA UNIT # 77 MV	31-Mar-97	2467	ROSA UNIT # 77 DK	31-Mar-97	3777
ROSA UNIT # 77 MV	30-Apr-97	1611	ROSA UNIT # 77 DK	30-Apr-97	3166
ROSA UNIT # 77 MV	31-May-97	2171	ROSA UNIT # 77 DK	31-May-97	3345
ROSA UNIT # 77 MV	30-Jun-97	2022	ROSA UNIT # 77 DK	30-Jun-97	3378
ROSA UNIT # 77 MV	31-Jul-97	2119	ROSA UNIT # 77 DK	31-Jul-97	999
ROSA UNIT # 77 MV	31-Aug-97	2732	ROSA UNIT # 77 DK	31-Aug-97	4542
ROSA UNIT # 77 MV	30-Sep-97	2541	ROSA UNIT # 77 DK	30-Sep-97	3415
ROSA UNIT # 77 MV	31-Oct-97	2857	ROSA UNIT # 77 DK	31-Oct-97	3197
ROSA UNIT # 77 MV	30-Nov-97	2741	ROSA UNIT # 77 DK	30-Nov-97	3150
ROSA UNIT # 77 MV	31-Dec-97	2811	ROSA UNIT # 77 DK	31-Dec-97	2875
ROSA UNIT # 77 MV	31-Jan-98	2745	ROSA UNIT # 77 DK	31-Jan-98	2893
ROSA UNIT # 77 MV	28-Feb-98	2525	ROSA UNIT # 77 DK	28-Feb-98	2560
ROSA UNIT # 77 MV	31-Mar-98	2449	ROSA UNIT # 77 DK	31-Mar-98	3014
ROSA UNIT # 77 MV	30-Apr-98	2320	ROSA UNIT # 77 DK	30-Apr-98	2987
ROSA UNIT # 77 MV	31-May-98	2119	ROSA UNIT # 77 DK	31-May-98	2677
ROSA UNIT # 77 MV	30-Jun-98	1765	ROSA UNIT # 77 DK	30-Jun-98	2608
ROSA UNIT # 77 MV	31-Jul-98	2015	ROSA UNIT # 77 DK	31-Jul-98	2862
ROSA UNIT # 77 MV	31-Aug-98	1872	ROSA UNIT # 77 DK	31-Aug-98	2682
ROSA UNIT # 77 MV	30-Sep-98	1965	ROSA UNIT # 77 DK	30-Sep-98	2755
ROSA UNIT # 77 MV	31-Oct-98	1625	ROSA UNIT # 77 DK	31-Oct-98	2443
ROSA UNIT # 77 MV	30-Nov-98	2095	ROSA UNIT # 77 DK	30-Nov-98	2705
ROSA UNIT # 77 MV	31-Dec-98	3020	ROSA UNIT # 77 DK	31-Dec-98	3079
ROSA UNIT # 77 MV	31-Jan-99	2870	ROSA UNIT # 77 DK	31-Jan-99	2983
ROSA UNIT # 77 MV	28-Feb-99	2427	ROSA UNIT # 77 DK	28-Feb-99	2844
ROSA UNIT # 77 MV	31-Mar-99	2297	ROSA UNIT # 77 DK	31-Mar-99	3135
ROSA UNIT # 77 MV	30-Apr-99	2485	ROSA UNIT # 77 DK	30-Apr-99	2732
ROSA UNIT # 77 MV	31-May-99	1669	ROSA UNIT # 77 DK	31-May-99	2993
ROSA UNIT # 77 MV	30-Jun-99	941	ROSA UNIT # 77 DK	30-Jun-99	2822
ROSA UNIT # 77 MV	31-Jul-99	2207	ROSA UNIT # 77 DK	31-Jul-99	2444
ROSA UNIT # 77 MV	31-Aug-99	1655	ROSA UNIT # 77 DK	31-Aug-99	2869
