

1625 N. FRENCH LN  
 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

FORM C-141  
 Revised 06/9

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street  
 Santa Fe, New Mexico 87505  
 (505) 827-7131

RECEIVED  
 JUL - 1 1999

SUBMIT ORIGINAL  
 PLUS 2 COPIES  
 TO APPROPRIATE  
 DISTRICT OFFICE

APPLICATION FOR  
 WELL WORKOVER PROJECT

OIL CON. DIV.  
 DIST. 3

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 30A	API Number 30-039-21422		
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
I	10	29N	6W	1830'	South	990	East	Rio Arriba

II. Workover

Date Workover Commenced: 7/10/98	Previous Producing Pool(s) (Prior to Workover):  Blanco Mesaverde
Date Workover Completed: 7/18/98	

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:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- 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.

Marcy 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 7/18/98.

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

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 I, 1830' FSL & 990' FEL  
Section 10, 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 #30A

9. API Well No.

30-039-21422

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

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

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

*M. C. Clingman*

Title

Regulatory Assistant

Date

7/25/98

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by

Title

Date

Conditions of approval, if any:

AUG 13 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 or any State, any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON DISTRICT OFFICE

\* See Instruction on Reverse Side

OPERATOR

**San Juan 29-6 Unit #30A**  
**SF-078278; Unit I, 1830' FSL & 990' FEL**  
**Section 10, T29N, R6W; Rio Arriba County, NM**

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

7/10/98

MIRU Big A #38. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper and tag at 5248'. COOH. RIH w/4 1/2" CIBP & set @ 5200'. Load hole and pressure test CIBP Casing & rams to 850 psi - 30 min. Held OK. RIH to log well. RIH & perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3941').

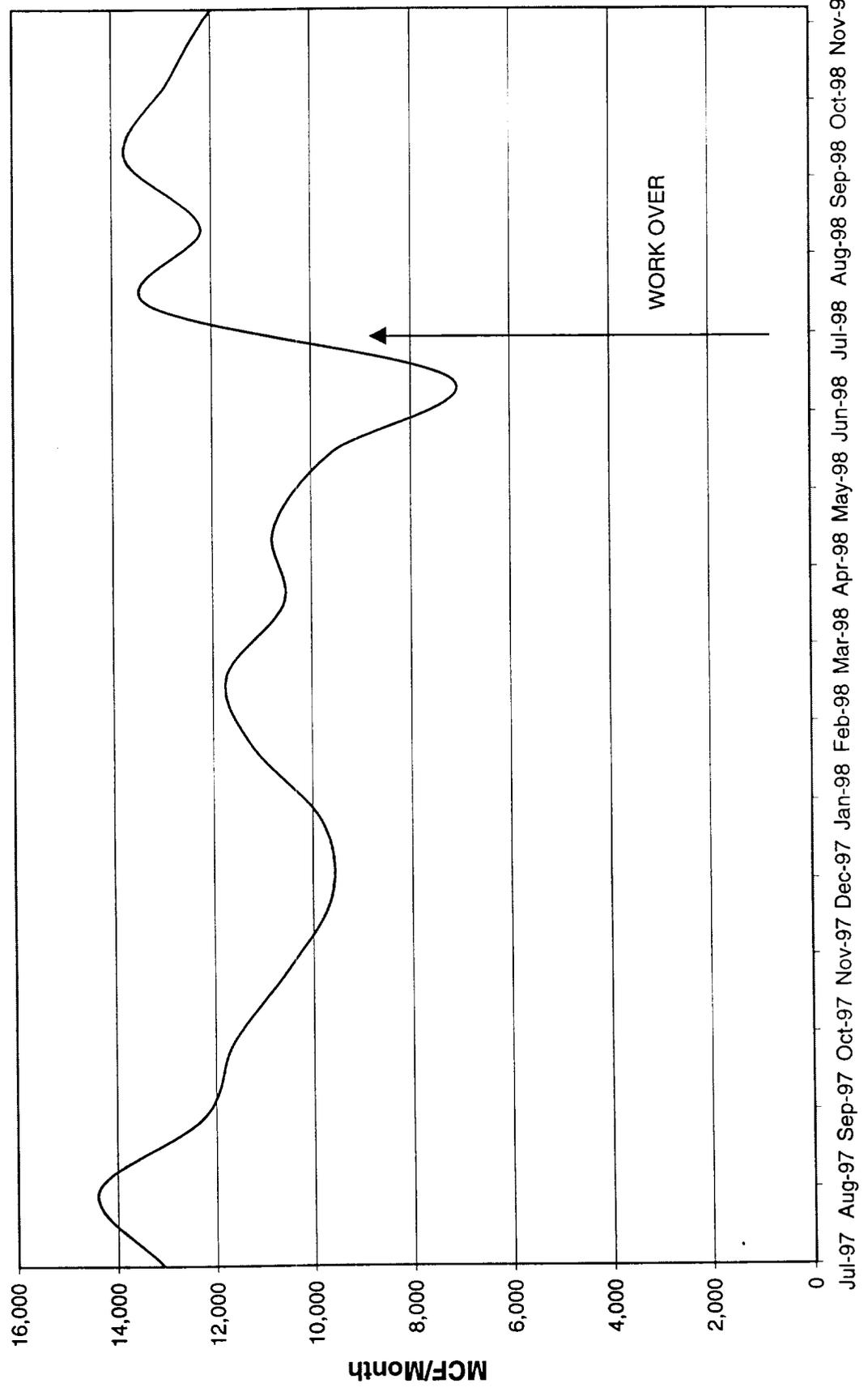
4814' - 4817' (3');	4749' - 4752' (3');	4736' - 4739' (3');	4685' - 4688' (3');	
4647' - 4650' (3');	4627' - 4630' (3');	4566' - 4569' (3');	4557' - 4560' (3');	
4512' - 4515' (3');	4487' - 4490' (3');	4334' - 4337' (3');	4262' - 4265' (3');	36 Holes

GIH w/4 1/2" packer & set @ 4055'. PT casing annulus & packer to 380 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 @ 3747'. PT casing annulus to 500 psi -OK. RU to frac Lewis Shale. Pumped 78,017 gal of 60 Quality N2 foam consisting of 32,844 gal of 30# X-link gel & 985,000 scf of N2 gas. Pumped 200,000 # 20/40 Brady sand. Flushed w/60 bbls of 2% KCl H2O. ISDP 600 psi. ATR - 45 bpm and AVP - 2800 psi. Flowed back on 1/4" choke for approximately 43 hrs.

Released packer and COOH. RIH & cleaned out to CIBP @ 5200'. Drilled out CIBP and circulated bottoms up. RIH w/2-3/8" 4.7# tubing and cleaned out to PBTD - 5775'. Land tubing @ 5665' with "F" nipple set @ 5633'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 7/18/98. Turned well over to production department.

# 29-6 #30a Workover Production Increase



API #	29-6 # 30a	MCF/Month
21422	Aug-97	14,380
	Sep-97	12,229
	Oct-97	11,637
	Nov-97	10,489
	Dec-97	9,622
	Jan-98	9,813
	Feb-98	11,229
	Mar-98	11,732
	Apr-98	10,550
	May-98	10,766
	Jun-98	9,604
	Jul-98	7,159
	Aug-98	13,274
	Sep-98	12,208
	Oct-98	13,744