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NA

**devon**

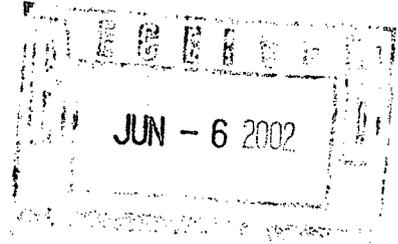
**ENERGY PRODUCTION COMPANY, L.P.**

20 North Broadway, Suite 1500  
Oklahoma City, Oklahoma 73102-8260

Telephone: (405) 235-3611  
Fax: (405) 552-4667

May 30, 2002

David Catanach  
State of New Mexico  
Oil Conservation Division  
2040 S. Pacheco Street  
Santa Fe, NM 87505-5472



Re: Southern Cross 22 Fed Com #2

Dear Mr. Catanach:

Devon Energy Production Co. LP hereby seeks administrative approval to downhole commingle the production from Antelope Sink Morrow North and Penasco Draw Permo Penn Gas pools in our Southern Cross 22 Fed Com #2, located in Unit I of Section 22, Township 18 South, Range 24 East, Eddy County, NM

Should you require any additional information or assistance, please do not hesitate to contact me at (405) 228-7512.

Sincerely,

Karen Cottom  
Engineering Technician  
Devon Energy Production Company, L.P.

kc  
Enclosure



**ENERGY PRODUCTION COMPANY, L.P.**

20 North Broadway, Suite 1500  
Oklahoma City, Oklahoma 73102-8260

Telephone: (405) 235-3611  
Fax: (405) 552-4667

May 30, 2002

Bryan Arrant  
State of New Mexico  
Oil Conservation Division  
1301 W. Grand Ave  
Artesia, NM 88210-2834

Re: Southern Cross 22 Fed Com #2

Dear Mr. Arrant:

Devon Energy Production Co. LP hereby seeks administrative approval to downhole commingle the production from Antelope Sink Morrow North and Penasco Draw Permo Penn Gas pools in our Southern Cross 22 Fed Com #2, located in Unit I of Section 22, Township 18 South, Range 24 East, Eddy County, NM

Should you require any additional information or assistance, please do not hesitate to contact me at (405) 228-7512.

Sincerely,

Karen Cottom  
Engineering Technician  
Devon Energy Production Company, L.P.

kc  
Enclosure

District I  
1625 N. French Drive, Hobbs, NM 88240

District II  
811 South First Street, Artesia, NM 88210

District III  
1000 Rio Brazos Road, Aztec, NM 87410

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 May 15, 2000

Oil Conservation Division

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

APPLICATION TYPE  
X Single Well  
Establish Pre-Approved Pools  
EXISTING WELLBORE  
X Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Devon Energy Production Company, L.P.  
Operator

20 N. Broadway, Suite 1500, Oklahoma City, OK 73102  
Address

Southern Cross 22 Fed Com  
Lease

2  
Well No.

I, Sec 22 - 18S - 24E  
Unit Letter-Section-Township-Range

Eddy, NM  
County

OGRID No. 6137 Property Code 26942 API No. 30-015-31475 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	PENASCO DRAW PERMO PENN GAS		ANTELOPE SINK MORROW NORTH
Pool Code	82775		70480
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6456' - 6476'		8042' - 8078'
Method of Production (Flowing or Artificial Lift)	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)	N/A	N/A	N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	NEW ZONE - Prod		NEW ZONE - SI
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: 5/22/02 Rates: 0 BOPD, 0 BWP, 40 MCF	Date: Rates:	Date: 5/10/02 Rates: 0 BOPD, 0 BWP, 131 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 0% 23 %	Oil Gas 0% %	Oil Gas 0% 77 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes  No   
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: \_\_\_\_\_

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 Karen Cottom TITLE Engineering Technician DATE May 30, 2002

TYPE OR PRINT NAME Karen Cottom TELEPHONE NO. (405) 228-7512

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FORM APPROVED**  
Budget Bureau No. 1004-0135  
Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other \_\_\_\_\_

