

1525 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-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, New Mexico 87401						OGRID Number  017654		
Contact Party Patsy Clugston						Phone 505-599-3454		
Property Name San Juan 29-6 Unit						Well Number 45		
API Number 30-039-07539								
UL H	Section 27	Township 29N	Range 6W	Feet From The 1550'	North/South Line North	Feet From The 990'	East/West Line East	County Rio Arriba

II. Workover

Date Workover Commenced: 12/16/98	Previous Producing Pool(s) (Prior to Workover):  Blanco Mesaverde.
Date Workover Completed: 12/28/98	

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:

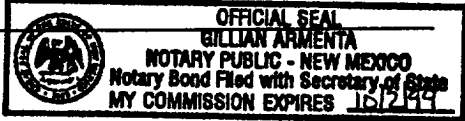
State of New Mexico )  
 ) ss.  
County of San Juan )  
Patsy Clugston, being first duly sworn, upon oath states:

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

My Commission expires: 10/2/99

William Armenta  
Notary Public



FOR OIL CONSERVATION DIVISION USE ONLY:

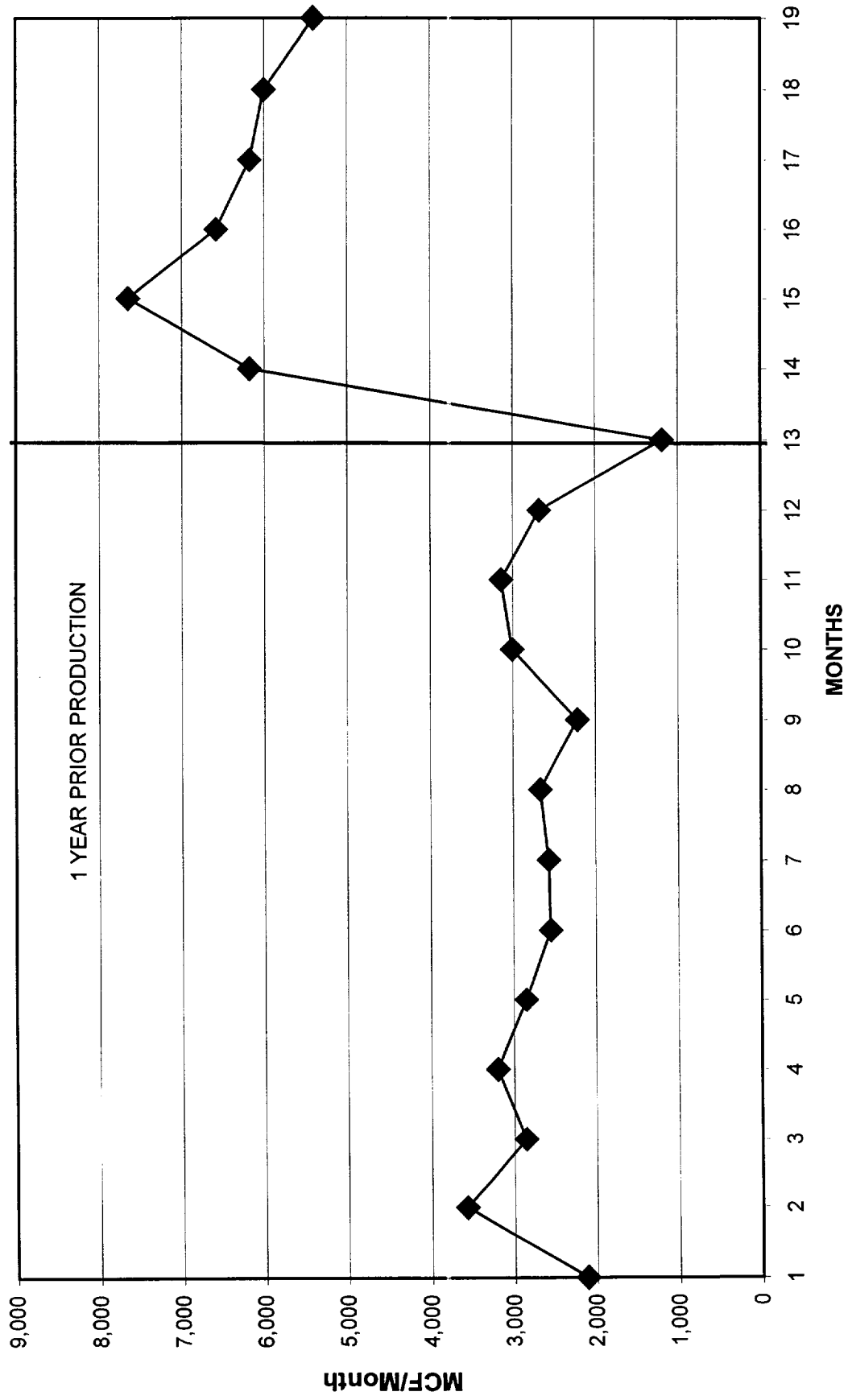
VI. CERTIFICATION OF APPROVAL:

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 12/28/98.

