

1625 N. French Dr  
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 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE

RECEIVED  
JUN 30 1999

OIL CON. DIV.

APPLICATION FOR  
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address Phillips Petroleum Company 5525 Hwy. 64 Farmington, NM 87401						OGRID DIST. 3 017654		
Contact Party Patsy Clugston						Phone 505-599-3454		
Property Name San Juan 29-5 Unit					Well Number 12A		API Number 30-039-21559	
UL D	Section 30	Township 29N	Range 5W	Feet From The 1030	North/South Line North	Feet From The 790	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 7/1/98	Previous Producing Pool(s) (Prior to Workover):  Blanco Mesaverde
Date Workover Completed: 7/9/98	

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 Rio Arriba )

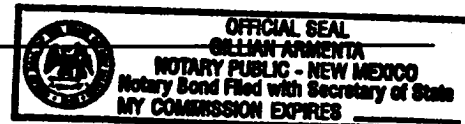
Patsy Clugston, being first duly sworn, upon oath states:

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 6/30/99  
SUBSCRIBED AND SWORN TO before me this 30 day of June, 1999.

William Armenta  
Notary Public

My Commission expires: 10-2-99



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 7/9/98.

Signature District Supervisor <u>SS. Z</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 D, 1030' FNL & 790' FWL  
Section 30, T29N, R5W

5. Lease Designation and Serial No.

SF-079851

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-5 Unit

8. Well Name and No.

SJ 29-5 Unit #12A

9. API Well No.

30-039-21559

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 and 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

Title Regulatory Assistant

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

Date

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

\* See Instruction on Reverse Side

OPERATOR

ACCEPTED FOR RECORD

FARMINGTON DISTRICT OFFICE

**San Juan 29-5 #12A**  
**SF-079851; Unit D, 1030' FNL & 790' FWL**  
**Section 30, T29N, R5W; Rio Arriba County, New Mexico**

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

7/1/98

MIRU Big A #29. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper and tag down to 5800'. COOH. RIH w/4 1/2" CIBP & set @ 5300'. Load hole w/2% KCl & PT casing to 500 psi for 30 min. – Good test. COOH.

RU Blue Jet & logged well. Ran GR/CCL/CBL from 5300' to surface. Good cement across all zones of interest. RU & perf'd the Lewis Shale interval @ 1spf (.38") with 120 degree phased as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3982').

4961' – 4964' (3');	4896' – 4899' (3');	4816' – 4819' (3');	4790' – 4793' (3');;	
4761' – 4764' (3');;	4694' – 4697' (3');;	4661' – 4664' (3');;	4651' – 4654' (3');;	
4638' – 4641' (3');;	4614' – 4617' (3');;	4534' – 4537' (3');;	4416' – 4419' (3');;	<b>36 Holes</b>

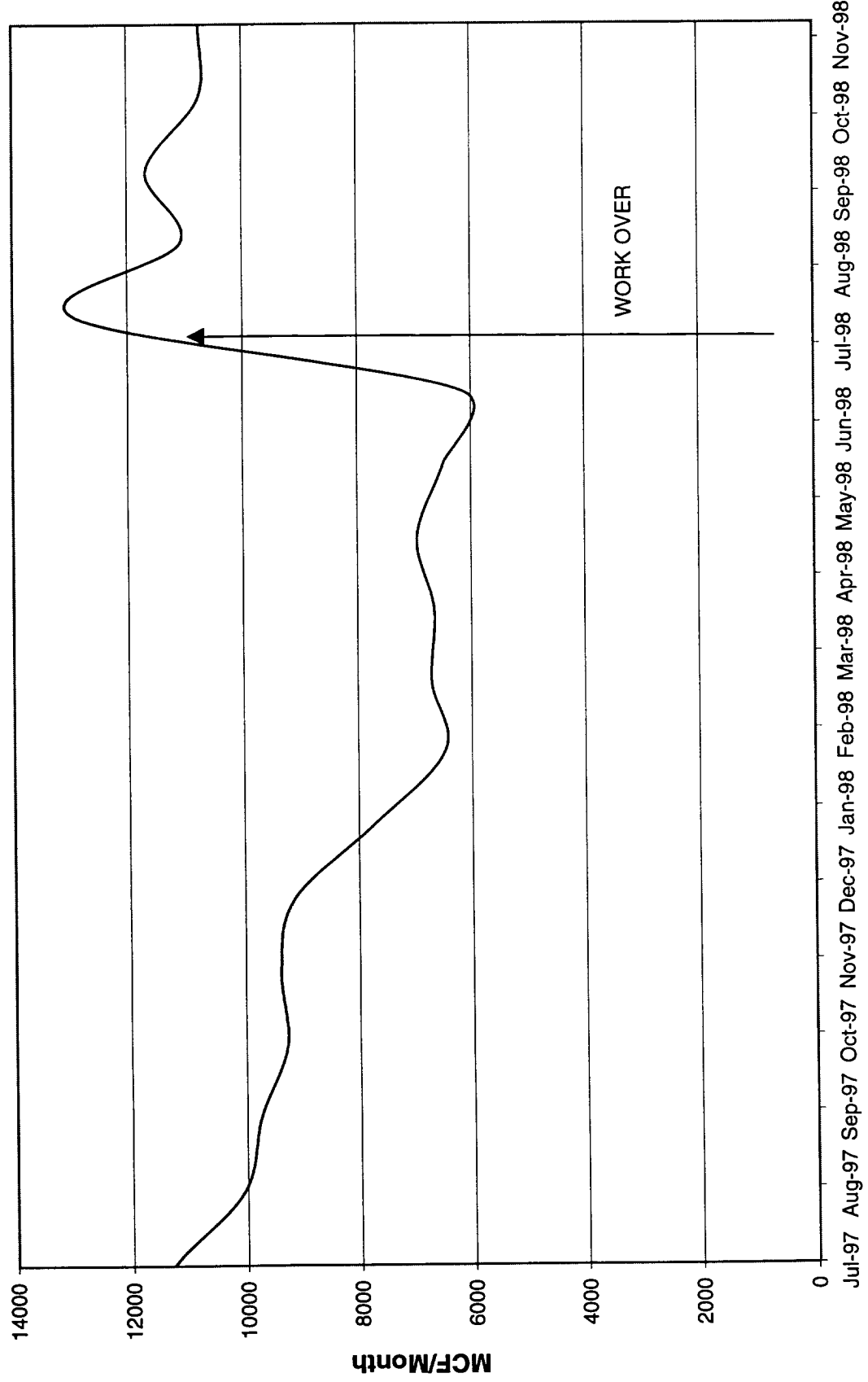
RIH w/FB packer & set @ 4235'. PT – OK. RU BJ to acidize Lewis Shale interval. Pumped 1000 gal 15% HCL & ballsealers. Knocked off and retrieved balls. POOH w/packer. RIH w/packer & set @ 3737'. PT – OK.

