

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 06/95

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, NEW MEXICO 87401							OGRID Number 017654	
Contact Party Patsy Clugston							Phone 505-599-3454	
Property Name San Juan 29-5 Unit							API Number 30-039-07538	
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
H	30	29N	5W	1650	North	800	East	Rio Arriba

II. Workover

Date Workover Commenced: 1/5/99	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 1/23/99	

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)

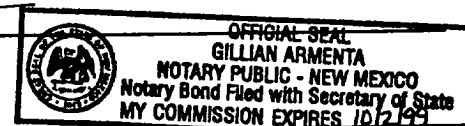
Patsy Clugston, being first duly sworn, upon oath states:

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 8/17/99
SUBSCRIBED AND SWORN TO before me this 17th day of August, 1999.

Gillian Armenta
Notary Public

My Commission expires: 10/2/99



FOR OIL CONSERVATION DIVISION USE ONLY:

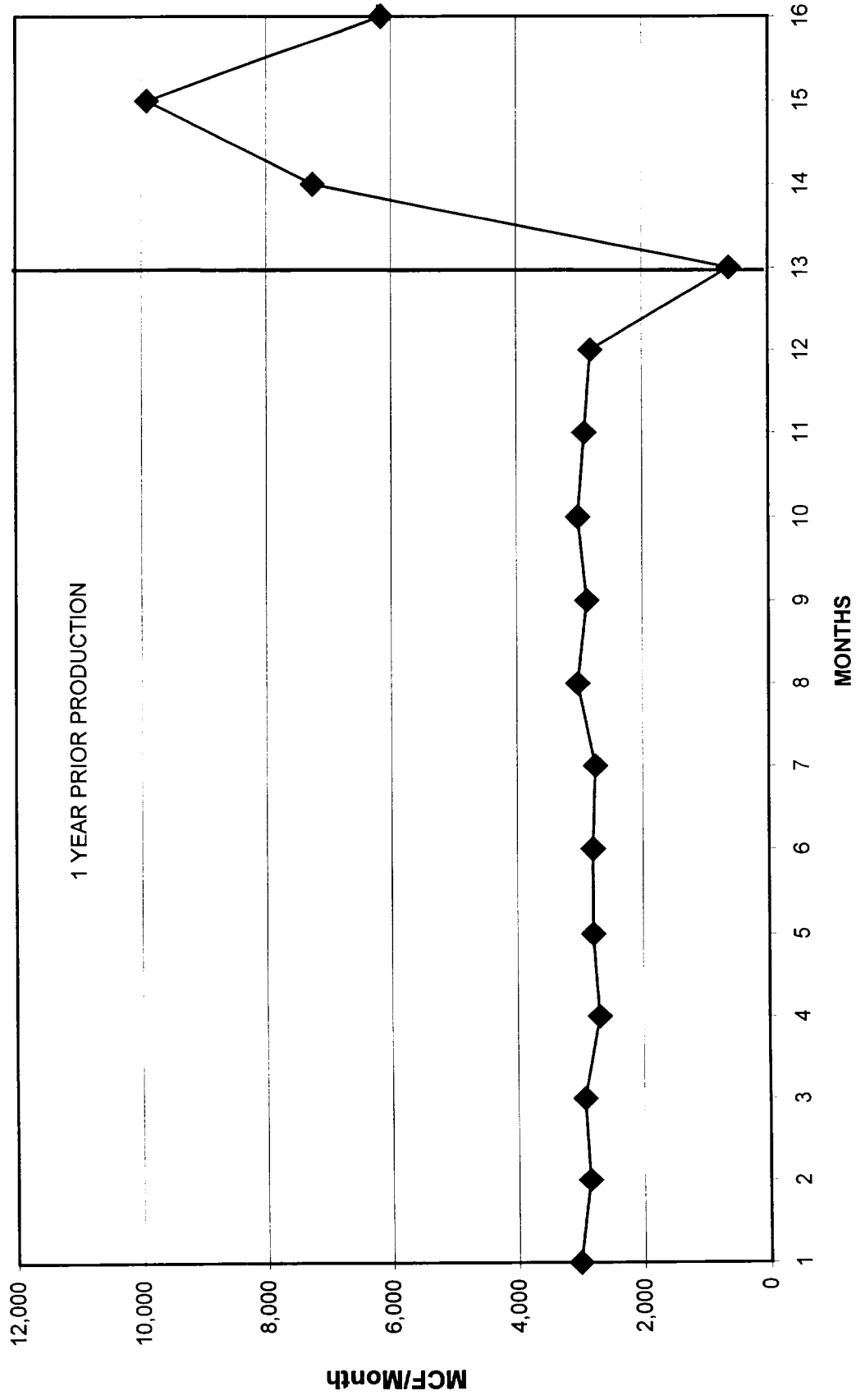
VI. CERTIFICATION OF APPROVAL:

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 1/23/99.

