

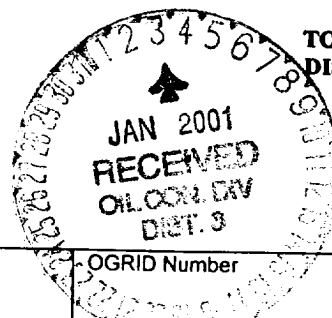
District II - (505) 748-1283  
311 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131  
2040 S. Pacheco  
Santa Fe, NM 87505

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Revised 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE

APPLICATION FOR  
WELL WORKOVER PROJECT



I. Operator and Well								
Operator name & address Phillips Petroleum Company 5525 Hwy. 64 Farmington, NM 87401							OGRID Number 017654	
Contact Party Patsy Clugston							Phone 505-599-3454	
Property Name San Juan 29-6 Unit						Well Number 53A	API Number 30-039-21086	
UL	Section	Townshi	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
0	31	29N	6W	800'	South	1570'	East	Rio Arriba

II. Workover	
Date Workover Commenced: 7/14/99	Previous Producing Pool(s) (Prior to Workover):  Mesaverde
Date Workover Completed: 3/27/00 4/11	

- III. Attach a description of the Workover Procedures performed to increase production.
- IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.
- V. AFFIDAVIT:

State of New Mexico )  
County of San Juan ) ss.  
Patsy Clugston, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Patsy Clugston Title Sr. Regulatory Clerk Date 12-29-00  
SUBSCRIBED AND SWORN TO before me this 29th day of December 2000

My Commission expires: 10-8-2001

Nancy J. Brown  
Notary Public

FOR OIL CONSERVATION DIVISION USE ONLY:

- VI. CERTIFICATION OF APPROVAL:
- This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 4/11/00.

Signature District Supervisor <u>353</u>	OCD District <u>3</u>	Date <u>2/17/01</u>
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- VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

5. Lease Serial No.

NM-03040-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #53A

9. API Well No.

30-039-21086

10. Field and Pool, or Exploratory Area  
Blanco Pictured Cliffs  
and Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Corrected</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Commingled Date</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed on testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

The sundry dated 3/28/00 stated that production was commingled as of 3/27/00 and this was incorrect. The correct date production from the Pictured Cliffs and Mesaverde was commingled was 4/11/00.

JUN 17 2000 PM 3:37

14. I hereby certify that the foregoing is true and correct  
(Name (Printed/Typed))

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

4/19/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

ACCEPTED FOR RECORD

JUN 01 2000

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR

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 070 FARMINGTON, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Highway 64, NBU 3004, Farmington, NM 87401 505 599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit 0, 800' FSL & 1570' FEL  
Section 31, T29N, R6W

5. Lease Designation and Serial No.

NM-03040-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 #53A

9. API Well No.

30-039-21086

10. Field and Pool, or exploratory Area

Blanco Pictured Cliffs  
Blanco Mesaverde

11. County or Parish, State

Rio Arriba NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Clean out BP & Commingle  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ 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.)\*

3/17/00

LO/TO location. MIRU Key #40. GIH & set BP in "F" nipple. ND WH & NU BOP. PT-OK. COOH w/tubing. GIH w/bit & tag CIBP @ 4485'. Drill out. Chase debris to #2 CIBP @ 5350'. Drill out. Chase debris to #3 CIBP @ 5811. Drill out. Chase debris from 5811' - 5980'. Drilling on CIBP debris @ 5980' - 6012' PBTD. Circ. hole @ PBTD. Pull BHA to 4300'. COOH w/3-7/8" from 4300'. GIH w/2-3/8" x 1.81 "F" nipple. Land 2-3/8" tbg @ 5930 w/2-3/8" x 7-1/16" tbg hanger. EOT expendable chk @ 5940', F nipple @ 5907'. ND BOP & NU WH. PT WH to 1500 psi - ok. Pupm of expendable chk w/air mist @ 1100 psi & blow to pit. Release rig @ 14:00 3/27/00.

Production from MV & PC will be commingle per DHC Order #2517 dated 11/22/99.

Production was commingled on 3/27/00.

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

Signed Theresa Davis

Title Regulatory Assistant

Date 3/28/00

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

\* See instruction on Reverse Side

OPERATOR

FARMINGTON FIELD OFFICE  
BY [Signature]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
RECEIVED  
B.L.M. Lease Designation and Serial No.  
NM-03040-A  
46 Indian, Allottee or Tribe Name  
1771:24  
070 FARMINGTON, NM

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. San Juan 29-6 Unit
2. Name of Operator Phillips Petroleum Company	9. API Well No. SJ 29-6 Unit #53A
3. Address and Telephone No. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454	10. Field and Pool, or exploratory Area Blanco Mesaverde and Gobernador Pictured Cliffs
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit 0, 800' FSL & 1570' FEL Section 31, T29N, R6W	11. County or Parish, State Rio Arriba, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" 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 Add PC pay and commingle
	<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

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 drill give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached for the procedure used to add pay to the existing Meneffe interval and then the Lewis Shale pay and stimulate both. Both are in the existing Mesaverde interval. After this was completed, a CIBP was installed to isolate all of the Mesaverde pay. We then moved uphole and added Gobernador Picture Cliff pay and stimulated it.