GIH w/4 1/2" packer & set @ 4235'. 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 @ 3737'. PT casing annulus to – OK. RU to frac Lewis Shale. Pumped 72,800 gal of 60 Quality N2 foam consisting of 29,000 gal of 30# X-link gel & 900,000 scf of N2 gas. Pumped 207,320 # of 20/40 Brady sand. Flushed w/62 bbls of 2% KCL. ISDP – 500 psi. ATR – 45 bpm and ATP – 2700 psi. Flowed back immediately on 1/4" choke for approximately 44 hours.

Released & COOH w/packer. RIH w/2-3/8" 4.7# tubing and cleaned out to 5300' (CIBP). Drilled out CIPB & circulated bottoms up. Cleaned out to PBTD @ 5940'. Landed tubing @ 5821' with "F" nipple set @ 5788'. ND BOPs & NU WH. Pumped off exp check. RD & released rig 7/9/98. Turned well over to production department.

## 29-5 #12A Workover Production Increase



DWIGHTS ENERGYDATA, INC.  
 SAN JUAN 29 5 UNIT  
 PHILLIPS PETROLEUM CO NW

RUN DATE: 06/30/99  
 DATA CURRENT THRU: 12/31/98  
 (#251,039,29N05W30D00MV,S,S)

*** MONTHLY PRODUCTION ***					***	
DATE	GAS/MCF	COND/BBL	WTR/BBL	DAYS ON	FLOW	LIFT
01/97	3285	13		31		1
02/97	4272	46		28		1
03/97	7827	16		26		1
04/97	8942		20	30		1
05/97	8758	71	19	31		1
06/97	11968	51	23	30		1
07/97	11285	56		31		1
08/97	10060	67	37	31		1
09/97	9752	39	23	30		1
10/97	9279	17	20	31		1
11/97	9385	21	43	30		1
12/97	9157	23		31		1
ANNUAL-97	103970	420	185	360		1

>

DWIGHTS ENERGYDATA, INC.  
 SAN JUAN 29 5 UNIT  
 PHILLIPS PETROLEUM CO NW

RUN DATE: 06/30/99  
 DATA CURRENT THRU: 12/31/98  
 (#251,039,29N05W30D00MV,S,S)

\*\*\* MONTHLY PRODUCTION \*\*\*

DATE	GAS/MCF	COND/BBL	WTR/BBL	DAYS ON	FLOW	LIFT
01/98	7764	6	63	31		1
02/98	6470	20	26	28		1
03/98	6708	16	21	31		1
04/98	6658	27		30		1
05/98	6956	24	25	31		1
06/98	6486	24		29		1
07/98	6150	20	24	23		1
08/98	12926	29	23	31		1
09/98	11074	26	14	30		1
10/98	11671	3	32	31		1
11/98	10756	10	25	30		1
12/98	10748	10	50	31		1
YTD-98	104367	215	303	356		1

> 776