ROSA UNIT # 77 MV	30-Sep-99	0	ROSA UNIT # 77 DK	30-Sep-99	613
ROSA UNIT # 77 MV	31-Oct-99	774	ROSA UNIT # 77 DK	31-Oct-99	1952
ROSA UNIT # 77 MV	30-Nov-99	2105	ROSA UNIT # 77 DK	30-Nov-99	4224
ROSA UNIT # 77 MV	31-Dec-99	2881	ROSA UNIT # 77 DK	31-Dec-99	3655
ROSA UNIT # 77 MV	31-Jan-00	2912	ROSA UNIT # 77 DK	31-Jan-00	2704
ROSA UNIT # 77 MV	28-Feb-00	2558	ROSA UNIT # 77 DK	28-Feb-00	3533
ROSA UNIT # 77 MV	31-Mar-00	2660	ROSA UNIT # 77 DK	31-Mar-00	2988
ROSA UNIT # 77 MV	30-Apr-00	2690	ROSA UNIT # 77 DK	30-Apr-00	2172
ROSA UNIT # 77 MV	31-May-00	2561	ROSA UNIT # 77 DK	31-May-00	3072
ROSA UNIT # 77 MV	30-Jun-00	2039	ROSA UNIT # 77 DK	30-Jun-00	2013
ROSA UNIT # 77 MV	31-Jul-00	2267	ROSA UNIT # 77 DK	31-Jul-00	2738
ROSA UNIT # 77 MV	31-Aug-00	2007	ROSA UNIT # 77 DK	31-Aug-00	2099
ROSA UNIT # 77 MV	30-Sep-00	1734	ROSA UNIT # 77 DK	30-Sep-00	1179
ROSA UNIT # 77 MV	31-Oct-00	1974	ROSA UNIT # 77 DK	31-Oct-00	3536
ROSA UNIT # 77 MV	30-Nov-00	1826	ROSA UNIT # 77 DK	30-Nov-00	2346
ROSA UNIT # 77 MV	31-Dec-00	2079	ROSA UNIT # 77 DK	31-Dec-00	2186
ROSA UNIT # 77 MV	31-Jan-01	2130	ROSA UNIT # 77 DK	31-Jan-01	3125
ROSA UNIT # 77 MV	28-Feb-01	2025	ROSA UNIT # 77 DK	28-Feb-01	1601
ROSA UNIT # 77 MV	31-Mar-01	2322	ROSA UNIT # 77 DK	31-Mar-01	2632
ROSA UNIT # 77 MV	30-Apr-01	1971	ROSA UNIT # 77 DK	30-Apr-01	2426
ROSA UNIT # 77 MV	31-May-01	1969	ROSA UNIT # 77 DK	31-May-01	3132
ROSA UNIT # 77 MV	30-Jun-01	1730	ROSA UNIT # 77 DK	30-Jun-01	3342
ROSA UNIT # 77 MV	31-Jul-01	1768	ROSA UNIT # 77 DK	31-Jul-01	3443
ROSA UNIT # 77 MV	31-Aug-01	2217	ROSA UNIT # 77 DK	31-Aug-01	3009
ROSA UNIT # 77 MV	30-Sep-01	1500	ROSA UNIT # 77 DK	30-Sep-01	2524
ROSA UNIT # 77 MV	31-Oct-01	1543	ROSA UNIT # 77 DK	31-Oct-01	3086
ROSA UNIT # 77 MV	30-Nov-01	2638	ROSA UNIT # 77 DK	30-Nov-01	3374
ROSA UNIT # 77 MV	31-Dec-01	2402	ROSA UNIT # 77 DK	31-Dec-01	2789
ROSA UNIT # 77 MV	31-Jan-02	2189	ROSA UNIT # 77 DK	31-Jan-02	2505
ROSA UNIT # 77 MV	28-Feb-02	2004	ROSA UNIT # 77 DK	28-Feb-02	2800
ROSA UNIT # 77 MV	31-Mar-02	2229	ROSA UNIT # 77 DK	31-Mar-02	1948