Plans are to flow the Pictured Cliff interval until the pressure from the Pictured Cliff interval is below the initial Mesaverde pressure. We will then drill out the remaining CIBPs and cleanout to PBTD. Rerun tubing and then commingle production from both pools. The individual well commingling application will be filed and approved before the actual commingling occurs. Commingling from both pools will be done per Order R-11187.

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

Signed

*Patsy Clugston*

Title

Regulatory Assistant

ACCEPTED FOR RECORD

Date

(This space for Federal or State office use)

Approved by

Title

Date

AUG 04 1999

Conditions of approval, if any:

FARMINGTON FIELD OFFICE  
BY *[Signature]*

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

\* See instruction on Reverse Side

OPERATOR

**San Juan 29-6 Unit #53A**  
**NM-03040-A; Unit O, 800' FSL & 1570' FEL**  
**Section 31, T29N, R6W; Rio Arriba County, NM**

Procedure used to add more pay to the Menefee interval, the Lewis Shale interval within the existing Mesaverde interval. Then we added the Picture Cliffs pool to the well.  
This well will commingled once pressures are stabilized.

7/14/99

MIRU Key Energy #40. ND WH & NU BOP. COOH w/2-3/8" tubing. GIH w/4-1/2" bit & scraper to 6012'. COOH. RU Blue Jet & set CIBP on wireline @ 5811'. Perforated Menefee @ 1spf as follows:

5976', 5755', 5733', 5710', 5707', 5685', 5680', 5678', 5650', 5646', 5640',  
5613', 5611', 5593', 5590', 5587', 5568', 5564', 5560', 5545', 5543', 5541' 22 total holes

RD Blue Jet & RIH w/4-1/2" FB packer & set 5770'. RU BJ to acidize. Pumped 1000 gal HCL & ballsealers in three stages. Released packer & knocked balls off. COOH w/packer. RIH w/4-1/2" CIBP & set @ 5350'. Fill casing w/2% KCl and PT casing to 500 psi for 30 minutes. Good test. RI Blue Jet & ran GR/CCL/CBL from 5350' to surface. Then perf'd Lewis Shale @ 1 spf. (Huerfano Bentonite stratigraphic depth is 4272').

4435' - 4438' (3');	4642' - 4645' (3');	4656' - 4659' (3');	4710' - 4713' (3');;
4722' - 4725' (3');;	4782' - 4785' (3');;	4809' - 4812' (3');;	4912' - 4915' (3');;
4923' - 4926' (3');;	5020' - 5023' (3');;	5079' - 5082' (3');;	5211' - 5214' (3');; 36 total holes

GIH w/4-1/2" packer & set @ 4230'. Pumped 914 gals 15% HCL acid & ballsealers. Released packer & knocked balls off. COOH w/packer. RIH & new packer & set @ 3749'. Fill casing annulus w/2% KCL and pressure test casing to 500 psi for 30 minutes. Good test. RU to frac. Pumped 201,700 # 20/40 Brady sand, 69,520 gal 60 Quality foam, 801,000 scf N2. Total fluid to recover 700 bbls. Flowed back on 1/4" and 1/2" chokes for approx. 36 hours.