Signature District Supervisor <u>35.3</u>	OCD District <u>3</u>	Date <u>10/15/99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

29-5 #13 Workover Production Increase



API #	29-5 #13	MCF/Month
30-039-07538	Jan-98	3,018
	Feb-98	2,858
	Mar-98	2,935
	Apr-98	2,693
	May-98	2,791
	Jun-98	2,789
	Jul-98	2,751
	Aug-98	3,025
	Sep-98	2,875
	Oct-98	3,018
	Nov-98	2,912
	Dec-98	2,813
WORK OVER	Jan-99	617
	Feb-99	7,255
	Mar-99	9,911
	Apr-99	6,160
	May-99	6,540

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 H, 1650' FNL & 800' FEL
Section 30, T29N, R5W

5. Lease Designation and Serial No.

SF-080069

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 #13

9. API Well No.

30-039-07538

10. Field and Pool, or exploratory Area

Basin Dakota and
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 Plug DK & add pay to MV
- ☐ 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 the plug back the Dakota interval of the subject well. Then the Lewis Shale pay was added to the existing Mesaverde formation and stimulated.

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

Signed

Patsy Clugston

Title

Regulatory Assistant

Date

1/29/99

(This space for Federal or State office use)

Approved by

Title

Date

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

San Juan 29-5 #13
SF-080069; Unit H, 1650' FNL & 800' FEL
Section 30, T29N, R5W; Rio Arriba County, New Mexico

**Procedure used to Plug the Dakota zone and then perf & stimulate the
Lewis Shale interval in the existing Mesaverde formation.**

1/5/98

MIRU Key Energy #29. Kill well. ND WH & NU BOPs. PT – OK. Unseat 1-1/4" tubing and COOH. Had to fish for 3 days, 100% recovery. RIH w/bit & scraper to 7700'. COOH. RIH w/7" packer & set @ 6200'. Established injection rate into Dakota perfs. Unset packer & COOH. RIH w/7" cement retainer & set @ 7725'. Pumped 75 sx Cl H cement w/60 sxs pumped below retainer; perfs squeezed off @ 3000 psi. Pulled out & dumped 15 sx cement on top of retainer. Note: Additional cement plugs will be placed upon final abandonment.

POOH. RIH w/7" CIBP & set @ 5395'. Load hole & PT CIBP & casing to 550 psi – held good. POOH. RU & logged from 5395 – surface with GR/CCL/CBL. TOC – 3996'. Perf'd Lewis Shale @ 1 spf .38" holes as follows (Huerfanito Bentonite not present, equivalent stratigraphic depth is 4423').

5144' – 5147' (3');	5080' – 5083' (3');	5063' – 5066' (3');	4960' – 4963' (3');
4912' – 4915' (3');	4872' – 4875' (3');	4844' – 4847' (3');	4826' – 4829' (3');
4765' – 4768' (3');	4712' – 4715' (3');	4686' – 4689' (3');	4474' – 4477' (3'); 36 Total Holes

RIH w/7" packer & set @ 4290'. PT – OK. RU to acidize Lewis Shale interval. Pumped 1000 gal of 15% HCL & ballsealers. Unset packer, knocked off balls and COOH w/packer. RIH w/packer & set @ 3874'. PT – OK. RU to frac Lewis Shale. RU to frac. Pumped 72,660 gal of 60 Quality N₂ foam consisting of 32,928 gal of 30# X-link gel & 866,000 scf of N₂ gas and 204,680 # 20/40 Brady sand. ATR – 45 bpm and ATP – 3360 psi. ISDP – 500 psi. Flowed back on 1/4" & 1/2" chokes for approx. 35 1/2 hrs.

Released & COOH w/packer. RIH w/4-3/4" bit & drilled out bridge @ 5395'. Cleaned out to 7245'. COOH. GIH w/2-3/8" tubing. Set tubing @ 5897' with "F" nipple set @ 5865'. ND BOPs & NU WH. Pumped off expendable check. RD & MO 1/23/99. Turned well over to production department.