ROSA UNIT # 77 MV	30-Apr-02	2112	ROSA UNIT # 77 DK	30-Apr-02	2770
ROSA UNIT # 77 MV	31-May-02	1572	ROSA UNIT # 77 DK	31-May-02	2353
ROSA UNIT # 77 MV	30-Jun-02	1758	ROSA UNIT # 77 DK	30-Jun-02	1986
ROSA UNIT # 77 MV	31-Jul-02	1989	ROSA UNIT # 77 DK	31-Jul-02	3087
ROSA UNIT # 77 MV	31-Aug-02	1876	ROSA UNIT # 77 DK	31-Aug-02	3551
ROSA UNIT # 77 MV	30-Sep-02	1933	ROSA UNIT # 77 DK	30-Sep-02	3851
ROSA UNIT # 77 MV	31-Oct-02	2263	ROSA UNIT # 77 DK	31-Oct-02	3076
ROSA UNIT # 77 MV	30-Nov-02	2083	ROSA UNIT # 77 DK	30-Nov-02	2741
ROSA UNIT # 77 MV	31-Dec-02	2180	ROSA UNIT # 77 DK	31-Dec-02	2873
ROSA UNIT # 77 MV	31-Jan-03	3000	ROSA UNIT # 77 DK	31-Jan-03	2577

ROSA UNIT # 77 GL COMG	31-Aug-92	1646
ROSA UNIT # 77 GL COMG	30-Sep-92	1882
ROSA UNIT # 77 GL COMG	31-Oct-92	1245
ROSA UNIT # 77 GL COMG	30-Nov-92	1804
ROSA UNIT # 77 GL COMG	31-Dec-92	1613
ROSA UNIT # 77 GL COMG	31-Jan-93	0
ROSA UNIT # 77 GL COMG	28-Feb-93	0
ROSA UNIT # 77 GL COMG	31-Mar-93	1220
ROSA UNIT # 77 GL COMG	30-Apr-93	1382
ROSA UNIT # 77 GL COMG	31-May-93	1276
ROSA UNIT # 77 GL COMG	30-Jun-93	1055
ROSA UNIT # 77 GL COMG	31-Jul-93	1468
ROSA UNIT # 77 GL COMG	31-Aug-93	1474
ROSA UNIT # 77 GL COMG	30-Sep-93	1505
ROSA UNIT # 77 GL COMG	31-Oct-93	1635
ROSA UNIT # 77 GL COMG	30-Nov-93	1304
ROSA UNIT # 77 GL COMG	31-Dec-93	1176
ROSA UNIT # 77 GL COMG	31-Jan-94	1053
ROSA UNIT # 77 GL COMG	28-Feb-94	1531
ROSA UNIT # 77 GL COMG	31-Mar-94	1017
ROSA UNIT # 77 GL COMG	30-Apr-94	908
ROSA UNIT # 77 GL COMG	31-May-94	1583
ROSA UNIT # 77 GL COMG	30-Jun-94	1249
ROSA UNIT # 77 GL COMG	31-Jul-94	770
ROSA UNIT # 77 GL COMG	31-Aug-94	1437
ROSA UNIT # 77 GL COMG	30-Sep-94	1272
ROSA UNIT # 77 GL COMG	31-Oct-94	1674
ROSA UNIT # 77 GL COMG	30-Nov-94	1416
ROSA UNIT # 77 GL COMG	31-Dec-94	0
ROSA UNIT # 77 GL COMG	31-Jan-95	1533
ROSA UNIT # 77 GL COMG	28-Feb-95	1125
ROSA UNIT # 77 GL COMG	31-Mar-95	1318
ROSA UNIT # 77 GL COMG	30-Apr-95	1388
ROSA UNIT # 77 GL COMG	31-May-95	974
ROSA UNIT # 77 GL COMG	30-Jun-95	1410