Signature District Supervisor <u>SS. J</u>	OCD District <u>7</u>	Date <u>10/15/99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_\_\_\_\_

# 29-6 #45 Workover Production Increase



API #	29-6 #45	MCF/Month
30-039-07539	Dec-97	2,115
	Jan-98	3,571
	Feb-98	2,854
	Mar-98	3,195
	Apr-98	2,844
	May-98	2,545
	Jun-98	2,568
	Jul-98	2,667
	Aug-98	2,215
	Sep-98	3,004
	Oct-98	3,141
	Nov-98	2,677
WORK OVER	Dec-98	1,189
	Jan-99	6,179
	Feb-99	7,649
	Mar-99	6,583
	Apr-99	6,177
	May-99	6,004
	Jun-99	5,405

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, 1550' FNL & 990' FEL  
Section 27, T29N, R6W

5. Lease Designation and Serial No.

SF-080377

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 #45

9. API Well No.

30-039-07539

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 additional perms and stimulate in the Menefee interval and then add pay and stimulate the Lewis Shale interval all within the existing Mesaverde formation.

RECEIVED  
BLM  
89 JAN -8 PM 12:21  
070 FARMINGTON, NM

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

Signed

*Patsy Chugnut*

Title

Regulatory Assistant

Date

1/6/99

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

ACCEPTED FOR RECORD

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

FARMINGTON DISTRICT OFFICE

OPERATOR

**San Juan 29-6 Unit #45**  
**SF-080377; Unit H, 1550' FNL 7 990' FEL**  
**Section 27, T29N, R6W; Rio Arriba County, NM**

**Procedure used perf additional Mesaverde perfs and acidize and then  
add pay & stimulate the Lewis Shale interval in the existing Mesaverde formation.**

12/16/98

MIRU Big A # 38. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. GIH w/bit & scraper to 5503'. COOH. RU Blue Jet WL & set CIBP @ 5402'. Perf'd Mesaverde intervals Menefee @ 1spf (.31") Dia. 120 degree phased holes as follows:

5397', 5395', 5393', 5374', 5346', 5339', 5337', 5332', 5294', 5292', 5241', 5238',  
5236', 5217', 5215', 5207', 5205', 5196', 5194' Total 19 holes

RIH w/RBP & set @ 5137'. RU BJ to acidize. Had to spot perfs w/4 bbls acid & flush w/24 bbls 2% KCl before acid job. Pumped 26 bbls 15% HCL @ 5 bpm @ 2200 psi. Flushed with 2% KCl. Released packer & COOH. RIH & set RBP @ 4975'. PT to 500 psi - good test. COOH. MIRU Blue Jet & ran GR/CCL/CBL from 4965' to surface. RU Blue Jet & perf'd @ 1 spf, 120 degree phasing (.38" holes) as follows (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3580').

:

4056' - 4059' (3');	4187' - 4190' (3');	4274' - 4277' (3');	4293' - 4297' (3');;
4330' - 4333' (3');;	4409' - 4412' (3');;	4412' - 4415' (3');;	4462' - 4465' (3');;
4491' - 4494' (3');;	4521' - 4524' (3');;	4548' - 4551' (3');;	4598' - 4601' (3') 36 holes total

TIH w/4½" FBP @ 3850'. BJ acidized Lewis Shale interval - pumped 1000 gal 15% HCL w/ballsealers. Surged balls off. COOH w/packer. RIH w/junk basket & recovered all balls. RIH w/RBP & set @ 3374'. PT RBP to 500 psi - 30 min. Good test. RU to frac. Pumped 29,862 gal 2% KCl, 199,400 # 20/40 Brady sand, 858 mscf N<sub>2</sub> and 60 Quality foam. Flushed with 2,352 Gal water. ATP - 2100 psi, ATR - 22 bpm. ISIP - 450 psi. Flowed back on ½" choke for approximately 44 hours.

Released packer and COOH. RIH & cleaned out to RBP @ 5137'. COOH w/RBP. RIH & tagged CIBP @ 5402'. Drilled out CIBP and circulated bottoms up. RIH with 2-3/8" 4.7# tubing and set @ 5512' with "F" nipple set @ 5485'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 12/28/98. Turned well over to production department.