2. Name of Operator  
**DEVON ENERGY PRODUCTION COMPANY, LP.**

3. Address and Telephone No.  
**20 NORTH BROADWAY, SUITE 1100, OKLAHOMA CITY, OKLAHOMA 73102 (405) 228-7512**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1980' FSL & 800' FEL, Sec 22-T18S-R24E**

5. Lease Designation and Serial No.  
**NM-0558263A**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**Southern Cross 22 Fed Com #2**

9. API Well No.  
**30-015-31475**

10. Field and Pool, or Exploratory Area  
**Antelope Sink Morrow, North**

11. County or Parish, State  
**Eddy, NM**

**CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Downhole Commingle</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Devon Energy Production Company, L.P. is applying with the New Mexico Oil Conservation Division to downhole commingle the Antelope Sink Morrow, North 70480 and the Penasco Draw Permo Penn Gas 82775 The commingling will not reduce the value of the total remaining production. Ownership in the zones is identical.

Current and proposed wellbore schematics are attached along with the allocation method and supporting data

14. I hereby certify that the foregoing is true and correct

Signed Karen A. Cottom

Karen A. Cottom

Title Engineering Technician

Date May 30, 2002

(This space for Federal or State office use)

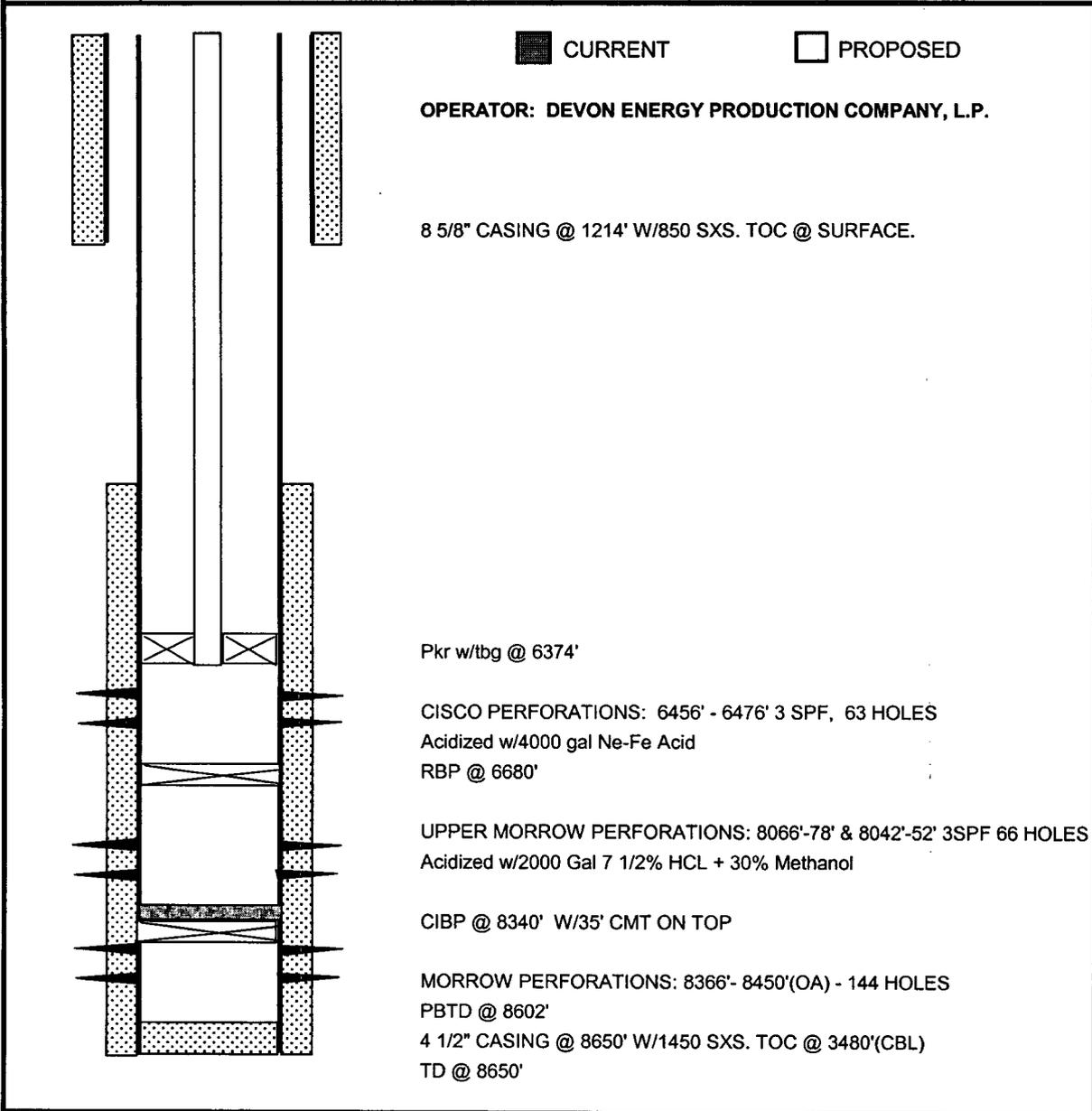
Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

## DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: SOUTHERN CROSS "22" FEDERAL COM #2			FIELD: ANTELOPE SINK (MORROW) NORTH			
LOCATION: 1980' FSL & 800' FEL, SEC 22-T18S-R24E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3731'; KB=3745'			SPUD DATE: 01/31/01		COMP DATE: 03/08/01	
API#: 30-015-31475		PREPARED BY: KAREN COTTOM			DATE: 01/10/02	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 1214'	8 5/8"	32#	K-55	ST&C	12 1/4"
CASING:	0' - 8650'	4 1/2"	11.6#	N-80	LT&C	7 7/8"
CASING:						
TUBING:	0' - 8451'	2 3/8"	4.7#	N-80	EUE 8rd	
TUBING:						





STRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Elv Brazos Rd., Artesia, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31475		Pool Code 70480	Pool Name Antelope Sink North Morrow
Property Code 26942	Property Name SOUTHERN CROSS "22" FED. COM.		Well Number 2
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.		Elevation 3732

Surface Location

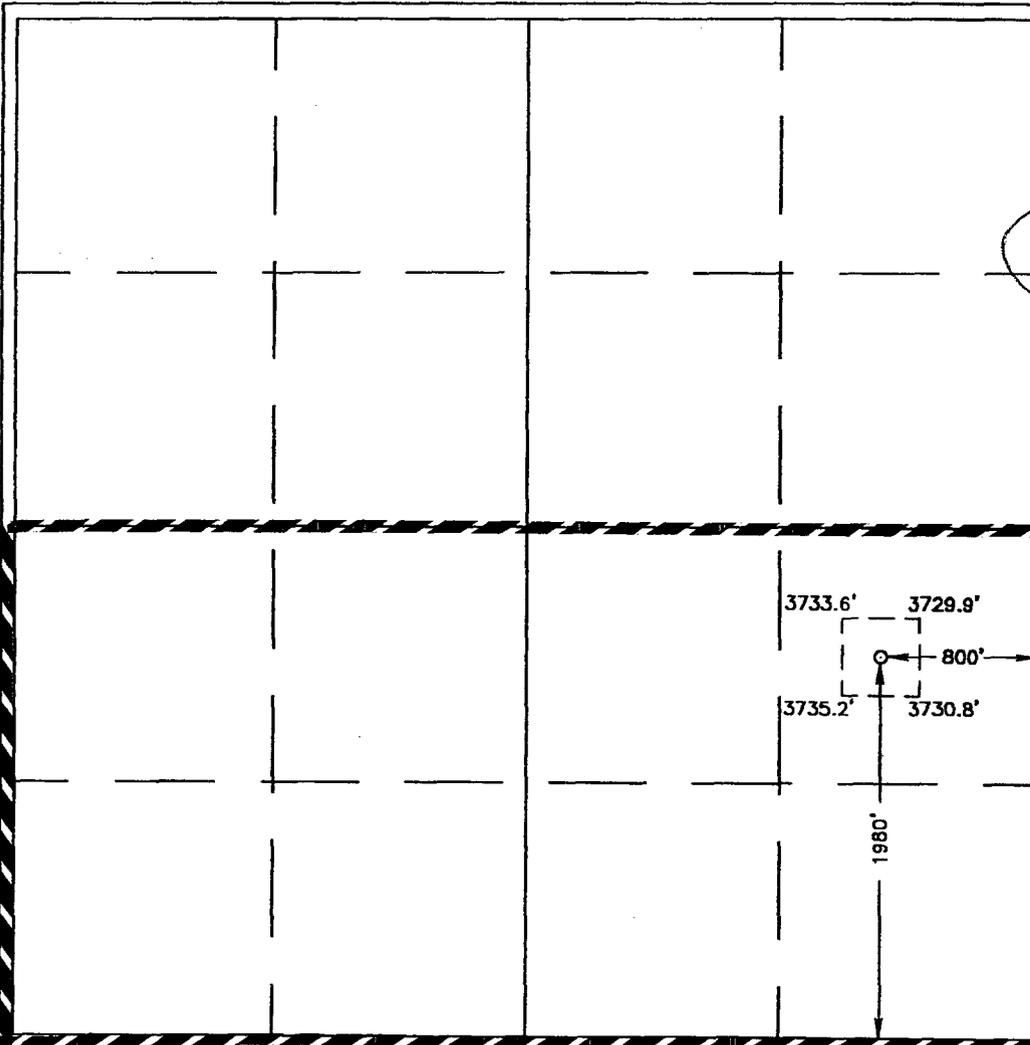
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	22	18 S	24 E		1980	SOUTH	800	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Signature