ROSA UNIT # 77 GL COMG	31-Jul-95	1410
ROSA UNIT # 77 GL COMG	31-Aug-95	1002
ROSA UNIT # 77 GL COMG	30-Sep-95	1352
ROSA UNIT # 77 GL COMG	31-Oct-95	1188
ROSA UNIT # 77 GL COMG	30-Nov-95	1212
ROSA UNIT # 77 GL COMG	31-Dec-95	1366
ROSA UNIT # 77 GL COMG	31-Jan-96	1242
ROSA UNIT # 77 GL COMG	28-Feb-96	1268
ROSA UNIT # 77 GL COMG	31-Mar-96	1190
ROSA UNIT # 77 GL COMG	30-Apr-96	1076
ROSA UNIT # 77 GL COMG	31-May-96	480
ROSA UNIT # 77 GL COMG	30-Jun-96	0
ROSA UNIT # 77 GL COMG	31-Jul-96	0
ROSA UNIT # 77 GL COMG	31-Aug-96	2282
ROSA UNIT # 77 GL COMG	30-Sep-96	1429
ROSA UNIT # 77 GL COMG	31-Oct-96	1423
ROSA UNIT # 77 GL COMG	30-Nov-96	1385
ROSA UNIT # 77 GL COMG	31-Dec-96	1402
ROSA UNIT # 77 GL COMG	31-Jan-97	982
ROSA UNIT # 77 GL COMG	28-Feb-97	741
ROSA UNIT # 77 GL COMG	31-Mar-97	1512
ROSA UNIT # 77 GL COMG	30-Apr-97	1268
ROSA UNIT # 77 GL COMG	31-May-97	1340
ROSA UNIT # 77 GL COMG	30-Jun-97	1353
ROSA UNIT # 77 GL COMG	31-Jul-97	396
ROSA UNIT # 77 GL COMG	31-Aug-97	1619
ROSA UNIT # 77 GL COMG	30-Sep-97	1368
ROSA UNIT # 77 GL COMG	31-Oct-97	1258
ROSA UNIT # 77 GL COMG	30-Nov-97	1281
ROSA UNIT # 77 GL COMG	31-Dec-97	1190
ROSA UNIT # 77 GL COMG	31-Jan-98	1186
ROSA UNIT # 77 GL COMG	28-Feb-98	1025
ROSA UNIT # 77 GL COMG	31-Mar-98	1209
ROSA UNIT # 77 GL COMG	30-Apr-98	1196
ROSA UNIT # 77 GL COMG	31-May-98	1072
ROSA UNIT # 77 GL COMG	30-Jun-98	1045
ROSA UNIT # 77 GL COMG	31-Jul-98	1147
ROSA UNIT # 77 GL COMG	31-Aug-98	1074
ROSA UNIT # 77 GL COMG	30-Sep-98	1104
ROSA UNIT # 77 GL COMG	31-Oct-98	978
ROSA UNIT # 77 GL COMG	30-Nov-98	1083
ROSA UNIT # 77 GL COMG	31-Dec-98	2091
ROSA UNIT # 77 GL COMG	31-Jan-99	2011
ROSA UNIT # 77 GL COMG	28-Feb-99	704
ROSA UNIT # 77 GL COMG	31-Mar-99	1253
ROSA UNIT # 77 GL COMG	30-Apr-99	1093
ROSA UNIT # 77 GL COMG	31-May-99	1168
ROSA UNIT # 77 GL COMG	30-Jun-99	1130
ROSA UNIT # 77 GL COMG	31-Jul-99	978
ROSA UNIT # 77 GL COMG	31-Aug-99	1149
ROSA UNIT # 77 GL COMG	30-Sep-99	245
ROSA UNIT # 77 GL COMG	31-Oct-99	782
ROSA UNIT # 77 GL COMG	30-Nov-99	1691
ROSA UNIT # 77 GL COMG	31-Dec-99	1463
