

1025 N. French St.  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

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

FORM C-14  
Revised 06/95

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE

APPLICATION FOR  
WELL WORKOVER PROJECT

JUL - 1 1999

OIL CONSERV. DIV.

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 296- Unit					Well Number 1A		API Number 30-039-21124	
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
p	3	29N	6W	1125	South	790	East	Rio Arriba

II. Workover

Date Workover Commenced: 7/16/98	Previous Producing Pool(s) (Prior to Workover):  Blanco Mesaverde
Date Workover Completed: 7/24/98	

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 )  
 ) ss.  
County of San Juan )  
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 Regulatory Assistant Date 7/1/99  
SUBSCRIBED AND SWORN TO before me this 1st day of July, 1999  
Nancy J. Brown  
Notary Public  
My Commission expires: 10-8-2001

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 7/24/98.

Signature District Supervisor <u>Ernie Busch</u>	OCD District <u>3</u>	Date <u>7/16/99</u>
---	--------------------------	------------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_\_\_\_\_

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

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 P, 1125' FSL & 790' FEL  
Section 3, T29N, R6W

5. Lease Designation and Serial No.

SF-078278

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 Unit #1A

9. API Well No.

30-039-21124

10. Field and Pool, or exploratory Area

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 Add pay & stimulate  
☐ 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.)\*

See attached for the procedure used to add additional perfs and stimulate in the Menefee and Cliffhouse interval and then add pay and stimulate the Lewis Shale interval all within the existing Mesaverde formation.

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

Signed

*Patsy Clayton*

Title

Regulatory Assistant

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Title

AUG 19 1998

Conditions of approval, if any:

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 statements or representations as to any matter within its jurisdiction.

\* See instruction on Reverse Side

OPERATOR

**San Juan 29-6 Unit #1A  
SF-078278; Unit P, 1125' FSL & 790' FEL  
Section 3, T29N, R6W; Rio Arriba County, NM**

**Procedure used to perf & stimulate additional pay in the Menefee and Cliffhouse interval  
and then the Lewis Shale interval in the existing Mesaverde formation.**

7/16/98

MIRU Big A #29. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper. COOH. RIH w/4 1/2" CIBP & set @ 5575'. Dumped bail 5 gal sand on top of plug. RIH & perf'd 24 additional MV perfs (Menefee) @ 1 spf (.31") 120 degree phased holes as follows:

5562', 5543', 5526', 5524', 5522', 5499', 5493', 5468', 5442', 5437', 5412', 5394',  
5376', 5353', 5351', 5339', 5325', 5320', 5305', 5288', 5256', 5253', 5215', 5194',

GIH w/4 1/2" packer & set @ 4990'. RU to acidize Menefee & Cliffhouse. Pumped 1600 gal of 15% HCL acid & ballsealers. Knocked balls off & COOH w/packer.

RIH w/4 1/2" packer and set @ 5100'. Load hole and PT to 500 psi for 30 min. - OK. Ran GR-CCL-CBL from 5100' to surface. Good cement across all zones of interest. GIH & perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3718').

4763 - 4766' (3');	4690' - 4693' (3');	4626' - 4629' (3');	4616' - 4619' (3');;
4542' - 4545' (3');;	4535' - 4538' (3');;	4528' - 4531' (3');;	4515' - 4518' (3');;
4434' - 4437' (3');;	4406' - 4409' (3');;	4384' - 4387' (3');;	4375' - 4378' (3');;