Terri Stathem

Printed Name

Production Analyst

Title

10/10/00

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

OCTOBER 5, 2000

Date Surveyed

LMP

Signature & Seal of Professional Surveyor

Ronald J. Edson 10/05/00  
00-11-1195

Certificate No. RONALD J. EDSON 3239  
GARY EDSON 12841  
MACON McDONALD 12186

Pool Name: Antelope Sink Morrow North

Pool Code: 70480

4/19/02 Perf Upper Morrow 8066 – 8078 & 8042 – 8052

4/22/02 Acidized with 2000 gals 7 ½% HCL + 30% methanol

STRICT I

.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

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Fee Lease - 3 Copies

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P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31475	Pool Code 82775	Pool Name PENASCO DRAW PERMO PENN GAS
Property Code 26942	Property Name SOUTHERN CROSS "22" FED. COM.	Well Number 2
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO. LP	Elevation 3732

Surface Location

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320			

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	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Terri Stathem</i> Signature Terri Stathem Printed Name Production Analyst Title 10/10/00 Date</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>OCTOBER 5, 2000 Date Surveyed LMP Signature &amp; Seal of Professional Surveyor <i>Ronald J. Edson</i> 10/06/00 00-11-1193 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641 MACON McDONALD 12185</p>

Pool Name Penasco Draw Permo Penn Gas

Pool Code: 82775

5/14/02 Perf Cisco 6456' - 6476'

5/17/02 Acidize with 4000 gals NeFe acid

Date	Actual Oil F	Actual Gas	Actual Water	Production
4/20/2002	0	0	0	
4/21/2002	0	0	0	
4/22/2002	0	23	0	UPPER MORROW
4/23/2002	0	8	0	
4/24/2002	0	282	0	
4/25/2002	0	249	0	
4/26/2002	0	224	0	
4/27/2002	0	204	0	
4/28/2002	0	190	0	
4/29/2002	0	51	0	
4/30/2002	0	149	0	
5/1/2002	0	187	0	
5/2/2002	0	171	0	
5/3/2002	0	176	0	
5/4/2002	0	165	0	
5/5/2002	0	161	0	
5/6/2002	0	151	0	
5/7/2002	0	146	0	
5/8/2002	0	117	0	
5/9/2002	0	141	0	
5/10/2002	0	131	0	
5/11/2002	0	124	0	
5/12/2002	0	123	0	
5/13/2002	0	24	0	
5/14/2002	0	0	0	
5/15/2002	0	0	0	
5/16/2002	0	0	0	
5/17/2002	0	0	0	
5/18/2002	0	0	0	
5/19/2002	0	38	0	CISCO
5/20/2002	0	52	0	
5/21/2002	0	9	0	
5/22/2002	0	40	0	
5/23/2002	0	1	0	
5/24/2002	0	1	0	
5/25/2002	0	1	0	
5/26/2002	0	1	0	
5/27/2002	0	1	0	

SOUTHERN CROSS 22 FED COM #2