ROSA UNIT # 77 GL COMG	31-Jan-00	1083
ROSA UNIT # 77 GL COMG	28-Feb-00	1415
ROSA UNIT # 77 GL COMG	31-Mar-00	1196
ROSA UNIT # 77 GL COMG	30-Apr-00	12301
ROSA UNIT # 77 GL COMG	31-May-00	806
ROSA UNIT # 77 GL COMG	31-Jun-00	1095
ROSA UNIT # 77 GL COMG	31-Jul-00	841
ROSA UNIT # 77 GL COMG	30-Sep-00	472
ROSA UNIT # 77 GL COMG	31-Oct-00	1416
ROSA UNIT # 77 GL COMG	30-Nov-00	639
ROSA UNIT # 77 GL COMG	31-Dec-00	871
ROSA UNIT # 77 GL COMG	31-Jan-01	1247
ROSA UNIT # 77 GL COMG	28-Feb-01	1180
ROSA UNIT # 77 GL COMG	31-Mar-01	1050
ROSA UNIT # 77 GL COMG	30-Apr-01	967
ROSA UNIT # 77 GL COMG	31-May-01	1257
ROSA UNIT # 77 GL COMG	30-Jun-01	1343
ROSA UNIT # 77 GL COMG	31-Jul-01	1385
ROSA UNIT # 77 GL COMG	31-Aug-01	1211
ROSA UNIT # 77 GL COMG	30-Sep-01	1016
ROSA UNIT # 77 GL COMG	31-Oct-01	1246
ROSA UNIT # 77 GL COMG	30-Nov-01	1360
ROSA UNIT # 77 GL COMG	31-Dec-01	1131
ROSA UNIT # 77 GL COMG	31-Jan-02	1013
ROSA UNIT # 77 GL COMG	28-Feb-02	1050
ROSA UNIT # 77 GL COMG	31-Mar-02	790
ROSA UNIT # 77 GL COMG	30-Apr-02	1118
ROSA UNIT # 77 GL COMG	31-May-02	952
ROSA UNIT # 77 GL COMG	30-Jun-02	772
ROSA UNIT # 77 GL COMG	31-Jul-02	1261
ROSA UNIT # 77 GL COMG	31-Aug-02	1386
ROSA UNIT # 77 GL COMG	30-Sep-02	1165
ROSA UNIT # 77 GL COMG	31-Oct-02	1266
ROSA UNIT # 77 GL COMG	30-Nov-02	1129
ROSA UNIT # 77 GL COMG	31-Dec-02	1184
ROSA UNIT # 77 GL COMG	31-Jan-03	1063

ROSA UNIT # 77 MV	28-Feb-03	3062	ROSA UNIT # 77 DK	28-Feb-03	2564	ROSA UNIT # 77 GL COMG	28-Feb-03	1830
ROSA UNIT # 77 MV	31-Mar-03	2157	ROSA UNIT # 77 DK	31-Mar-03	2403	ROSA UNIT # 77 GL COMG	31-Mar-03	1831
ROSA UNIT # 77 MV	30-Apr-03	2946	ROSA UNIT # 77 DK	30-Apr-03	2626	ROSA UNIT # 77 GL COMG	30-Apr-03	1083
ROSA UNIT # 77 MV	31-May-03	3780	ROSA UNIT # 77 DK	31-May-03	1362	ROSA UNIT # 77 GL COMG	31-May-03	661
ROSA UNIT # 77 MV	30-Jun-03	2750	ROSA UNIT # 77 DK	30-Jun-03	2663	ROSA UNIT # 77 GL COMG	30-Jun-03	1601
ROSA UNIT # 77 MV	31-Jul-03	2148	ROSA UNIT # 77 DK	31-Jul-03	2866	ROSA UNIT # 77 GL COMG	31-Jul-03	1181