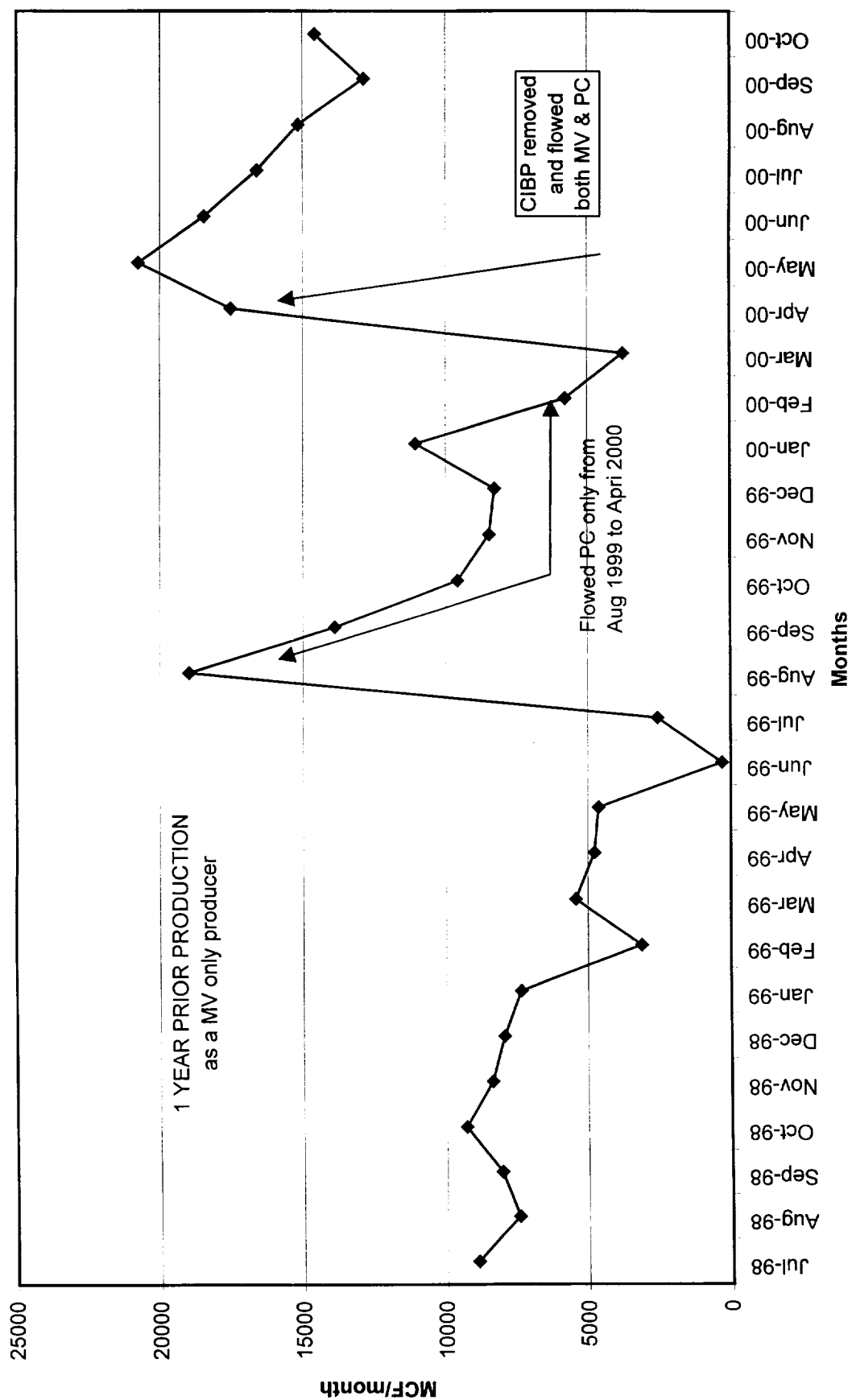
Released packer & COOH. RU Blue Jet & set 4-1/2" CIBP @ 4485'. Filled casing w/2% KCl and PT casing & plug to 500 psi for 30 minutes. Good test. Perforated Pictured Cliff formation as follows @ 0.38" 120 degree phased holes:

3704' - 3838' for a total of 35 holes;  
3691' - 3693' (3'); 3682' - 3684' (3'); 3667' - 3669' (3'); These @ 1 spf = 9 holes

RU BJ & RIH w/7" packer & set @ 3479'. RU BJ to acidize PC interval. Pumped 1000 gal 15% HCL & ballsealers. Released packer & knocked balls off. COOH/packer. RIH & retrieved ballsealers. RK Blue Jet. GIH w/7" FB packer. & set @ 3470'. RU BJ to frac. Started pumping pad w/21 bbls 2% KCl, pumped 106,100 # 20/40 Brady sand w/70% Quality foam. Flushed w/35 bbls 2% KCL. Total N2 - 6510 scf. ATR - 45 bpm; ATP - 2500 psi. ISDP - 810 psi. Flowed back immediately on 1/4" and 1/2" chokes for 42 hrs.

Released packer & COOH w/packer. RIH w/2-3/8" tubing and cleaned out fill. Landed tubing W 3804' with "F" nipple set @ 3770'. ND BOP & NU WH. RD and released rig 7/30/99. Turned well over to production department to first deliver Picture Cliffs pay only.

# 29-5 #53A Workover Production Increase



API #	29-6 # 53A	cf/Month		
30-039-21086		MV	PC	mv/pc commingled
	Jul-98	8,887		8887
	Aug-98	7,432		7432
	Sep-98	8,041		8041
	Oct-98	9,292		9292
	Nov-98	8364	0	8364
	Dec-98	7935	0	7935
	Jan-99	7340	0	7340
	Feb-99	3129	0	3129
	Mar-99	5422	0	5422
	Apr-99	4762	0	4762
	May-99	4622	0	4622
	Jun-99	306	0	306
	Jul-99	2550	0	2550
	Aug-99	0	18,988	18988
	Sep-99	0	13,891	13891
	Oct-99	0	9,571	9571
	Nov-99	0	8,447	8447
	Dec-99	0	8,256	8256
	Jan-00	0	11,058	11058
	Feb-00	0	5,765	5765
	Mar-00	0	3,744	3744
	Apr-00	5411	12,114	17525
	May-00	8496	12,251	20747
	Jun-00	6693	11,763	18456
	Jul-00	4869	11,737	16606
	Aug-00	3733	11,424	15157
	Sep-00	1894	10,973	12867
	Oct-00	3618	10,953	14571