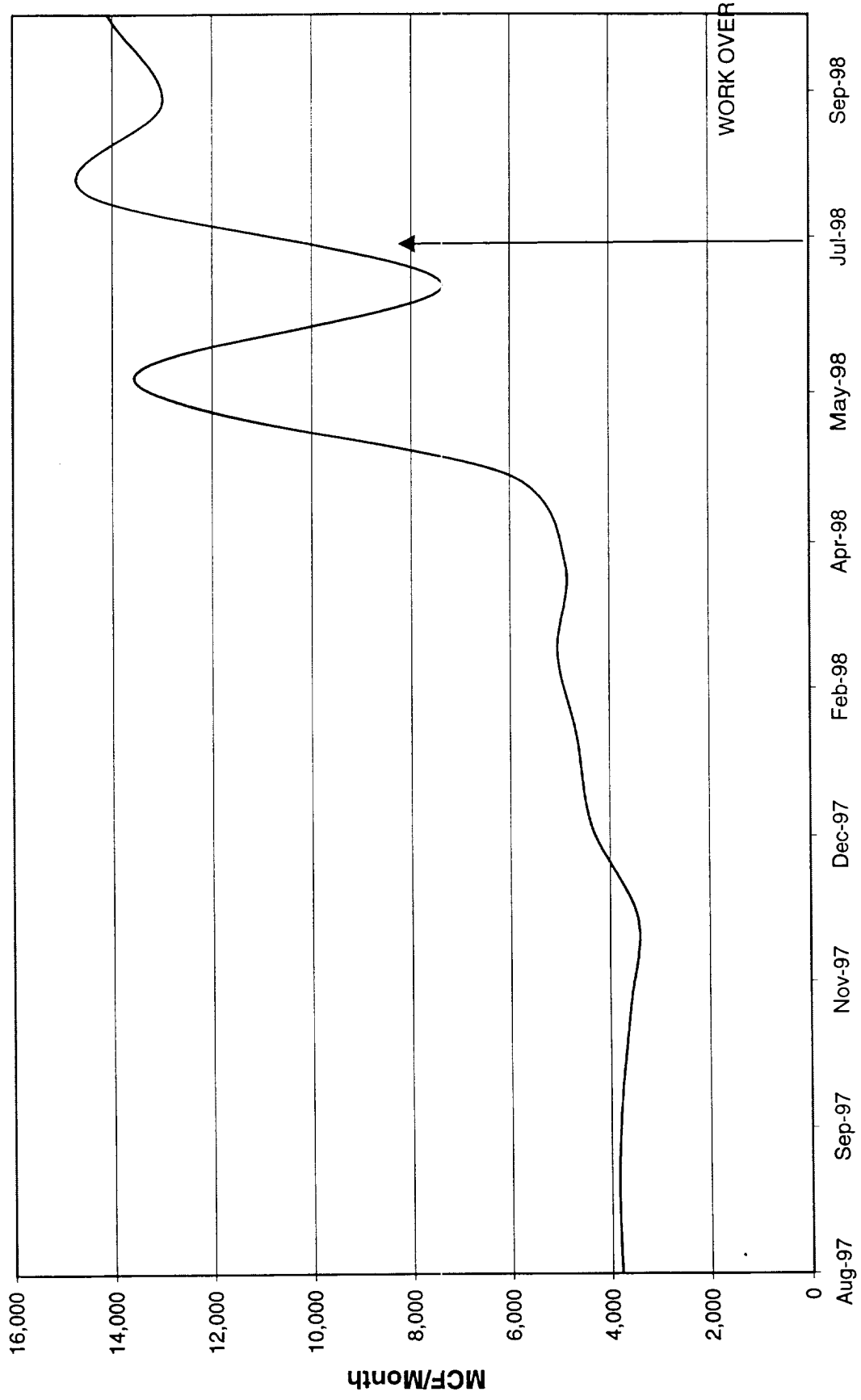
36 Holes

GIH w/4 1/2" packer & set @ 4193'. RU to Acidize Lewis Shale interval. Pumped 1000 gal of 15% HCL acid & ballsealers. Knocked balls off & COOH w/packer.

RIH & set 4 1/2" packer @ 3521'. PT casing annulus to 500 psi -OK. RU to frac Lewis Shale. Pumped 75,000 gal of 60 Quality N2 foam consisting of 32,256 gal of 30# X-link gel & 873,000 scf of N2. Pumped 204,000 # 20/40 Brady sand. ISDP 660 psi. ATP - 2900 psi and ATR - 45 bpm. Flowed back on 1/4" choke for approximately 44-1/2 hrs.

Released packer and COOH. RIH & cleaned out to CIBP @ 5100'. Drilled out CIBP. Cleaned out to second CIBP @ 5575'. Drilled out and circulated bottoms up. COOH. RIH w/2-3/8" 4.7# tubing and cleaned out to TD. Land tubing @ 5596' with "F" nipple set @ 5563'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 7/24/98. Turned well over to production department.

# 29-6 #1a Workover Production Increase



API #	29-6 # 1a	MCF/Month
21124	Aug-97	3,804
	Sep-97	3,849
	Oct-97	3,773
	Nov-97	3,588
	Dec-97	3,450
	Jan-98	4,356
	Feb-98	4,665
	Mar-98	5,039
	Apr-98	4,887
	May-98	5,997
	Jun-98	13,564
	Jul-98	7,372
	Aug-98	14,504
	Sep-98	12,999
	Oct-98	14,099