ROSA UNIT # 77 MV	31-Aug-03	2268	ROSA UNIT # 77 DK	31-Aug-03	2656	ROSA UNIT # 77 GL COMG	31-Aug-03	1746
ROSA UNIT # 77 MV	30-Sep-03	2451	ROSA UNIT # 77 DK	30-Sep-03	2536	ROSA UNIT # 77 GL COMG	30-Sep-03	1041
ROSA UNIT # 77 MV	31-Oct-03	2541	ROSA UNIT # 77 DK	31-Oct-03	3656	ROSA UNIT # 77 GL COMG	31-Oct-03	1065
ROSA UNIT # 77 MV	30-Nov-03	2499	ROSA UNIT # 77 DK	30-Nov-03	3194	ROSA UNIT # 77 GL COMG	30-Nov-03	931
ROSA UNIT # 77 MV	31-Dec-03	2261	ROSA UNIT # 77 DK	31-Dec-03	2407	ROSA UNIT # 77 GL COMG	31-Dec-03	987
ROSA UNIT # 77 MV	31-Jan-04	1869	ROSA UNIT # 77 DK	31-Jan-04	2637	ROSA UNIT # 77 GL COMG	31-Jan-04	1081
ROSA UNIT # 77 MV	28-Feb-04	1699	ROSA UNIT # 77 DK	28-Feb-04	2304	ROSA UNIT # 77 GL COMG	28-Feb-04	945
ROSA UNIT # 77 MV	31-Mar-04	2805	ROSA UNIT # 77 DK	31-Mar-04	2441	ROSA UNIT # 77 GL COMG	31-Mar-04	1001
ROSA UNIT # 77 MV	30-Apr-04	2337	ROSA UNIT # 77 DK	30-Apr-04	2391	ROSA UNIT # 77 GL COMG	30-Apr-04	981
ROSA UNIT # 77 MV	31-May-04	2829	ROSA UNIT # 77 DK	31-May-04	2379	ROSA UNIT # 77 GL COMG	31-May-04	976
ROSA UNIT # 77 MV	30-Jun-04	2856	ROSA UNIT # 77 DK	30-Jun-04	2242	ROSA UNIT # 77 GL COMG	30-Jun-04	920
ROSA UNIT # 77 MV	31-Jul-04	2790	ROSA UNIT # 77 DK	31-Jul-04	2555	ROSA UNIT # 77 GL COMG	31-Jul-04	1048
ROSA UNIT # 77 MV	31-Aug-04	2848	ROSA UNIT # 77 DK	31-Aug-04	2327	ROSA UNIT # 77 GL COMG	31-Aug-04	955
ROSA UNIT # 77 MV	30-Sep-04	2361	ROSA UNIT # 77 DK	30-Sep-04	2146	ROSA UNIT # 77 GL COMG	30-Sep-04	880
ROSA UNIT # 77 MV	31-Oct-04	2523	ROSA UNIT # 77 DK	31-Oct-04	2276	ROSA UNIT # 77 GL COMG	31-Oct-04	934
ROSA UNIT # 77 MV	30-Nov-04	1247	ROSA UNIT # 77 DK	30-Nov-04	1977	ROSA UNIT # 77 GL COMG	30-Nov-04	817
ROSA UNIT # 77 MV	31-Dec-04	1451	ROSA UNIT # 77 DK	31-Dec-04	2119	ROSA UNIT # 77 GL COMG	31-Dec-04	869
ROSA UNIT # 77 MV	31-Jan-05	1621	ROSA UNIT # 77 DK	31-Jan-05	1965	ROSA UNIT # 77 GL COMG	31-Jan-05	806
ROSA UNIT # 77 MV	28-Feb-05	2644	ROSA UNIT # 77 DK	28-Feb-05	2273	ROSA UNIT # 77 GL COMG	28-Feb-05	932
