

1025 N. FARMER 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-140
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						API Number 30-039-21123		
UL F	Section 1	Township 29N	Range 6W	Feet From The 1460	North/South Line North	Feet From The 1590	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 7/17/98	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 7/23/98	

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

Mary 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 7/23/98.

Signature District Supervisor <u>SSJ</u>	OCD District <u>3</u>	Date <u>8/4/99</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 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 F. 1460' FNL 7 1590' FWL
Section 1, T29N, R6W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-012698

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 #8A

9. API Well No.

30-039-21123

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 pay and stimulate the Lewis Shale interval in the existing Mesaverde formation.

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

Signed

Talmy Clugston

Title

Regulatory Assistant

Date

7/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

AUG 19 1998

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

FARMINGTON DISTRICT OFFICE

**San Juan 29-6 Unit #8A
NM-012698; Unit F, 1460' FNL & 1590' FWL
Section 1, T29N, R6W; Rio Arriba County, NM**

Procedure used to perf & stimulate the Lewis Shale interval in the existing Mesaverde formation.

7/17/98

MIRU Big A #40. Killed well. ND WH & NU BOPs. Cleaned out fill from 5988' to 6018' (PBTD). COOH w/2-3/8" tubing. RIH w/bit & scraper and tag at 5988'. RIH w/4 1/2" CIBP & set @5300'. Load hole and pressure test CIBP, casing & rams to 500 psi - 30 min. Held OK. RIH to log well. TOC 2600'. RIH & perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3945').

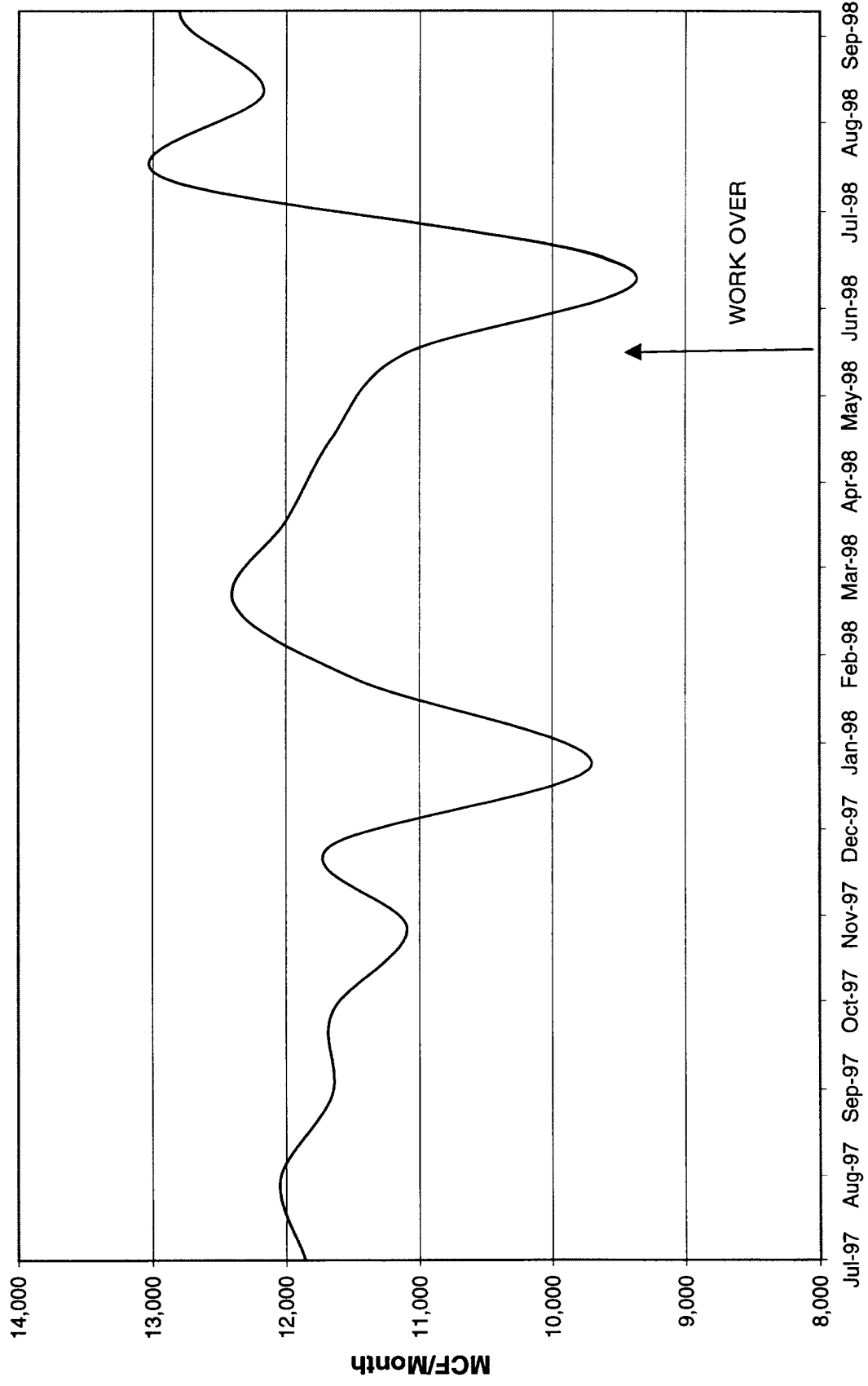
5005'; 5003'; 5002'; 4934'; 4932'; 4931'; 4863'; 4861'; 4860'; 4833'; 4831'; 4830'; 4790'; 4788'; 4787' 4753';
4751'; 4750'; 4685'; 4683'; 4682'; 4673'; 4671'; 4670'; 4627'; 4625'; 4624'; 4613'; 4611'; 4610'; 4599'; 4597';
4596'; 4375'; 4373'; 4372'; **36 Holes Total**

GIH w/4 1/2" packer & set @ 4183'. PT casing annulus & packer to 500 psi - OK. 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 @ 3725'. PT casing annulus to 500 psi -OK. RU to frac Lewis Shale. Pumped 74,000 gal of 60 Quality N2 30# X-link Borate foam with 201,330 # 20/40 Brady sand. Total N2 - 849,000 scf, total fluid to recover 703 bbls. ATP 2800 psi and ATR 45 bpm. ISIP 600 psi. Flowed back on 2 (1/4") chokes for approximately 36 hrs.

Released packer and COOH. RIH & cleaned out to CIBP @ 5186'. Chased CIBP to 6018' (PBTD). RIH w/2-3/8" 4.7# tubing and cleaned out to PBTD.' Land tubing @ 5874' with "F" nipple @ 5842'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 7/23/98. Turned well over to production department.

29-6 #8a Workover Production Increase



API #	29-6 # 8a	MCF/Month
21123	Jul-97	11,858
	Aug-97	12,045
	Sep-97	11,657
	Oct-97	11,654
	Nov-97	11,092
	Dec-97	11,685
	Jan-98	9,703
	Feb-98	11,465
	Mar-98	12,396
	Apr-98	11,993
	May-98	11,660
	Jun-98	11,124
	Jul-98	9,403
	Aug-98	12,931
	Sep-98	12,172
	Oct-98	12,803