ROSA UNIT # 77 MV	31-Mar-05	2186	ROSA UNIT # 77 DK	31-Mar-05	2065	ROSA UNIT # 77 GL COMG	31-Mar-05	848
ROSA UNIT # 77 MV	30-Apr-05	3384	ROSA UNIT # 77 DK	30-Apr-05	2102	ROSA UNIT # 77 GL COMG	30-Apr-05	862
ROSA UNIT # 77 MV	31-May-05	3065	ROSA UNIT # 77 DK	31-May-05	1943	ROSA UNIT # 77 GL COMG	31-May-05	798
ROSA UNIT # 77 MV	30-Jun-05	2636	ROSA UNIT # 77 DK	30-Jun-05	2004	ROSA UNIT # 77 GL COMG	30-Jun-05	823
ROSA UNIT # 77 MV	31-Jul-05	2210	ROSA UNIT # 77 DK	31-Jul-05	1997	ROSA UNIT # 77 GL COMG	31-Jul-05	820
ROSA UNIT # 77 MV	31-Aug-05	2138	ROSA UNIT # 77 DK	31-Aug-05	2072	ROSA UNIT # 77 GL COMG	31-Aug-05	850
ROSA UNIT # 77 MV	30-Sep-05	2669	ROSA UNIT # 77 DK	30-Sep-05	2023	ROSA UNIT # 77 GL COMG	30-Sep-05	830
ROSA UNIT # 77 MV	31-Oct-05	3001	ROSA UNIT # 77 DK	31-Oct-05	2501	ROSA UNIT # 77 GL COMG	31-Oct-05	1026
ROSA UNIT # 77 MV	30-Nov-05	2992	ROSA UNIT # 77 DK	30-Nov-05	2232	ROSA UNIT # 77 GL COMG	30-Nov-05	916
ROSA UNIT # 77 MV	31-Dec-05	3120	ROSA UNIT # 77 DK	31-Dec-05	2442	ROSA UNIT # 77 GL COMG	31-Dec-05	1002
ROSA UNIT # 77 MV	31-Jan-06	2959	ROSA UNIT # 77 DK	31-Jan-06	2354	ROSA UNIT # 77 GL COMG	31-Jan-06	966
ROSA UNIT # 77 MV	28-Feb-06	2654	ROSA UNIT # 77 DK	28-Feb-06	2006	ROSA UNIT # 77 GL COMG	28-Feb-06	824
ROSA UNIT # 77 MV	31-Mar-06	2982	ROSA UNIT # 77 DK	31-Mar-06	2162	ROSA UNIT # 77 GL COMG	31-Mar-06	888
ROSA UNIT # 77 MV	30-Apr-06	2395	ROSA UNIT # 77 DK	30-Apr-06	1638	ROSA UNIT # 77 GL COMG	30-Apr-06	675
ROSA UNIT # 77 MV	31-May-06	2972	ROSA UNIT # 77 DK	31-May-06	2415	ROSA UNIT # 77 GL COMG	31-May-06	991
ROSA UNIT # 77 MV	30-Jun-06	2673	ROSA UNIT # 77 DK	30-Jun-06	2060	ROSA UNIT # 77 GL COMG	30-Jun-06	846
ROSA UNIT # 77 MV	31-Jul-06	2637	ROSA UNIT # 77 DK	31-Jul-06	2050	ROSA UNIT # 77 GL COMG	31-Jul-06	842
ROSA UNIT # 77 MV	31-Aug-06	2603	ROSA UNIT # 77 DK	31-Aug-06	2089	ROSA UNIT # 77 GL COMG	31-Aug-06	858
ROSA UNIT # 77 MV	30-Sep-06	2448	ROSA UNIT # 77 DK	30-Sep-06	2080	ROSA UNIT # 77 GL COMG	30-Sep-06	854
ROSA UNIT # 77 MV	31-Oct-06	2428	ROSA UNIT # 77 DK	31-Oct-06	2069	ROSA UNIT # 77 GL COMG	31-Oct-06	850
ROSA UNIT # 77 MV	30-Nov-06	2116	ROSA UNIT # 77 DK	30-Nov-06	2067	ROSA UNIT # 77 GL COMG	30-Nov-06	849
ROSA UNIT # 77 MV	31-Dec-06	2362	ROSA UNIT # 77 DK	31-Dec-06	2093	ROSA UNIT # 77 GL COMG	31-Dec-06	860
ROSA UNIT # 77 MV	31-Jan-07	2301	ROSA UNIT # 77 DK	31-Jan-07	2113	ROSA UNIT # 77 GL COMG	31-Jan-07	868
ROSA UNIT # 77 MV	28-Feb-07	1637	ROSA UNIT # 77 DK	28-Feb-07	1521	ROSA UNIT # 77 GL COMG	28-Feb-07	625
ROSA UNIT # 77 MV	31-Mar-07	1721	ROSA UNIT # 77 DK	31-Mar-07	1632	ROSA UNIT # 77 GL COMG	31-Mar-07	671
ROSA UNIT # 77 MV	30-Apr-07	2119	ROSA UNIT # 77 DK	30-Apr-07	2486	ROSA UNIT # 77 GL COMG	30-Apr-07	1020
ROSA UNIT # 77 MV	31-May-07	1572	ROSA UNIT # 77 DK	31-May-07	2015	ROSA UNIT # 77 GL COMG	31-May-07	827
ROSA UNIT # 77 MV	30-Jun-07	1500	ROSA UNIT # 77 DK	30-Jun-07	1486	ROSA UNIT # 77 GL COMG	30-Jun-07	611
ROSA UNIT # 77 MV	31-Jul-07	1767	ROSA UNIT # 77 DK	31-Jul-07	2215	ROSA UNIT # 77 GL COMG	31-Jul-07	908
ROSA UNIT # 77 MV	31-Aug-07	682	ROSA UNIT # 77 DK	31-Aug-07	2009	ROSA UNIT # 77 GL COMG	31-Aug-07	825
ROSA UNIT # 77 MV	30-Sep-07	1617	ROSA UNIT # 77 DK	30-Sep-07	2487	ROSA UNIT # 77 GL COMG	30-Sep-07	1020
ROSA UNIT # 77 MV	31-Oct-07	544	ROSA UNIT # 77 DK	31-Oct-07	2275	ROSA UNIT # 77 GL COMG	31-Oct-07	934
ROSA UNIT # 77 MV	30-Nov-07	1887	ROSA UNIT # 77 DK	30-Nov-07	1093	ROSA UNIT # 77 GL COMG	30-Nov-07	450
ROSA UNIT # 77 MV	31-Dec-07	2520	ROSA UNIT # 77 DK	31-Dec-07	1664	ROSA UNIT # 77 GL COMG	31-Dec-07	684
ROSA UNIT # 77 MV	31-Jan-08	2296	ROSA UNIT # 77 DK	31-Jan-08	1737	ROSA UNIT # 77 GL COMG	31-Jan-08	713
ROSA UNIT # 77 MV	28-Feb-08	2234	ROSA UNIT # 77 DK	28-Feb-08	1186	ROSA UNIT # 77 GL COMG	28-Feb-08	488
ROSA UNIT # 77 MV	31-Mar-08	3550	ROSA UNIT # 77 DK	31-Mar-08	1588	ROSA UNIT # 77 GL COMG	31-Mar-08	653
ROSA UNIT # 77 MV	30-Apr-08	3163	ROSA UNIT # 77 DK	30-Apr-08	831	ROSA UNIT # 77 GL COMG	30-Apr-08	342
ROSA UNIT # 77 MV	31-May-08	2758	ROSA UNIT # 77 DK	31-May-08	1781	ROSA UNIT # 77 GL COMG	31-May-08	730

Production Evaluation Comparison Period